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Project Title: Truck Chai

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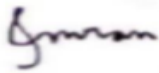
Daffodil International University

This Project report has been submitted in fulfillment of the requirements for the Degree of
Bachelor of Science in Software Engineering.

PROJECT APPROVALS

This project named “**Truck Chai**”, Submitted by Bappi Saha (172-35-2097) to the department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in software engineering and approval as to be style and contents.

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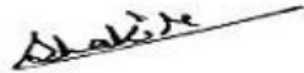
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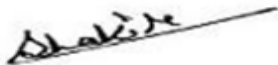
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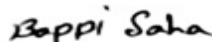
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For the purpose of achieving degree Of Bachelor of Science from daffodil International University. This is also declared by me that neither this project nor any part of this project has been used or submitted elsewhere for any kind of degree or award.



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PROJECT ACKNOWLEDGEMENT

First of all I would like to thanks to God for being so kind of me to complete my study from such a good institute and department. I'm really blessed with the opportunity I got. My parents did so hard work for me their appreciation was beyond everything.

My warmest thanks to my teacher and supervisor

Asif Khan Shakir sir,

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He helps me a lot from the very beginning. I got few courses of him in my university life besides him help me every time when I need or ask him for his help. He was so cooperative and helpful to me as he has a great impact on my completion of not only this project but also various courses.

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Last but not the least I would like to spread love to all my classmates senior and juniors for gifting me such a great environment for not only study but also on all the aspect of our activity.

ABSTRACT

“Truck Chai” This is a system that will be beneficial for both of its user. People now a days are so busy with their regular work life. They always look for reduce their time for the other livelihood work. So we can see every need of our regular life is getting tide into a system. This is one of the solutions for our busy life that will help us to hire trucks and driver for shifting goods in the time of needed.

We often need to change our office location of shift our house materials from one place to another. People need to face hassle searching for truck. They need to go to the agency or go to the truck stand. This is not only a hassle but also takes so much time. This system will help them to reduce their hassle and find their needed truck in time with good value. He can get truck just following few steps. That can make his life easy.

Secondly we can think from the point of view of a truck driver. When a truck driver go on any trip they got paid for one way. While returning they didn't get paid they have to wait for the rent while returning. This system can reduce their waste of time and can be a good solutions for them to get a rent while not only going to any place but also while returning.

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CHAPTER 1

INTRODUCTION

1.1 Project Overview

Technology is making our life easy and comfortable more and more. This system is a step or new addition to make human day to day life easy and hassle free. We try to maintain or fulfill our everyday needs as efficiently as possible. We can order food from home, order products from websites and have them delivered to our homes, hire a maid through a website, and order emergency service through a website. Why don't we give this truck-management device a shot? It can be used to relocate our workplace, house, or something else. People need truck or transport service every single day to ship their goods. People of our country used to go to the truck stand or agency to manage those trucks to ship their products. But this system will help them to find truck with no hassle. They need to access to the system and they can manage truck very easily and also on affordable price. And if customer needed any services like Water Truck or garbage truck or concrete truck for construction they also can use this system for hire. And there is no middle man for this services so customer can all this on affordable price.

1.2 Project Purpose

When we want to move our heavy weight goods and furniture from one place to another place we faces many problems like hire truck and worker. And many other reason we need truck or heavy vehicles like for shifting office, for construction material. So, purpose of this project is help to people manage truck or heavy vehicle when they needed. Customers may also employ this device for building services such as water trucks, garbage trucks, or concrete trucks. Furthermore, since there is no middleman for these facilities, customers will get all of this at a low cost.

1.2.1 Background

We always try to manage or perform our daily need without any problem or hassle. We can order food from home, we can order our product from websites and get home delivery, we can get maid on website, and we can get ambulance service by ordering online. Why we don't try this system that can manage truck for us. We can use it to shift our office, home or anything we want. We can transfer our products without having a pain of managing truck by going physical or baring extra money to hire a truck from any company. This system is the ultimate solution of those.

1.2.2 Benefits of the project

If we think about benefits this project can be helpful not only for whom are hiring truck but also for those truck drivers who sometime have to go back to their place with no deal. Suppose someone need to shift his office to one place to another place he will surely get a truck from this system. But if a truck driver went to Chittagong and while coming back to Dhaka he don't have any passenger or rent he need to back with no money. So what he can do he can get a back trip for him so that this empty returning vehicle can make money for him. If we summarize the whole benefits this could be:

- A user who need truck can get it very easily with affordable price and hassle free. And they can monitor their product status.
- Truck driver not need to work for any agency or wait somewhere to get a trip to make money. They can have many trip available for them on this system that can save his energy also hassle.

1.2.3 Goals

As the system is generating positivity not only for the passenger but also for the truck driver its goal is to make their life easy and advanced. Why to take the difficulty on this modern day life. Though this is not a new technology but if this technology can be introduced to everyone this can be so helpful for us. A consumer in need of a truck can easily obtain one at a reasonable price and without hassle. To make money, a truck driver does not need to work for an agency or wait for a ride. They will have a lot of trips available to them on this scheme, which will save him time and energy.

1.3 Stakeholder

In this system, we have three primary stakeholder (Customer, Company and Driver) and one Secondary stakeholder. They are:

- Customer: Customer can make trip and take truck services.
- Company: Company can add truck and bid for trip.
- Driver: Driver can also bid for trip.
- Admin: Admin can access all the features and setting of application.

1.4 Project Schedule

To complete a project in time, we need a good project schedule. So that we can monitor our project progress and make sure that it finishing at time and met require quality.

1.4.1 Gantt Chart

Activities		Week														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Planning	Idea	■														
	Proposal	■														
Requirements	Requirements Specification		■													
	Requirements Analysis		■	■												
System Design	Design Specification			■	■	■										
	Interface				■	■										
	Database					■	■									
Development	System Development						■	■	■	■	■	■				
Testing	Unit Testing											■	■	■		
Resolve Issues	Issue Solving													■	■	
Release	Release Application															■

Figure 1.4. 1 Gantt chart

1.4.2 Project Timeline

Task	Date
Topic Selection	18/09/2020
Topic Name & Proposal	05/10/202-22/10/2020
Project Proposal Submission	23/10/2020
Requirements Specification & Analysis	23/10/2020-25/01/2021
Seminar on Video Presentation	20/01/2021
Seminar on Project Methodology	09/02/2021
Mid-Term Defense	25/02/2021
Project Workshop	28/04/2021
Design	26/01/2021-20/02/2021
Development	21/02/2021-23/03/2021
Testing	03/04/2021
Resolving	12/04/2021

Figure 1.4. 2 Project Timeline

1.5 Intendent Audience and reading Suggestions:

This a document that written for both user and development team. From the introduction to the UI all the features and the functionalities have been written here with description and clear process. So while reading this document neither development team or the reader will face any issue to understand the system design and its functionalities.

1.6 Documentation Convention:

I have divided the project info two part. My First Part contain all the description, Diagrams, UI and other documentation parts. This part specify any feature changing and adaption with the changes. When the feature changes the system should also be success. This is the documentation of the project which has full capability that when someone will read this document can ensure the right of the project.

1.7 Project scope:

This product has a vision to solve many problems. I have started with the vision to solve those. Using this system a user can have managed his needed transport truck with no hassle. On the other side a company or a

truck driver can have always the rent while going to a trip or while coming back from a trip. This can help them not to return from one place with empty truck. So the score of the project till now is noticeable but with the changing requirements of the future we can add more features here so that the system can fulfill those transport need of a customer.

CHAPTER 2

SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirements: Customer

2.1.1 Registration

Requirement ID	FR.C.1
Requirement Name	Registration
Description	Customer can register to the system by filling up some necessary information.
Stakeholder	Customer

2.1.2 Log In

Requirement ID	FR.C.2
Requirement Name	Log In
Description	Customer Can Log In to the system using his/her Email and Password
Stakeholder	Customer

2.1.3 Update Profile

Requirement ID	FR.C.3
Requirement Name	Update Profile
Description	Customer can update their profile information.
Stakeholder	Customer

2.1.4 Make Trip Request

Requirement ID	FR.C.4
Requirement Name	Make Trip Request
Description	Customer can make a trip request through this system
Stakeholder	Customer

2.1.5 View Trip

Requirement ID	FR.C.5
Requirement Name	View Trip
Description	Customer can view their trip history from this option.
Stakeholder	Customer

2.1.6 Approve Trip

Requirement ID	FR.C.6
Requirement Name	Approve Trip
Description	Customer can approve his trip after completing the bargain with the truck driver.
Stakeholder	Customer

2.1.7 Manage Address Book

Requirement ID	FR.C.7
Requirement Name	Manage Address Book
Description	Customer can manage all his address books by this system.
Stakeholder	Customer

2.1.8 Give Rating

Requirement ID	FR.C.8
Requirement Name	Give Rating
Description	Customer can give rating to the trip by this option.
Stakeholder	Customer

2.1.9 Approve/Reject Bid

Requirement ID	FR.C.9
Requirement Name	Approve/Reject Bid
Description	Customer can approve or reject trip bid which he made.
Stakeholder	Customer

2.1.10 View Blog

Requirement ID	FR.C.10
Requirement Name	View Blog
Description	Customer can view blog which is create by Admin.
Stakeholder	Customer

2.2 Functional Requirement: Company

2.2.1 Registration

Requirement ID	FR.CO.1
Requirement Name	Registration
Description	Company can register to the system by filling up some necessary information.
Stakeholder	Company

2.2.2 Log In

Requirement ID	FR.CO.2
Requirement Name	Log In
Description	Company Can Log In to the system using his/her Email and Password
Stakeholder	Company

2.2.3 Update Profile

Requirement ID	FR.CO.3
Requirement Name	Update Profile
Description	Company can update their profile information.
Stakeholder	Company

2.2.4 Bid Trip

Requirement ID	FR.CO.4
Requirement Name	Bid Trip
Description	Company can bid on any trip requested by customer.
Stakeholder	Company

2.2.5 View Trip

Requirement ID	FR.CO.5
Requirement Name	View Trip
Description	Company can view all its trip history from this option.
Stakeholder	Company

2.2.6 Finish Trip

Requirement ID	FR.CO.6
Requirement Name	Finish Trip
Description	Company can finish any trip from this option
Stakeholder	Company

2.2.7 Post Job

Requirement ID	FR.CO.7
Requirement Name	Post Job
Description	Company can post job.
Stakeholder	Company

2.2.8 Hire Driver

Requirement ID	FR.CO.8
Requirement Name	Hire Driver
Description	Company can hire driver from the job post they give on the system.
Stakeholder	Company

2.2.9 Manage Truck

Requirement ID	FR.CO.9
Requirement Name	Manage Truck
Description	Company can manage their trucks from this option.
Stakeholder	Company

2.2.10 Give Rating

Requirement ID	FR.CO.10
Requirement Name	Give Rating
Description	Company can give rating to any trip.
Stakeholder	Company

2.2.11 Add Testimonial

Requirement ID	FR.CO.11
Requirement Name	Add Testimonial
Description	Company can add or write testimonial to any trip.
Stakeholder	Company

2.3 Functional Requirement: Driver

2.3.1 Registration

Requirement ID	FR.D.1
Requirement Name	Registration
Description	Driver can register to the system by filling up some necessary information.
Stakeholder	Driver

2.3.2 Log In

Requirement ID	FR.D.2
Requirement Name	Log In
Description	Driver Can Log In to the system using his/her Email and Password
Stakeholder	Driver

2.3.3 Update Profile

Requirement ID	FR.D.3
Requirement Name	Update Profile
Description	Driver can update their profile information.
Stakeholder	Driver

2.3.4 Bid Trip

Requirement ID	FR.D.4
Requirement Name	Bid Trip
Description	Driver can bid on any trip requested by customer.
Stakeholder	Driver

2.3.5 View Trip

Requirement ID	FR.D.5
Requirement Name	View Trip
Description	Driver can view all its trip history from this option.
Stakeholder	Driver

2.3.6 Finish Trip

Requirement ID	FR.D.6
Requirement Name	Finish Trip
Description	Driver can finish any trip from this option
Stakeholder	Driver

2.3.7 Find Job

Requirement ID	FR.D.7
Requirement Name	Find Job
Description	Driver can find job.
Stakeholder	Driver

2.3.8 Manage Truck

Requirement ID	FR.D.8
Requirement Name	Manage Truck
Description	Driver can manage their trucks from this option.
Stakeholder	Driver

2.3.9 Give Rating

Requirement ID	FR.D.9
Requirement Name	Give Rating
Description	Driver can give rating to any trip.
Stakeholder	Driver

2.3.10 Add Testimonial

Requirement ID	FR.D.10
Requirement Name	Add Testimonial
Description	Driver can add or write testimonial to any trip.
Stakeholder	Driver

2.4 Functional Requirement: Admin

2.4.1 Log In

Requirement ID	FR.A.1
Requirement Name	Log In
Description	Admin Can Log In to the system.
Stakeholder	Admin

2.4.2 Manage Customer

Requirement ID	FR.A.2
Requirement Name	Manage Customer
Description	Admin Can manage all the customers
Stakeholder	Admin

2.4.3 Manage Company

Requirement ID	FR.A.3
Requirement Name	Manage Company
Description	Admin Can manage all the companies that are using this system.
Stakeholder	Admin

2.4.4 Manage Driver

Requirement ID	FR.A.4
Requirement Name	Manage Driver
Description	Admin Can manage all drivers from this options.
Stakeholder	Admin

2.4.5 Manage Admin

Requirement ID	FR.A.5
Requirement Name	Manage Admin
Description	Admin Can manage other admins by his user control.
Stakeholder	Admin

2.4.6 Manage Truck

Requirement ID	FR.A.6
Requirement Name	Manage Truck
Description	Admin Can manage all trucks.
Stakeholder	Admin

2.4.7 Manage Truck Category

Requirement ID	FR.A.7
Requirement Name	Manage Truck Category
Description	All trucks category can be managed by admin.
Stakeholder	Admin

2.4.8 Manage Blog

Requirement ID	FR.A.8
Requirement Name	Manage Blog
Description	Admin can manage blogs.
Stakeholder	Admin

2.4.9 Manage Language

Requirement ID	FR.A.9
Requirement Name	Manage Language
Description	Language can be managed by admin
Stakeholder	Admin

2.4.10 Manage Job

Requirement ID	FR.A.10
Requirement Name	Manage job
Description	All the job posted on the system can be managed by admin
Stakeholder	Admin

2.4.11 Manage Trip

Requirement ID	FR.A.11
Requirement Name	Manage Trip
Description	Admin can manage trips.
Stakeholder	Admin

2.4.12 Manage Setting

Requirement ID	FR.A.12
Requirement Name	Manage Setting
Description	Admin can delete, change setting and can add new setting.
Stakeholder	Admin

3.2 Use Case Description

Here we can see details of each use case and their pre-condition, actor and trigger also.

3.2.1 Registration

Use Case	Registration
Goal	Register account to get logged in and get the services from the system
Pre-Conditions	Click On “Register” Option
Primary Actor Secondary Actor	Customer, Company, Driver
Trigger	A form including information field and a register button.
Description / Main Success	<ol style="list-style-type: none"> 1. Open the system 2. Click on register button 3. Fill up with all the necessary information. 4. Registration Complete
Alternative Flow	N/A
Quality Requirements	N/A

3.2.2 Login

Use Case	Login
Goal	The users who have account created can log into the system.
Pre-Conditions	Registration should be completed
Primary Actor Secondary Actor	Customer, Company, Driver, Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Visit system 2. Fill up login credentials 3. Click on Log in button.
Alternative Flow	N/A
Quality Requirements	N/A

3.2.3 Update Profile

Use Case	Update Profile
Goal	Update information of user.
Pre-Conditions	Get logged into the system
Primary Actor Secondary Actor	Customer, Company, Driver, Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Click one the login button and get logged in 2. Click on update profile 3. Update profile with the necessary information
Alternative Flow	<ol style="list-style-type: none"> 1. Edit profile 2. Update profile 3. Delete profile
Quality Requirements	N/A

3.2.4 Make Trip Request

Use Case	Make Trip Request
Goal	Place a trip request to get a trip
Pre-Conditions	Get logged into the system
Primary Actor Secondary Actor	Customer
Trigger	Search field and Search Button
Description / Main Success	<ol style="list-style-type: none"> 1. Get logged into the system 2. Click on make trip request 3. Search for destination place 4. Place request
Alternative Flow	N/A
Quality Requirements	N/A

3.2.5 View Trip

Use Case	View Trip
Goal	View all the trip history
Pre-Conditions	Logged into the system
Primary Actor Secondary Actor	Customer, Company, Driver, Admin
Trigger	Fields and button
Description / Main Success	<ol style="list-style-type: none"> 1. Logged into the system 2. Click on view trip 3. If any trip taken then the history will appear
Alternative Flow	<ol style="list-style-type: none"> 1. Get trip invoice 2. Print invoice
Quality Requirements	N/A

3.2.6 Approve Trip

Use Case	Approve trip
Goal	Approve Any trip to get started with the trip
Pre-Conditions	Get logged into the system
Primary Actor Secondary Actor	Customer
Trigger	Approval button to approve the request.
Description / Main Success	<ol style="list-style-type: none"> 1. Get logged into the system 2. Search for any trip 3. If bargain complete then approve trip
Alternative Flow	<ol style="list-style-type: none"> 1. View Trip
Quality Requirements	N/A

3.2.7 Bid Trip

Use Case	Bid Trip
Goal	Goal is to bid on any trip posted by customer
Pre-Conditions	Log Into the system
Primary Actor Secondary Actor	Company
Trigger	Few Information field and button bid on any trip.
Description / Main Success	<ol style="list-style-type: none"> 1. Log Into the system 2. Click on View trips 3. Bid on convenient trip for getting it.
Alternative Flow	N/A
Quality Requirements	N/A

3.2.8 Finish Trip

Use Case	Finish Trip
Goal	Finish a trip
Pre-Conditions	Logged into the system and make a trip
Primary Actor Secondary Actor	Company, Driver
Trigger	Button
Description / Main Success	<ol style="list-style-type: none"> 1. Logged into the system 2. Make a trip 3. Complete a trip by clicking on finish trip
Alternative Flow	N/A
Quality Requirements	N/A

3.2.9 Post Job

Use Case	Post Job
Goal	Post a job for driver to work with him under company banner.
Pre-Conditions	Logged into the system
Primary Actor Secondary Actor	Company
Trigger	Basic Fields and button
Description / Main Success	<ol style="list-style-type: none"> 1. Logged into the system 2. Click on Post Job 3. Post a job with all the information and requirements needed for the company.
Alternative Flow	N/A
Quality Requirements	N/A

3.2.10 View Blog

Use Case	View Blog
Goal	All Users can view blogs
Pre-Conditions	Go to the web application and Click on Blog option
Primary Actor Secondary Actor	Company, Customer, Driver
Trigger	Form and button
Description / Main Success	<ol style="list-style-type: none"> 1. Logged into the system 2. Click on Blogs
Alternative Flow	N/A
Quality Requirements	N/A

3.2.11 Manage Trucks

Use Case	Manage Trucks
Goal	Manage all the trucks work under the company
Pre-Conditions	Logged into the system
Primary Actor Secondary Actor	Company, Driver
Trigger	Fields and button
Description / Main Success	<ol style="list-style-type: none"> 1. Logged into the system 2. Click on manage trucks 3. Add, update or delete any truck information.
Alternative Flow	N/A
Quality Requirements	N/A

3.2.12 Update Profile

Use Case	Update Profile
Goal	Update information of user.
Pre-Conditions	Get logged into the system
Primary Actor Secondary Actor	Customer, Company, Driver, Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 4. Click one the login button and get logged in 5. Click on update profile 6. Update profile with the necessary information
Alternative Flow	<ol style="list-style-type: none"> 4. Edit profile 5. Update profile 6. Delete profile
Quality Requirements	N/A

3.2.13 Add Testimonial

Use Case	Add Testimonial
Goal	Add a testimonial so that other company can have an idea about the client.
Pre-Conditions	Logged into the system and complete a trip
Primary Actor Secondary Actor	Customer, Company, Driver
Trigger	Information field to add comment and button of submit it
Description / Main Success	<ol style="list-style-type: none"> 1. Logged into the system 2. Complete a trip 3. Write testimonial 4. Post it.
Alternative Flow	N/A
Quality Requirements	N/A

3.2.14 Admin Login

Use Case	Login
Goal	Assigned admin can be logged into the system
Pre-Conditions	Admin should be assigned first
Primary Actor Secondary Actor	Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Visit system 2. Fill up login credentials 3. Click on Log in button.
Alternative Flow	<ol style="list-style-type: none"> 1. If not registered already will not logged in.
Quality Requirements	N/A

3.2.15 Manage Customer

Use Case	Manage Customer
Goal	Add Update or delete any customer
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage Customer 3. Manage customer according to the need.
Alternative Flow	N/A
Quality Requirements	N/A

3.2.16 Manage Company

Use Case	Manage Company
Goal	Add Update or delete any company
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage company 3. Manage company according to the need
Alternative Flow	N/A
Quality Requirements	N/A

3.2.17 Manage Driver

Use Case	Manage Driver
Goal	Add Update or delete any Driver
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Tables and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage Driver 3. Manage Driver according to the need
Alternative Flow	N/A
Quality Requirements	N/A

3.2.18 Manage Admin

Use Case	Manage Admin
Goal	Add Update or delete any Admin
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Tables and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage Admin 3. According to the access can manage admin
Alternative Flow	N/A
Quality Requirements	N/A

3.2.19 Manage Setting

Use Case	Manage Setting
Goal	Add Update or delete any Setting
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Tables and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage Driver 3. Manage product according to the need
Alternative Flow	N/A
Quality Requirements	N/A

3.2.20 Manage Blog

Use Case	Manage Blog
Goal	Add Update or delete any Blog
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage Blog 3. Manage blog according to the need
Alternative Flow	N/A
Quality Requirements	N/A

3.2.21 Manage Truck Category

Use Case	Manage Truck Category
Goal	Add Update or delete any Truck Category
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage Truck Category 3. Manage Truck Category according to the need by Add/Update/Delete
Alternative Flow	N/A
Quality Requirements	N/A

3.2.22 Manage Language

Use Case	Manage language
Goal	Change or add new language
Pre-Conditions	Admin should Logged into the system.
Primary Actor Secondary Actor	Admin
Trigger	Form and buttons
Description / Main Success	<ol style="list-style-type: none"> 1. Login to the system 2. Click On Manage Language 3. Manage language according to the need
Alternative Flow	N/A
Quality Requirements	N/A

3.3 Activity Diagram

3.3.1 Users Registration

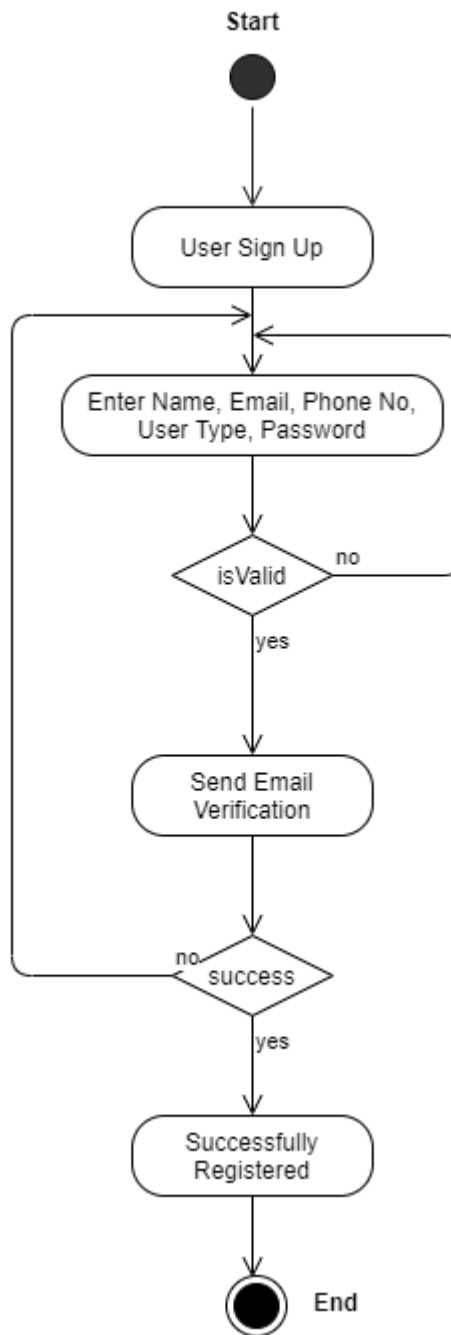


Figure 3.3. 1: User Registration Activity Diagram

3.3.2 Users Login:

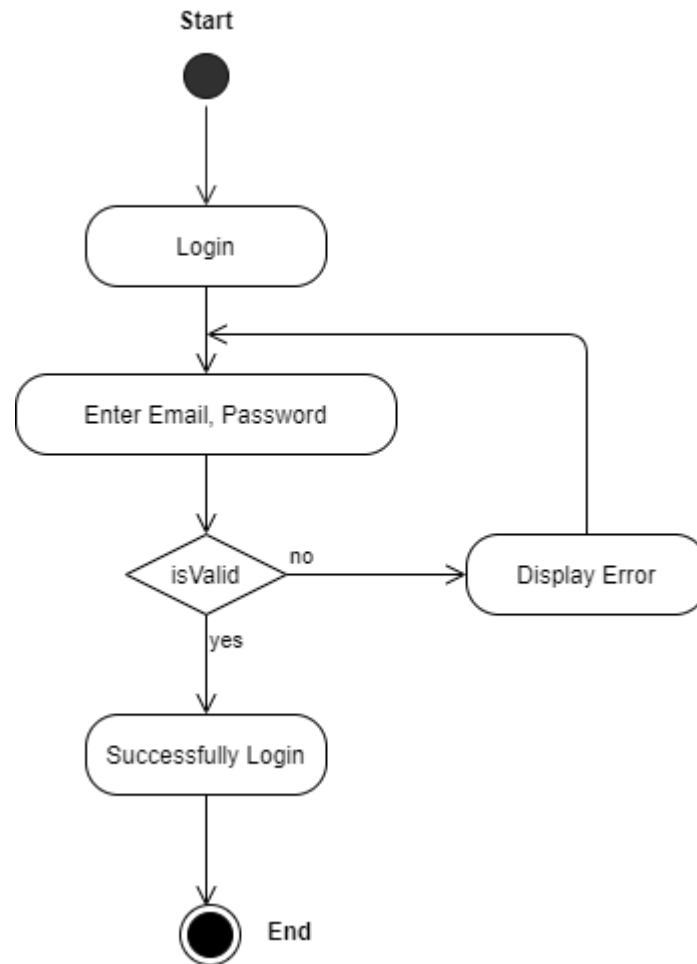


Figure 3.3. 2: User Login Activity Diagram

3.3.3 Admin Update Profile:

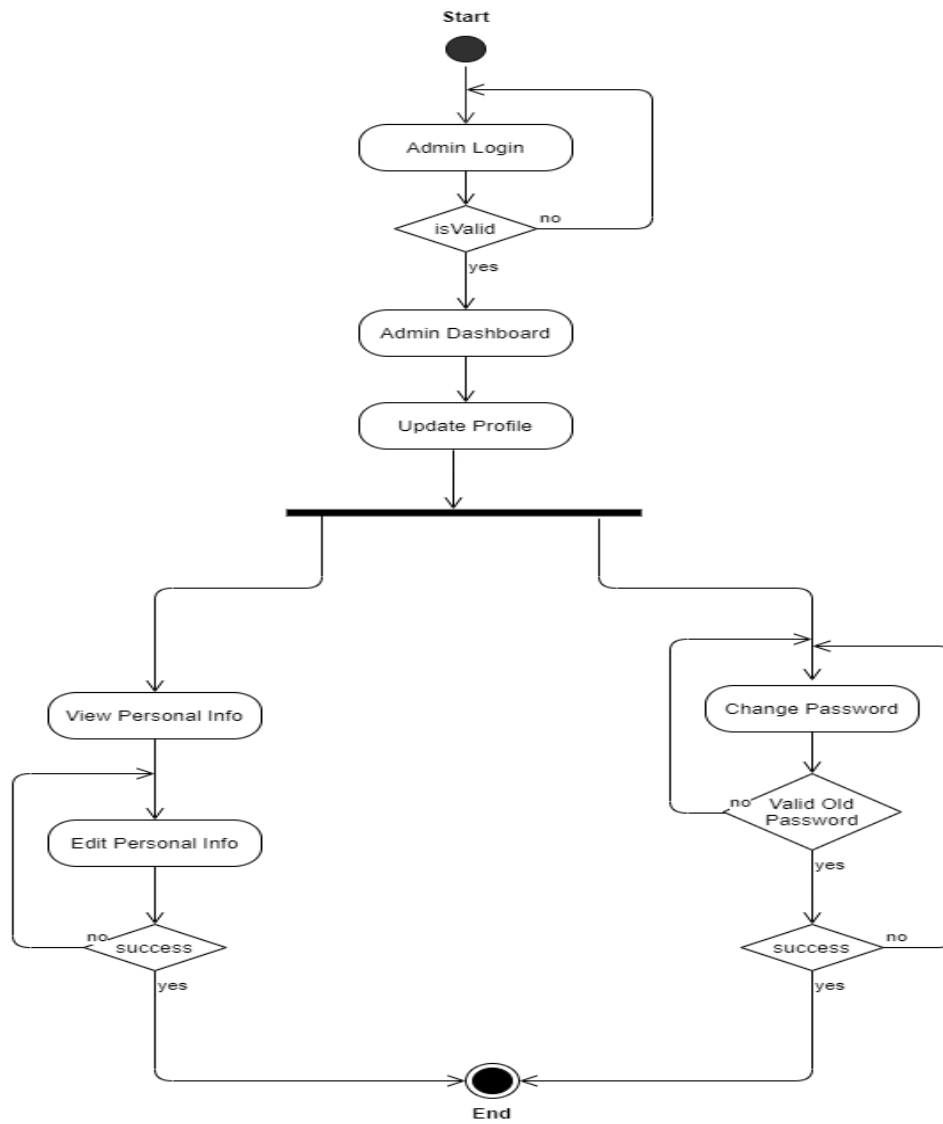


Figure 3.3. 3: Admin Update Activity Diagram

3.3.4 Customer Make Trip Request:

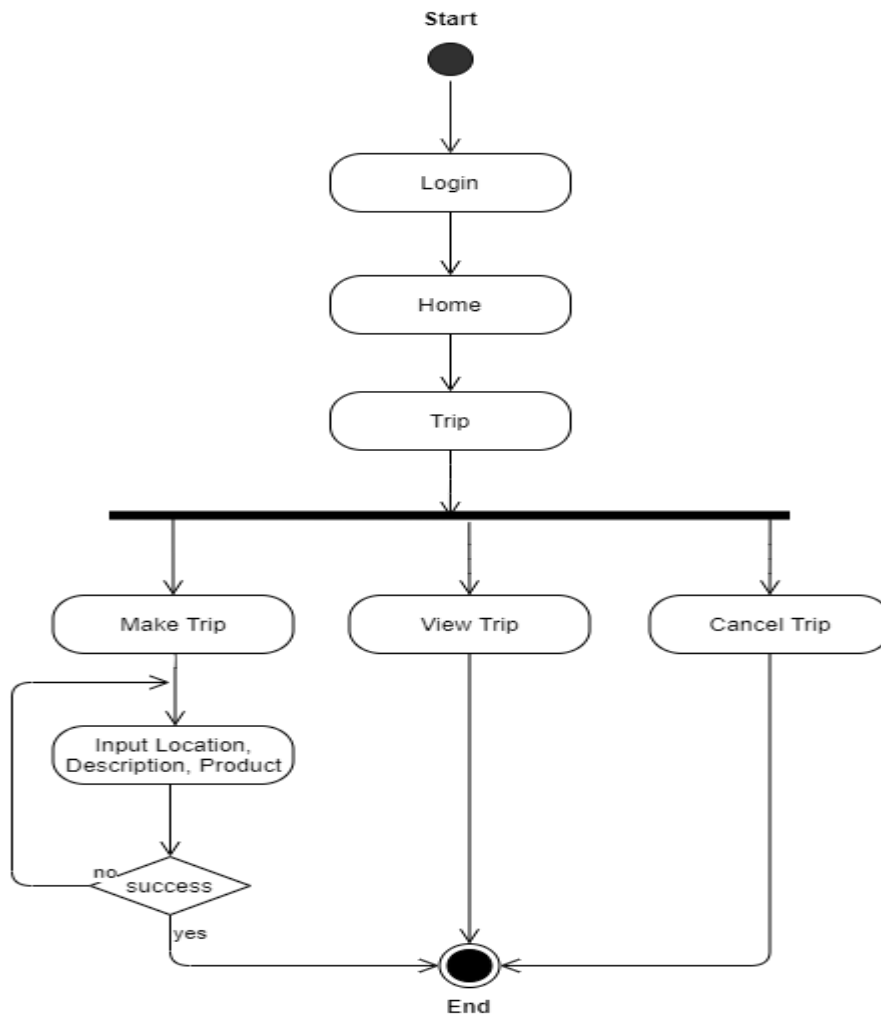


Figure 3.3. 4: Customer Make Trip Activity diagram

3.3.5 Users View Trip:

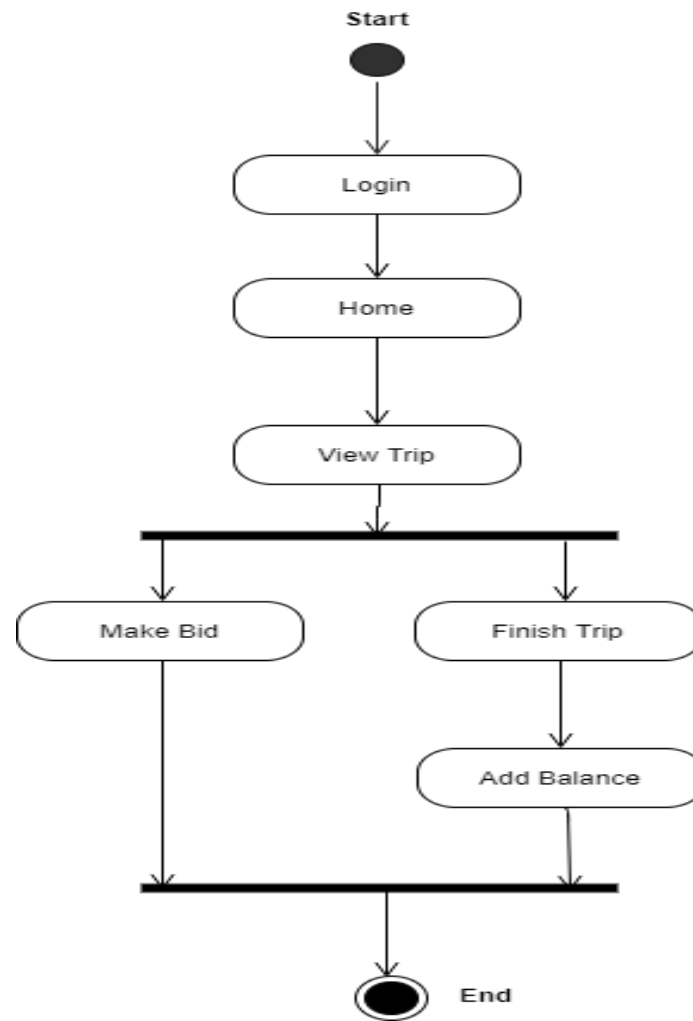


Figure 3.3. 5: User View Trip Activity Diagram

3.3.6 Customer Approve Bid:

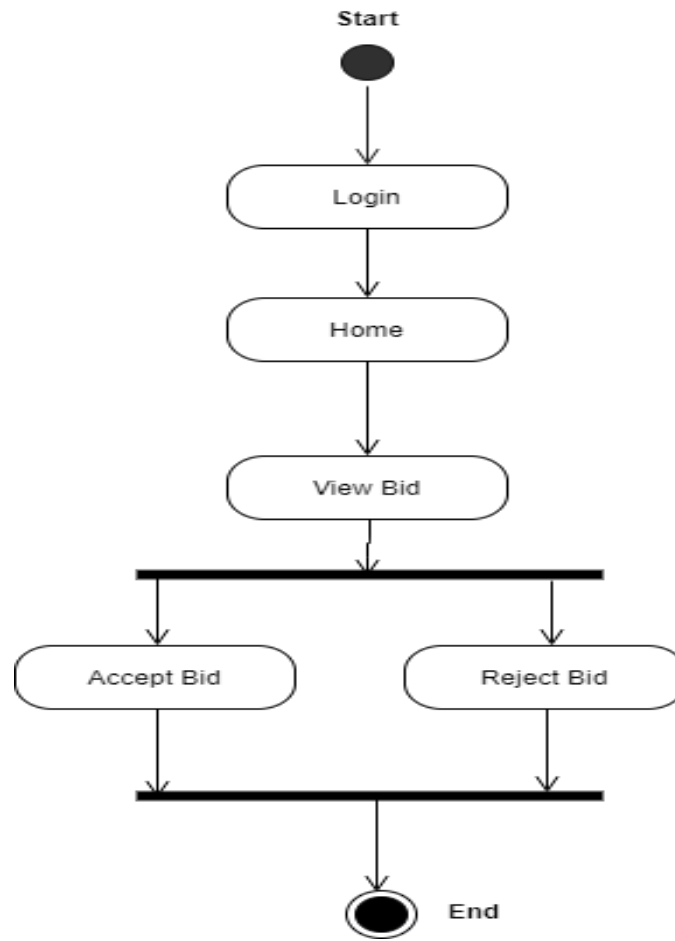


Figure 3.3. 6: Customer Approve Bid Activity Diagram

3.3.7 Bid & Finish Trip (Company, Driver):

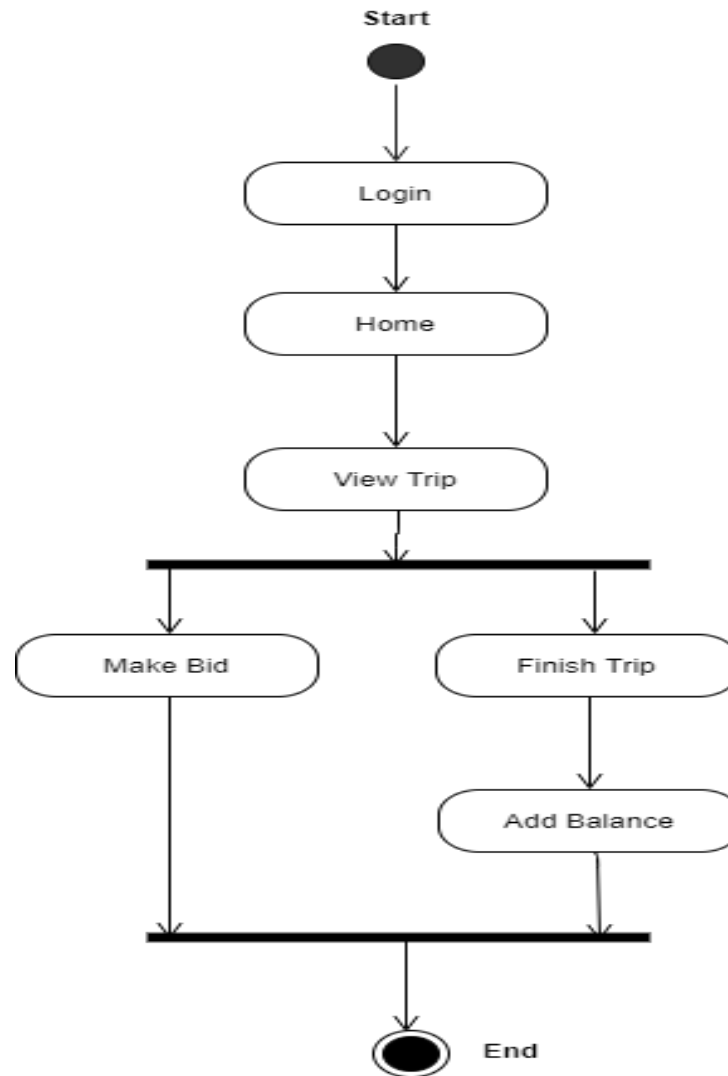


Figure 3.3. 7: Bid & Finish Trip Activity Diagram

3.3.8 Post Job:

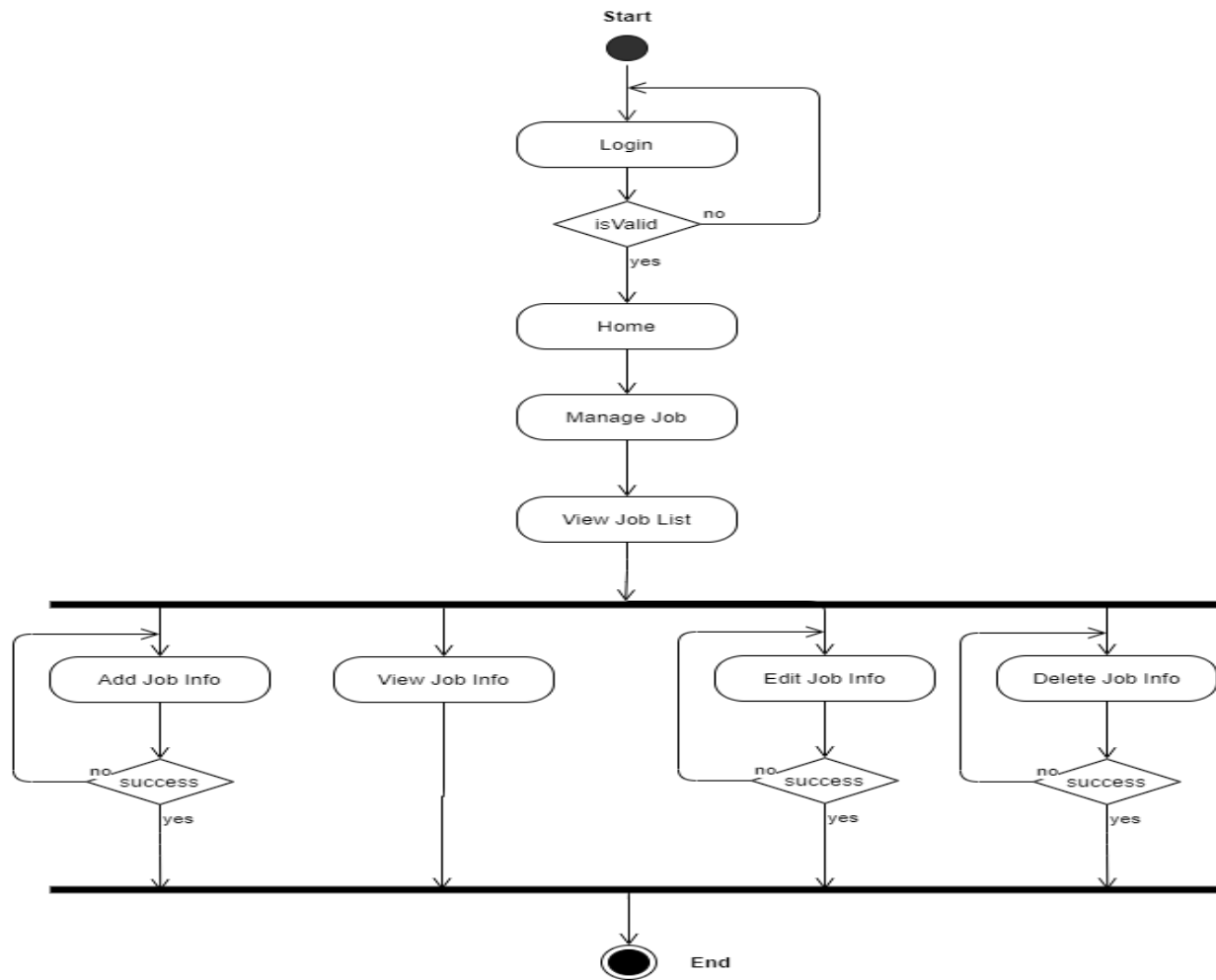


Figure 3.3. 8: Post Job Activity Diagram

3.3.9 View Blog:

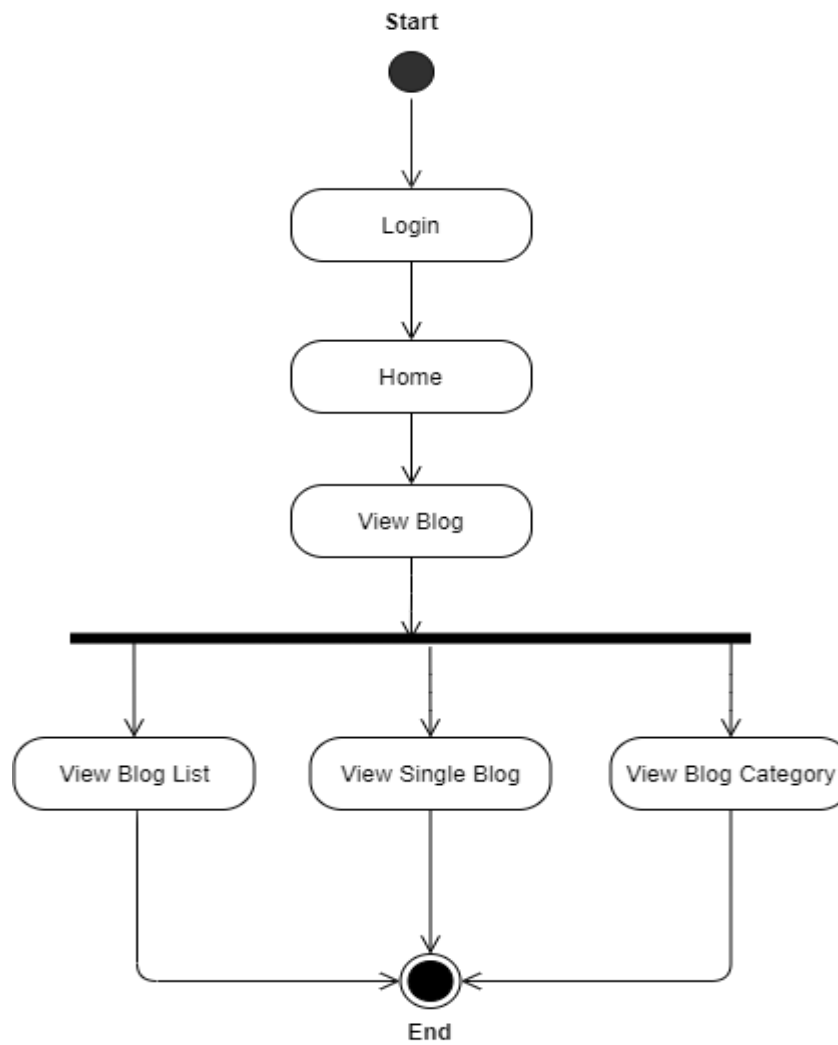


Figure 3.3. 9: View Blog Activity Diagram

3.3.10 Manage Truck:

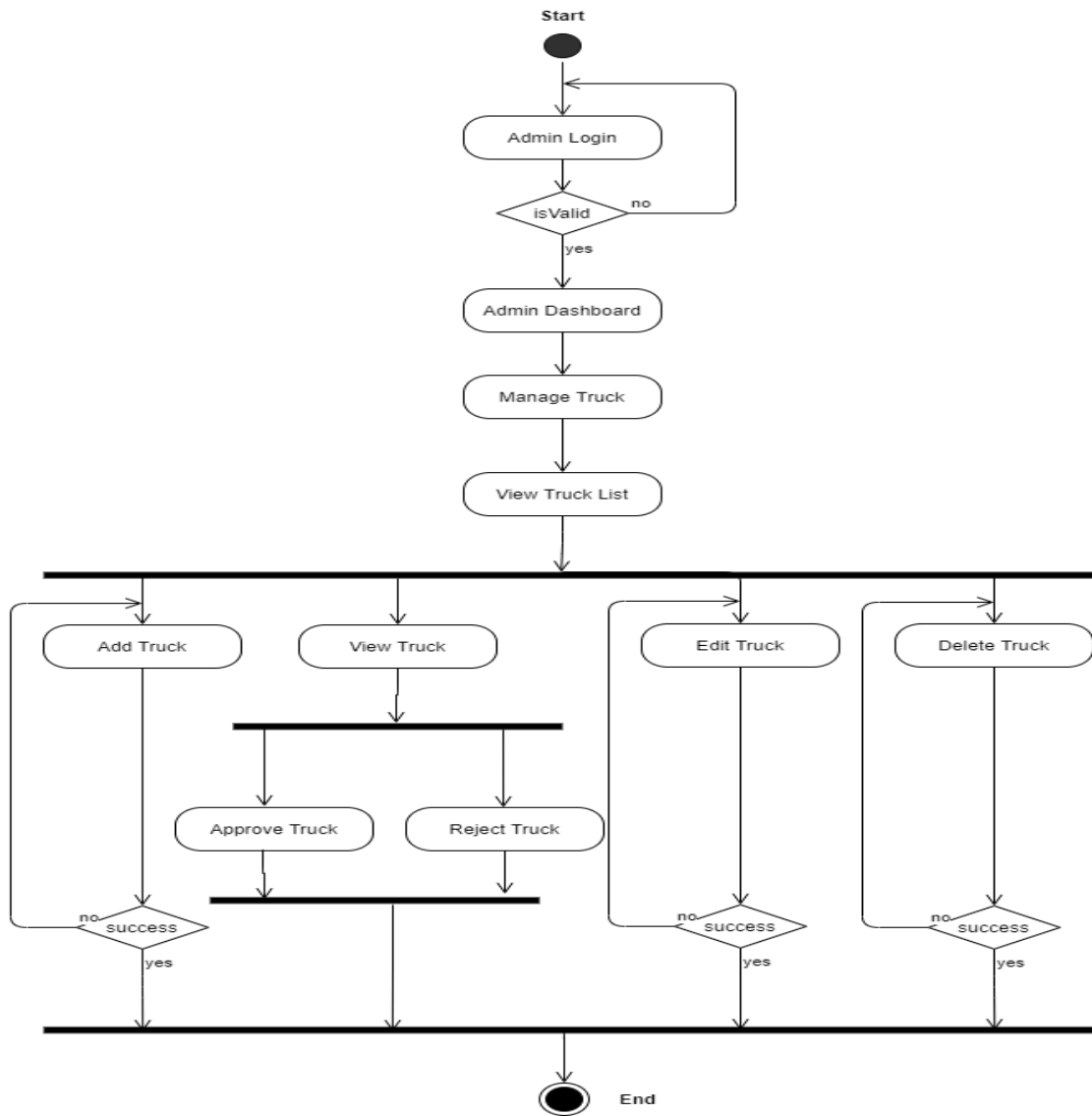


Figure 3.3. 10: Manage Truck Activity Diagram

3.3.11 Give Rating:

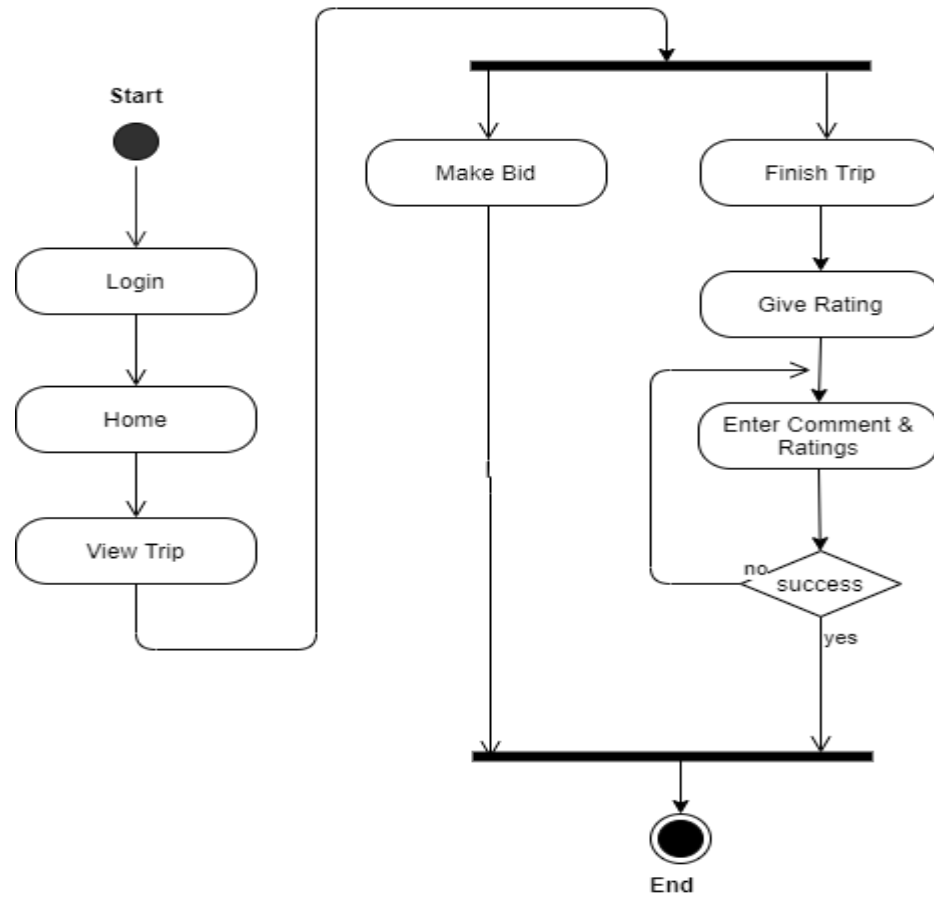


Figure 3.3. 11: Give Rating Activity Diagram

3.3.12 Add Testimonial:

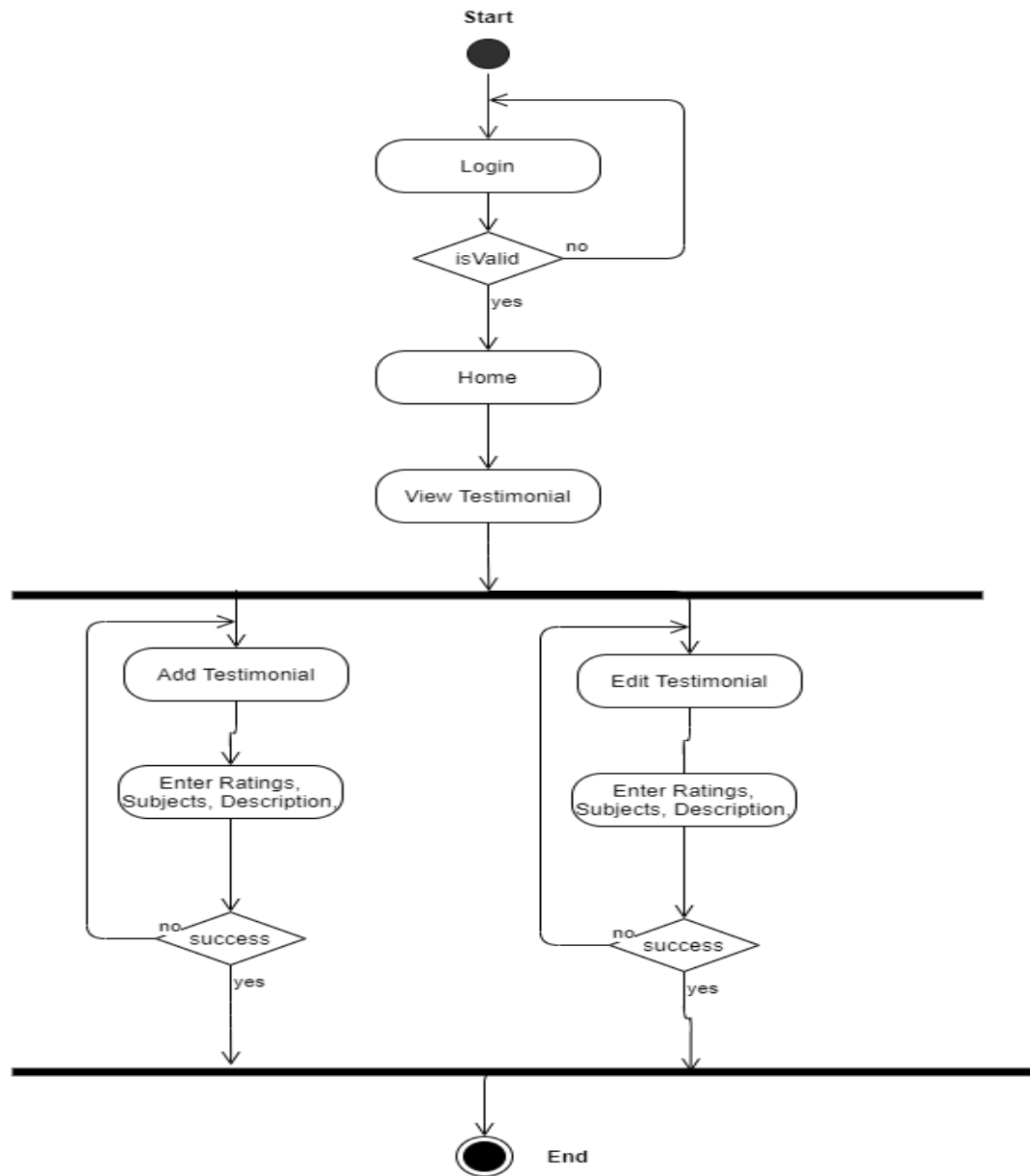


Figure 3.3. 12: Add Testimonial Activity Diagram

3.3.13 Admin Login:

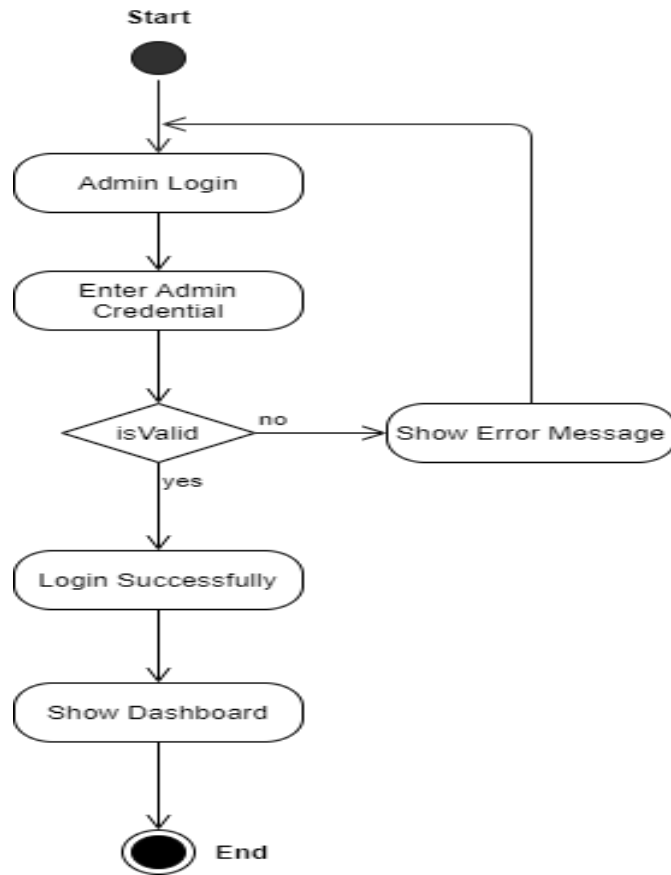


Figure 3.3. 13: Admin Login Activity Diagram

3.3.14 Manage Customer:

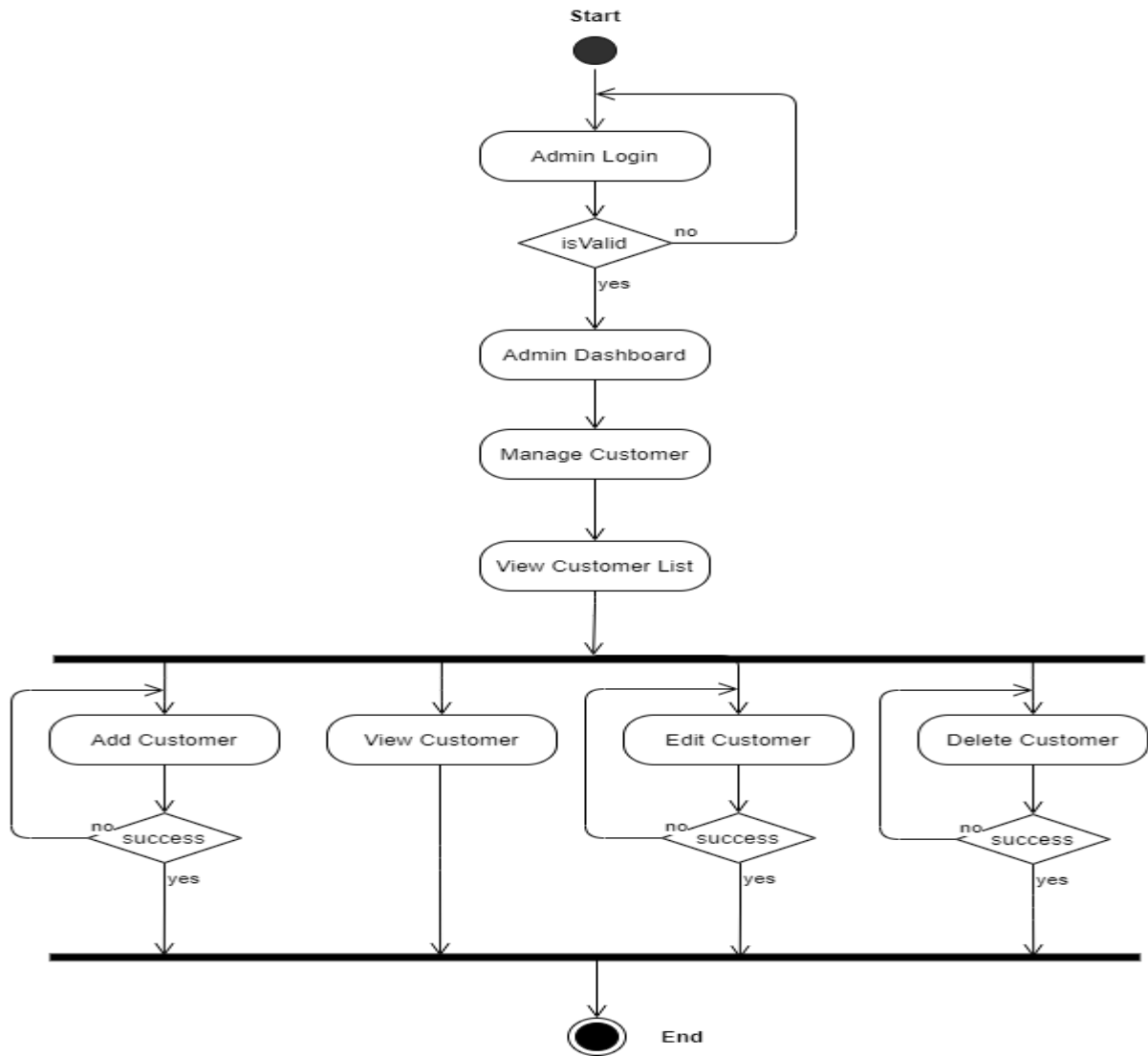


Figure 3.3. 14: Manage Customer Activity Diagram

3.3.15 Manage Company:

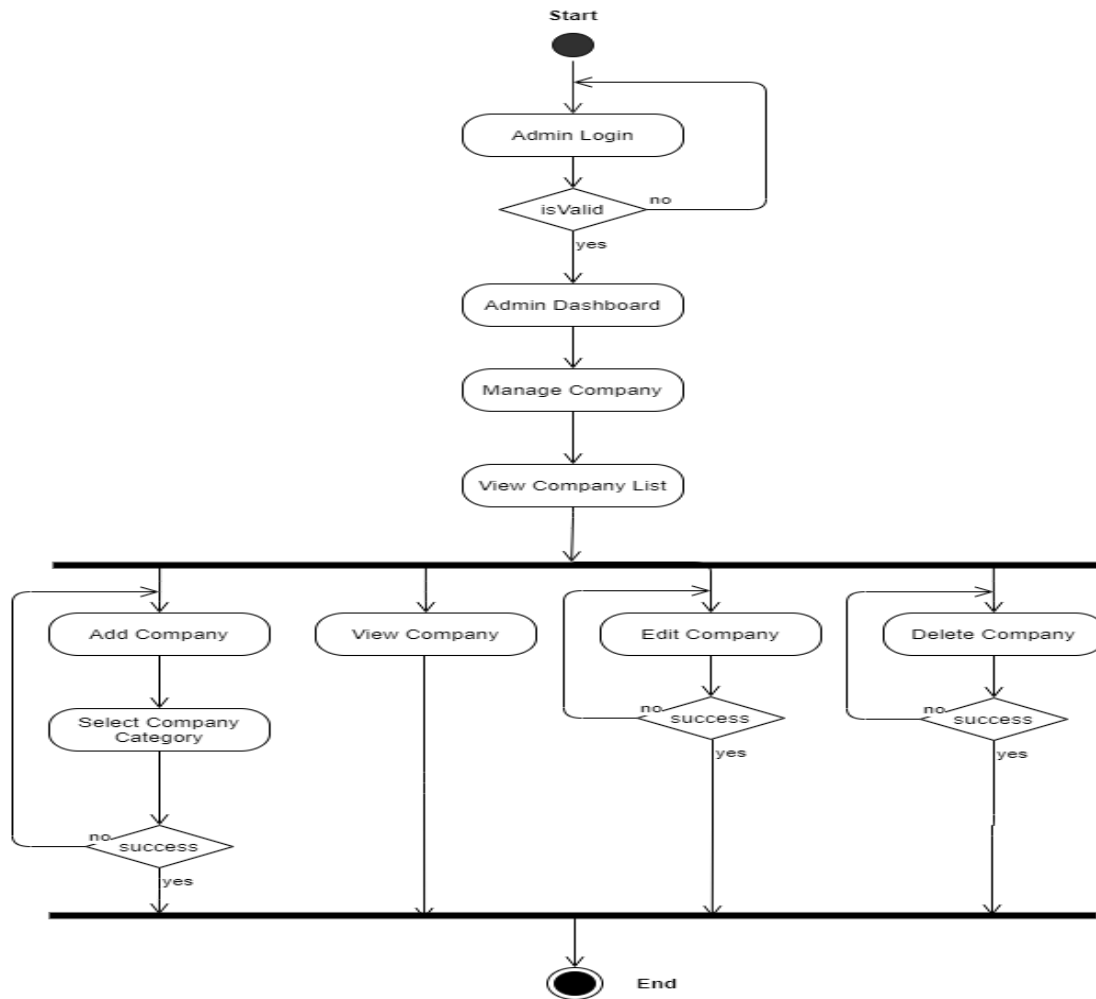


Figure 3.3. 15: Manage Company Activity Diagram

3.3.16 Manage Driver:

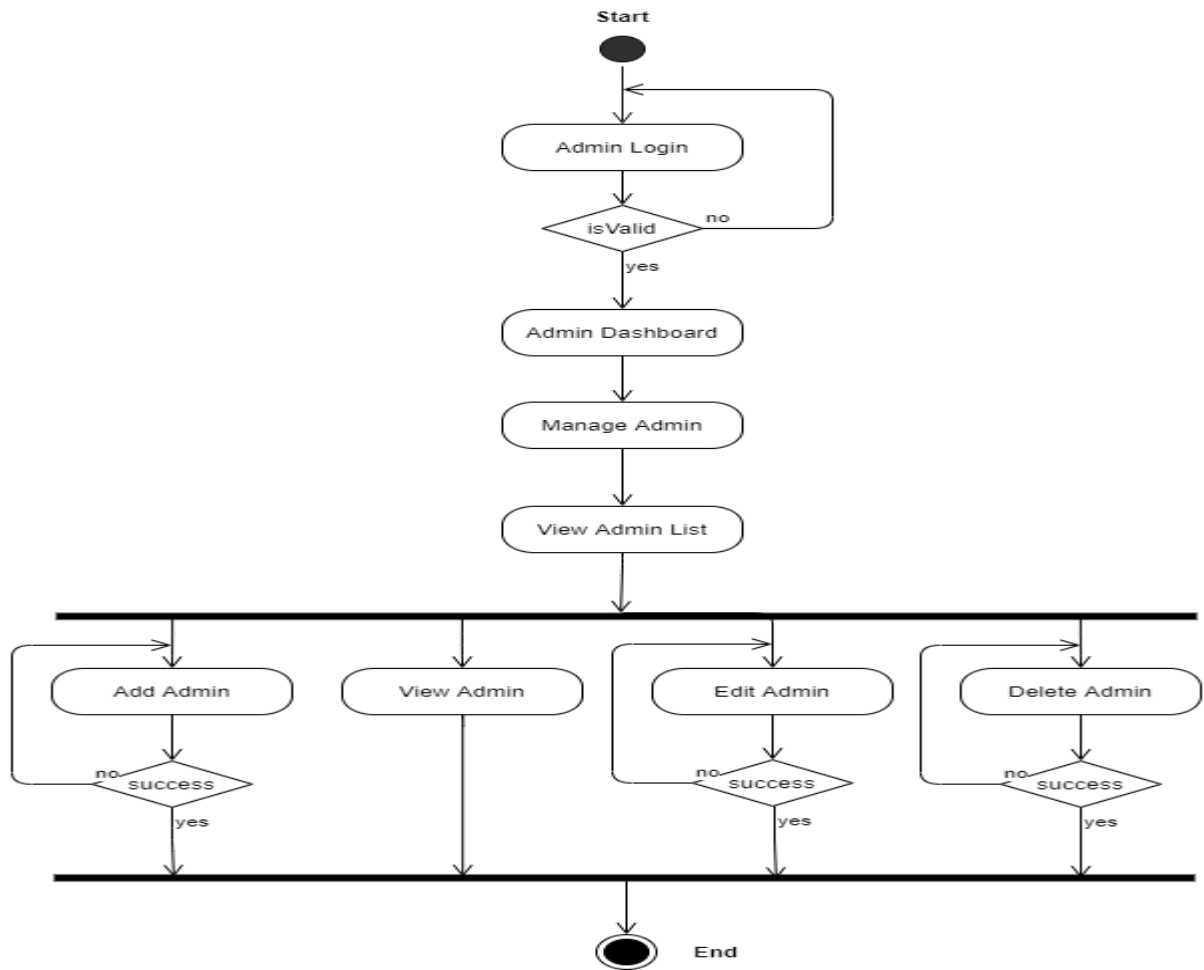


Figure 3.3. 16: Manage Driver Activity Diagram

3.3.17 Manage Admin:

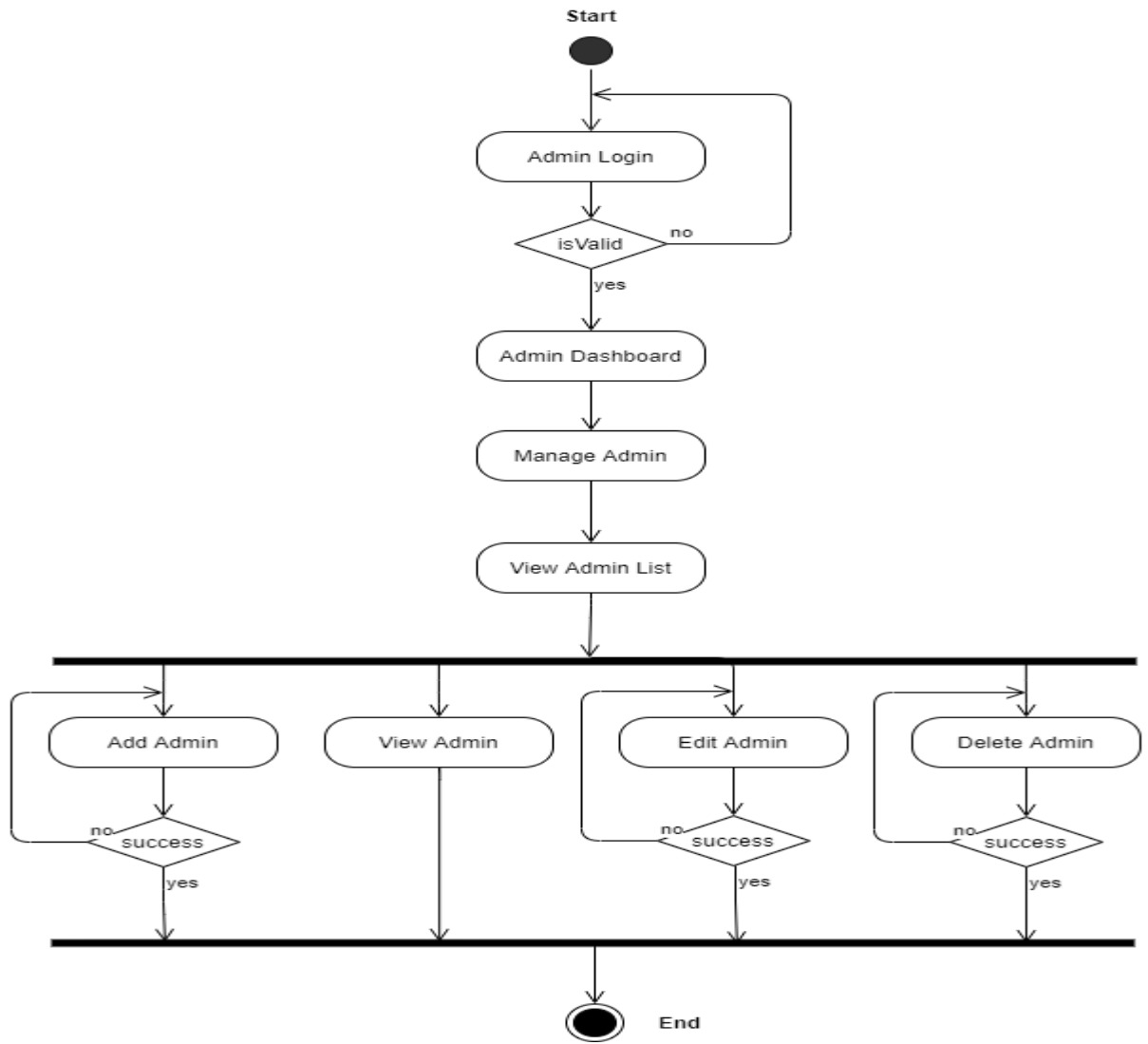


Figure 3.3. 17: Manage Admin Activity Diagram

3.3.18 Manage Setting:

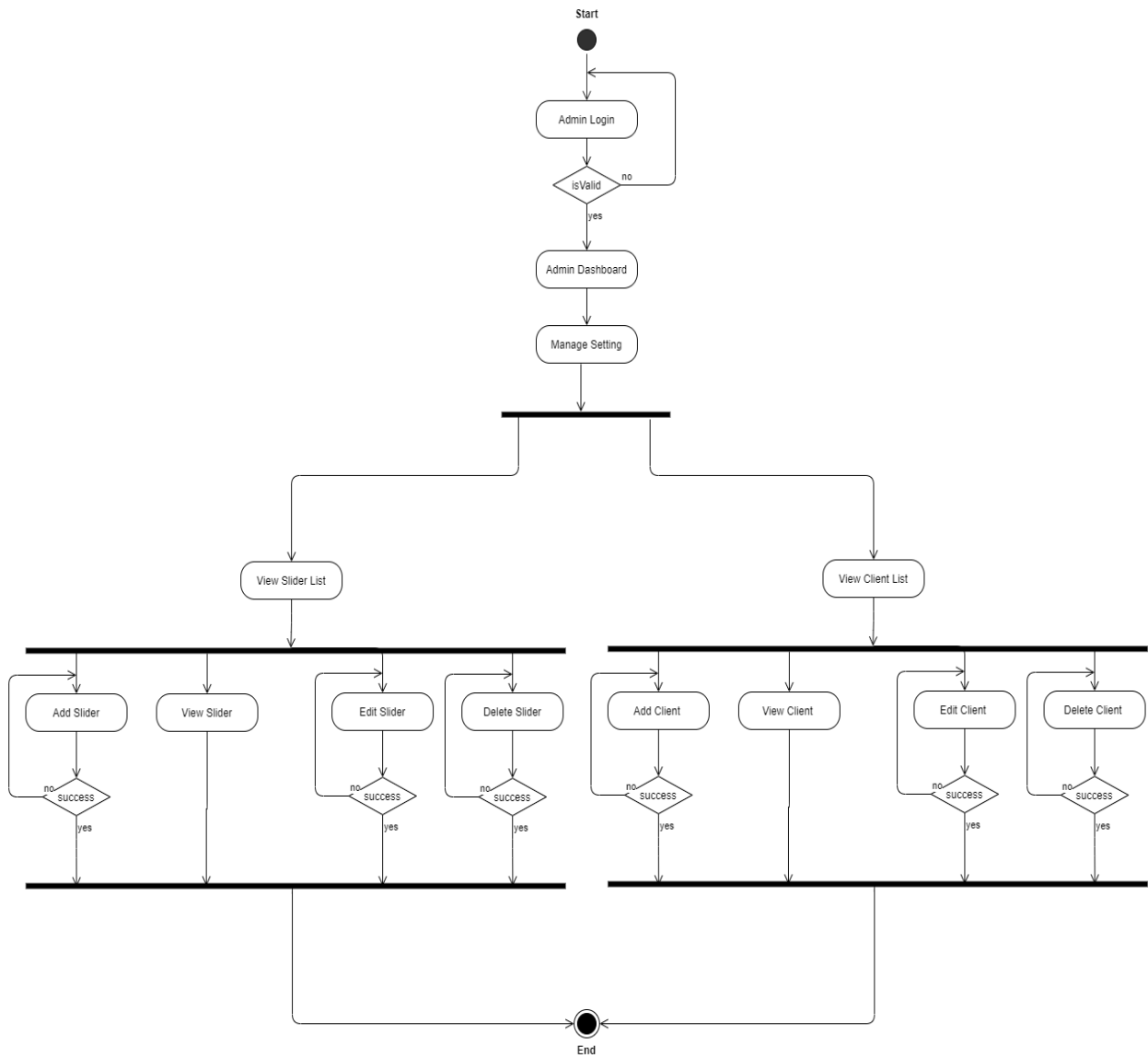


Figure 3.3. 18: Manage Setting Activity Diagram

3.3.19 Manage Blog:

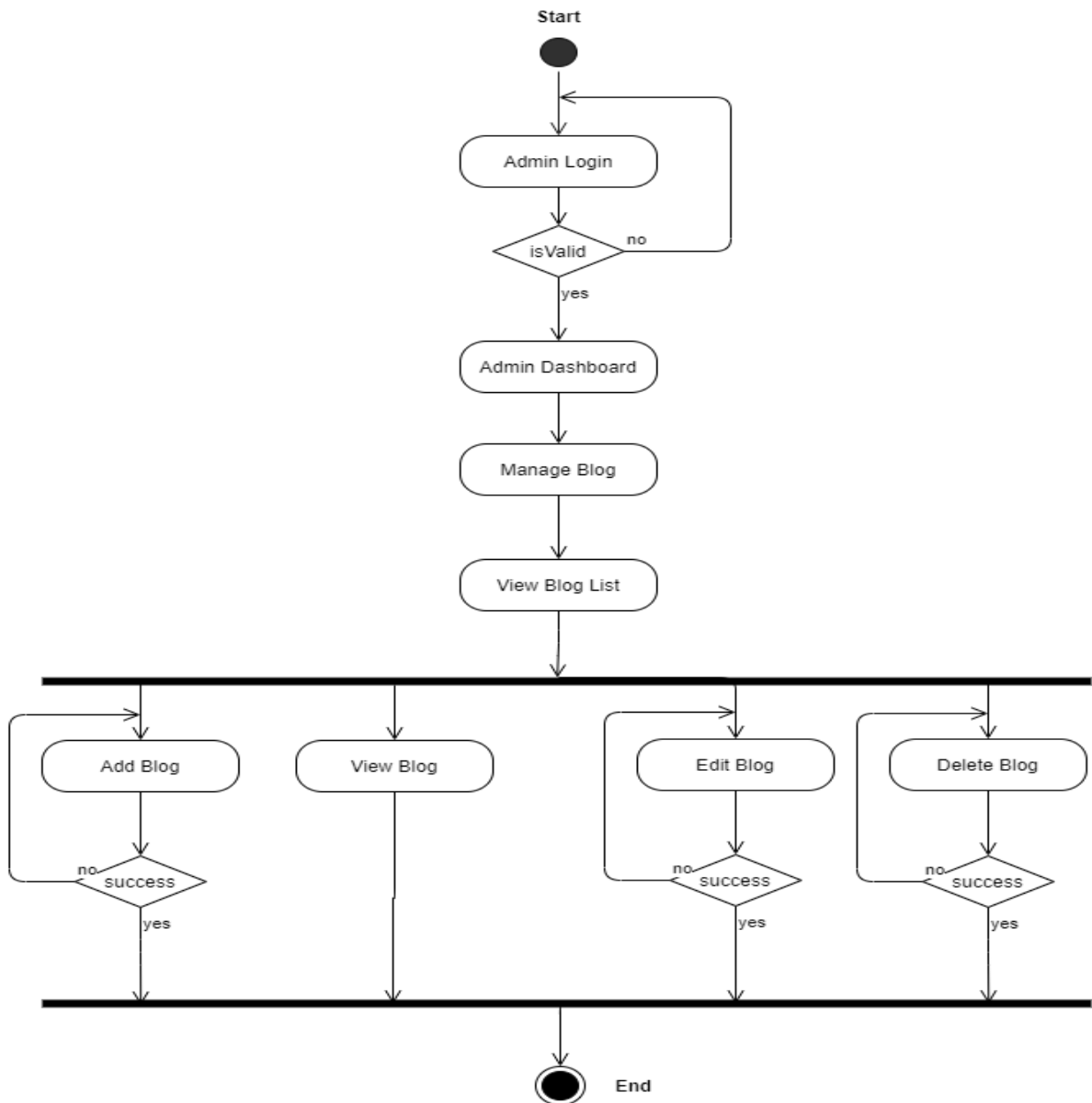


Figure 3.3. 19: Manage Blog Activity Diagram

3.3.20 Manage Truck Category:

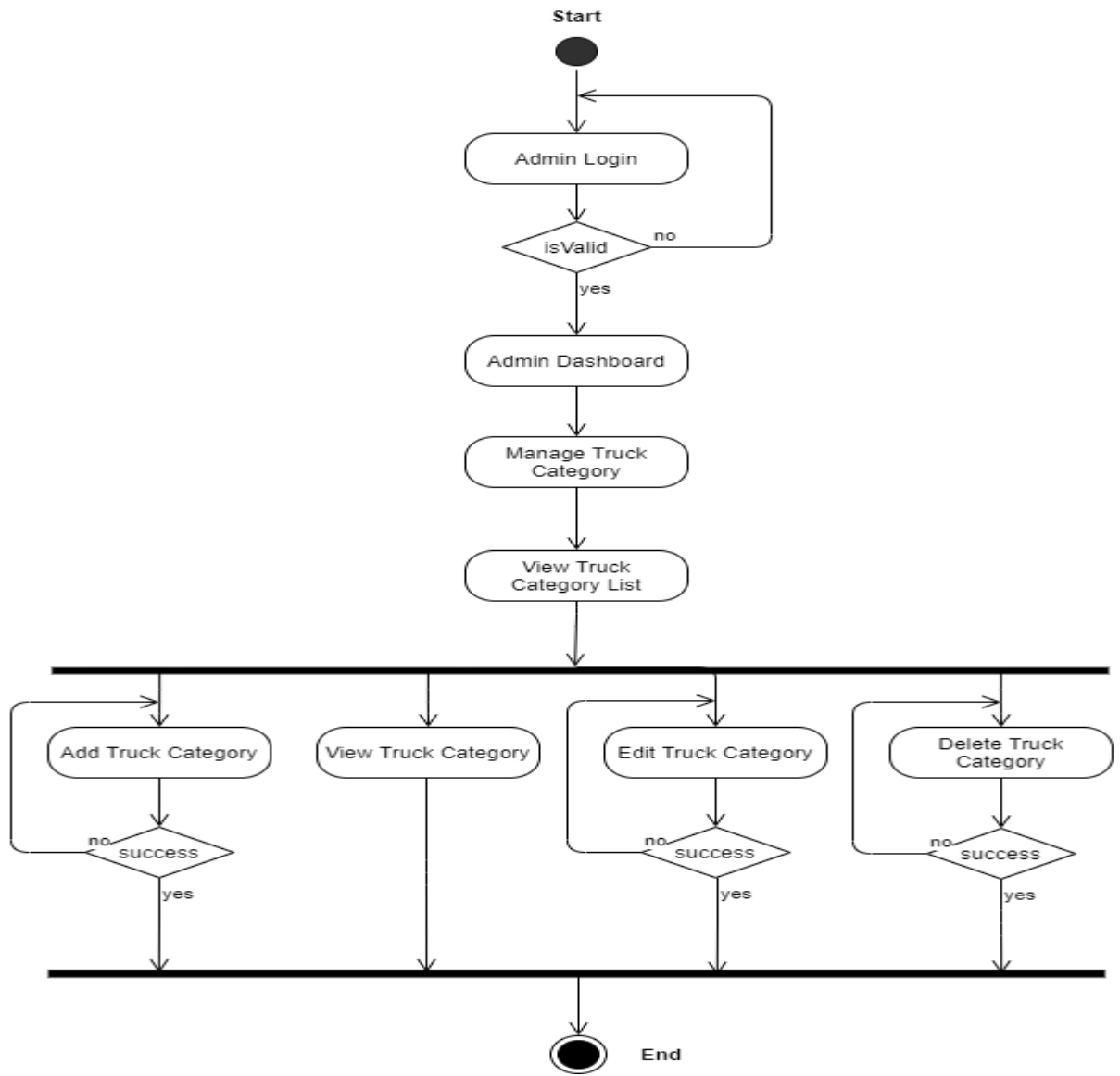


Figure 3.3. 20: Manage Truck Category Activity Diagram

3.3.21 Manage Language:

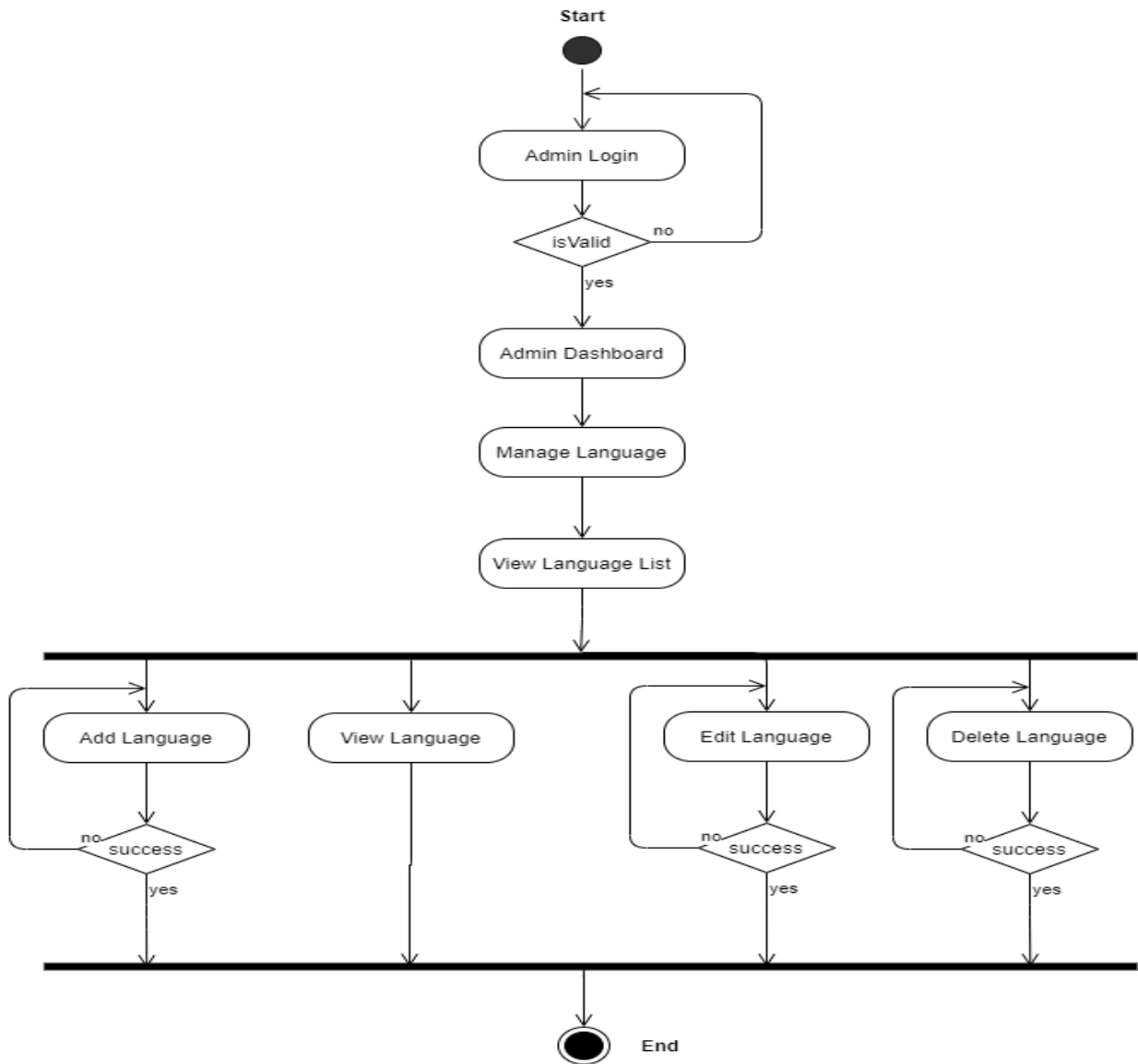


Figure 3.3. 21: Manage Language Activity Diagram

3.4 System Sequence Diagram

3.4.1 Users Registration

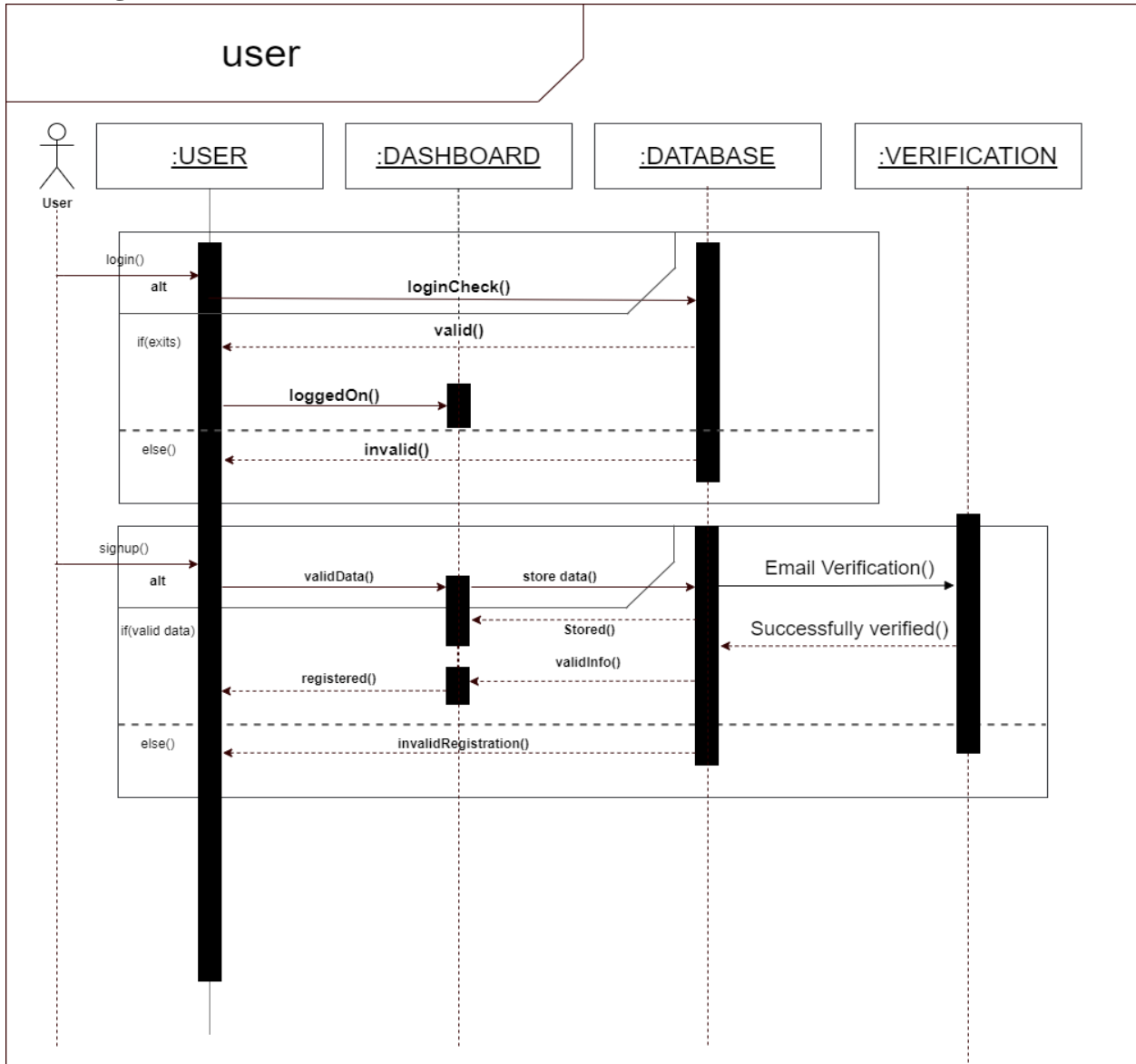


Figure 3.4. 1: User Registration Sequence Diagram

3.4.2 User Login

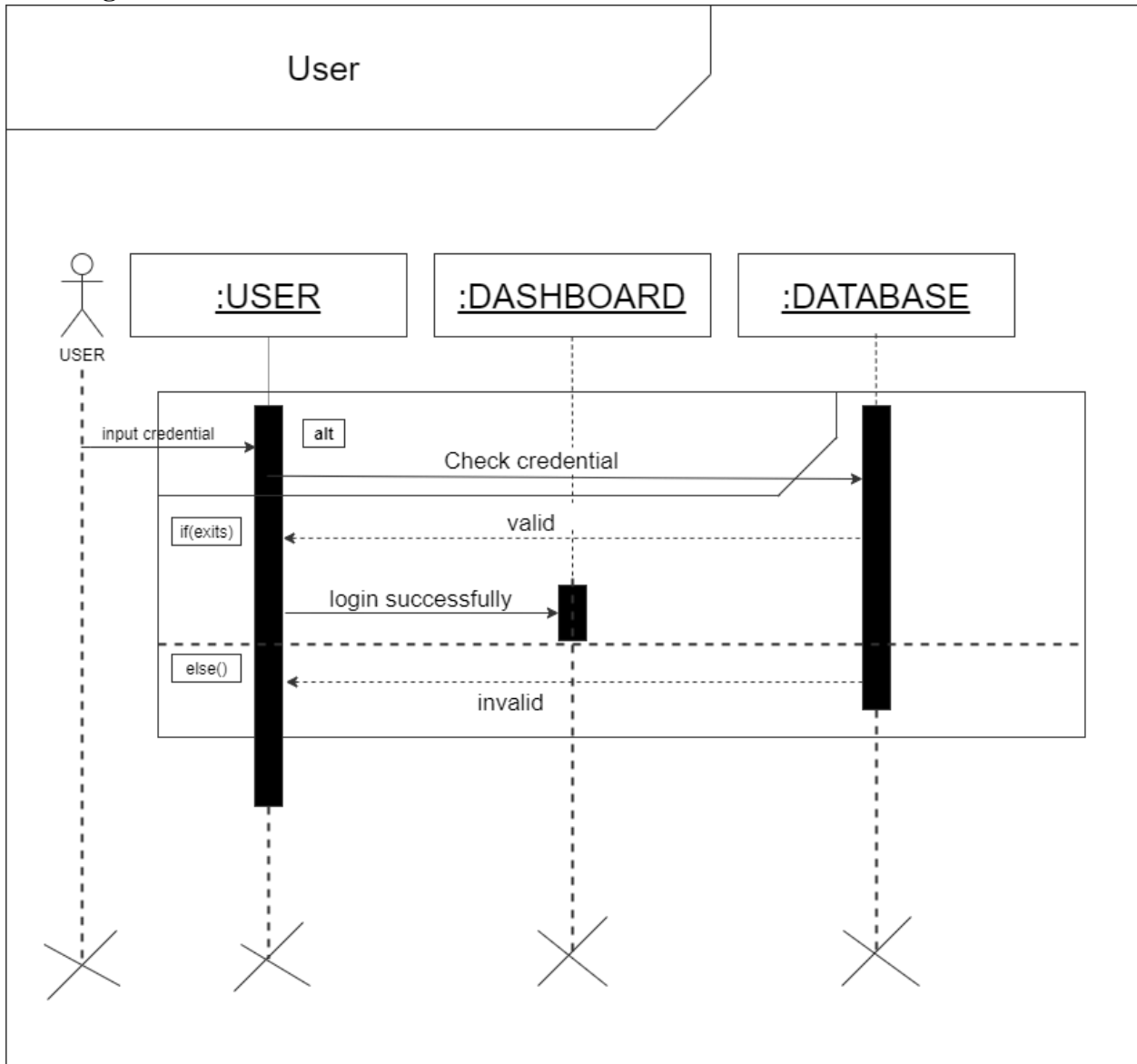


Figure 3.4. 2: User Login Sequence Diagram

3.4.3 Admin Update Profile

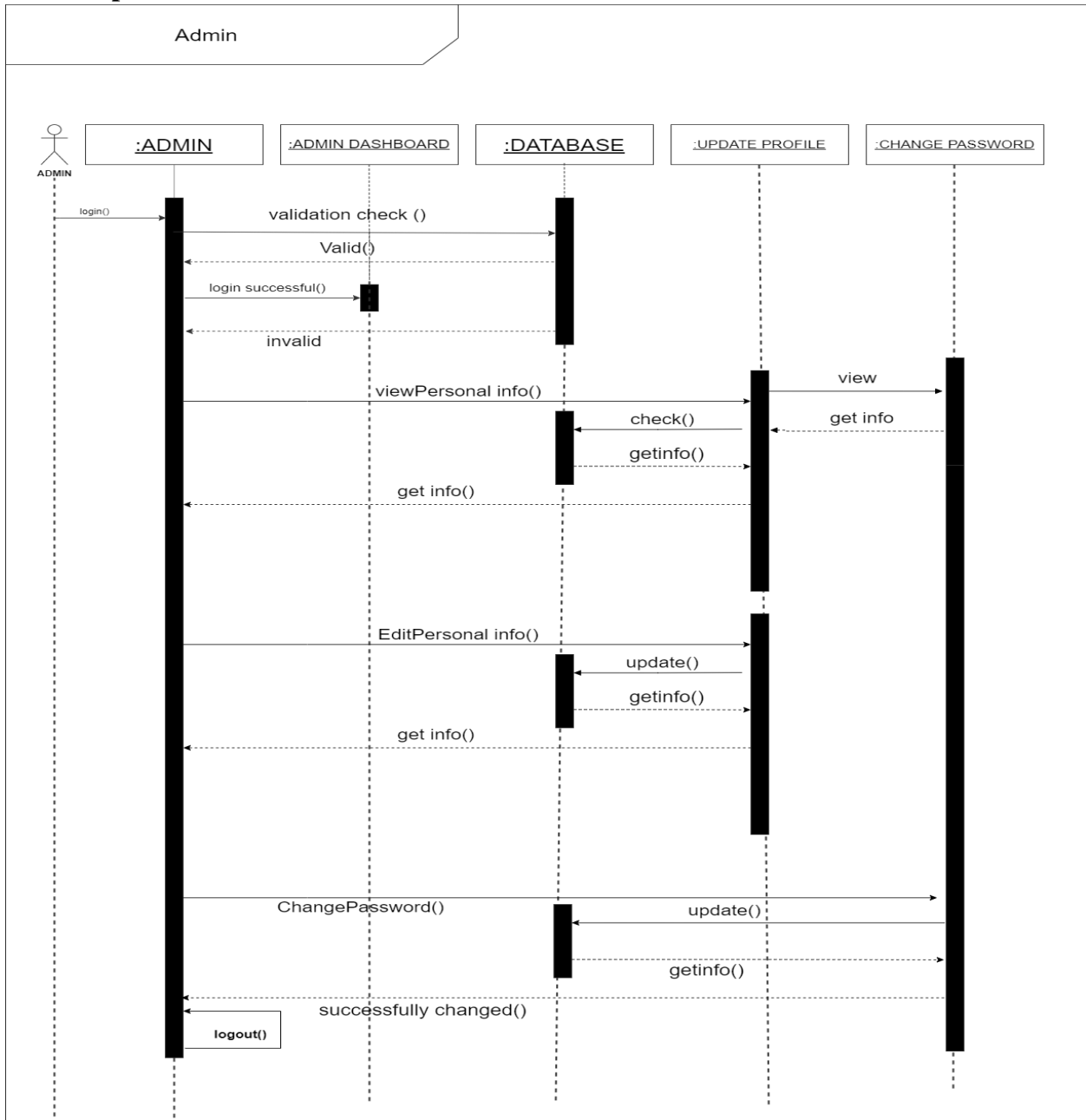


Figure 3.4. 3: Admin Update Profile Sequence Diagram

3.4.4 Customer Make Trip

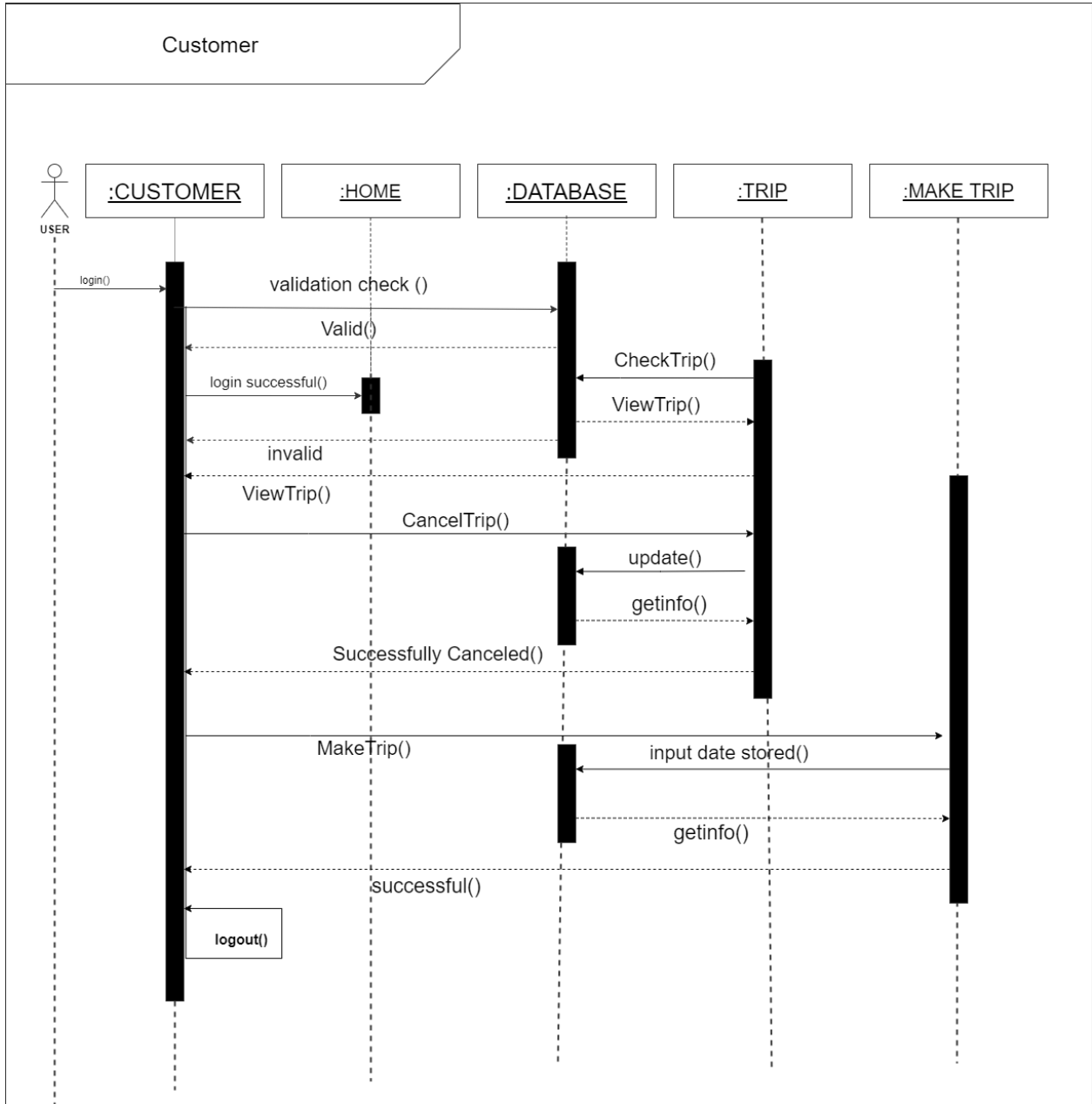


Figure 3.4. 4: Customer Make Trip Sequence Diagram

3.4.5 Users View Trip

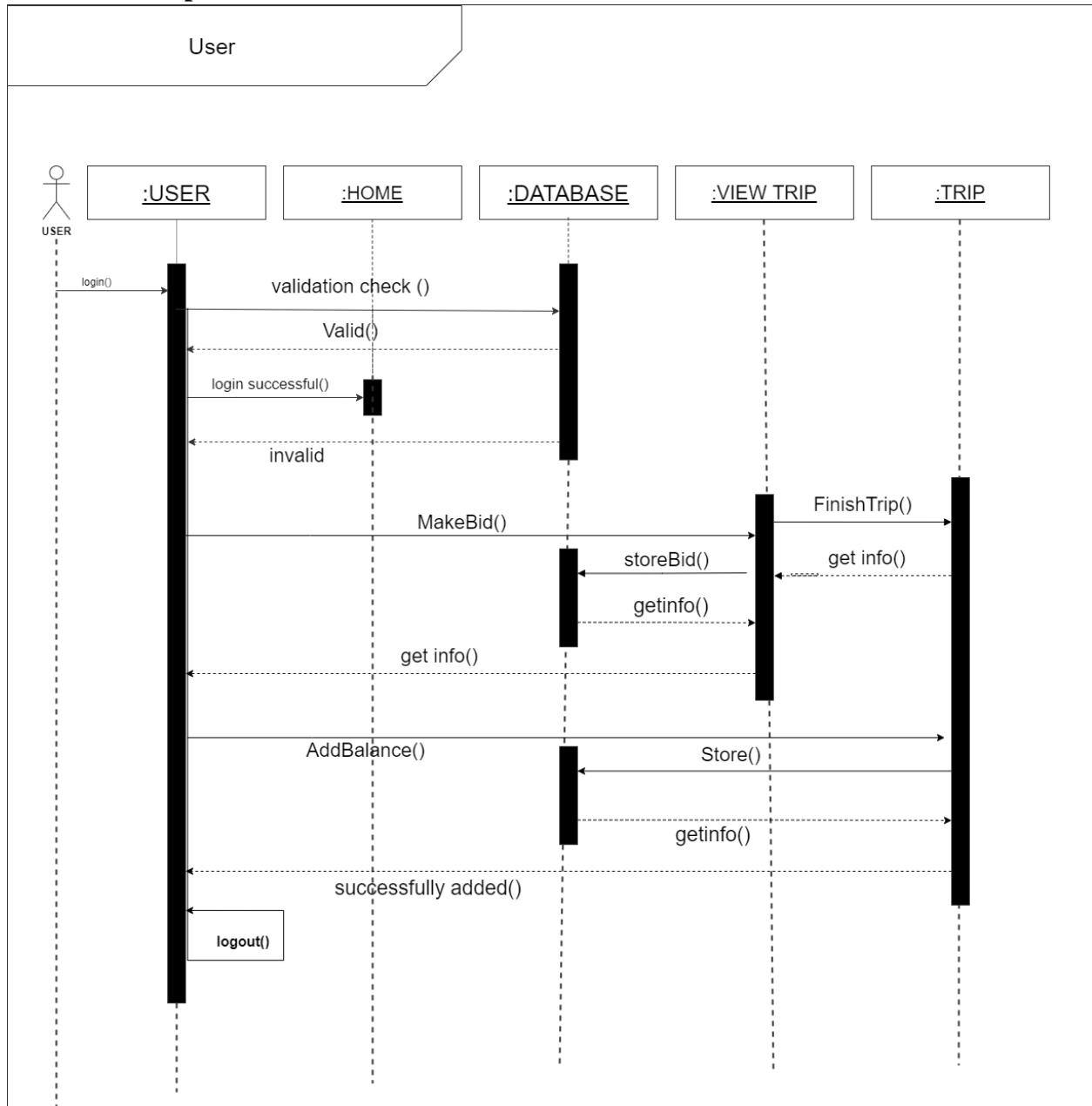


Figure 3.4. 5: Users view Trip Sequence Diagram

3.4.6 Customer Approve Bid

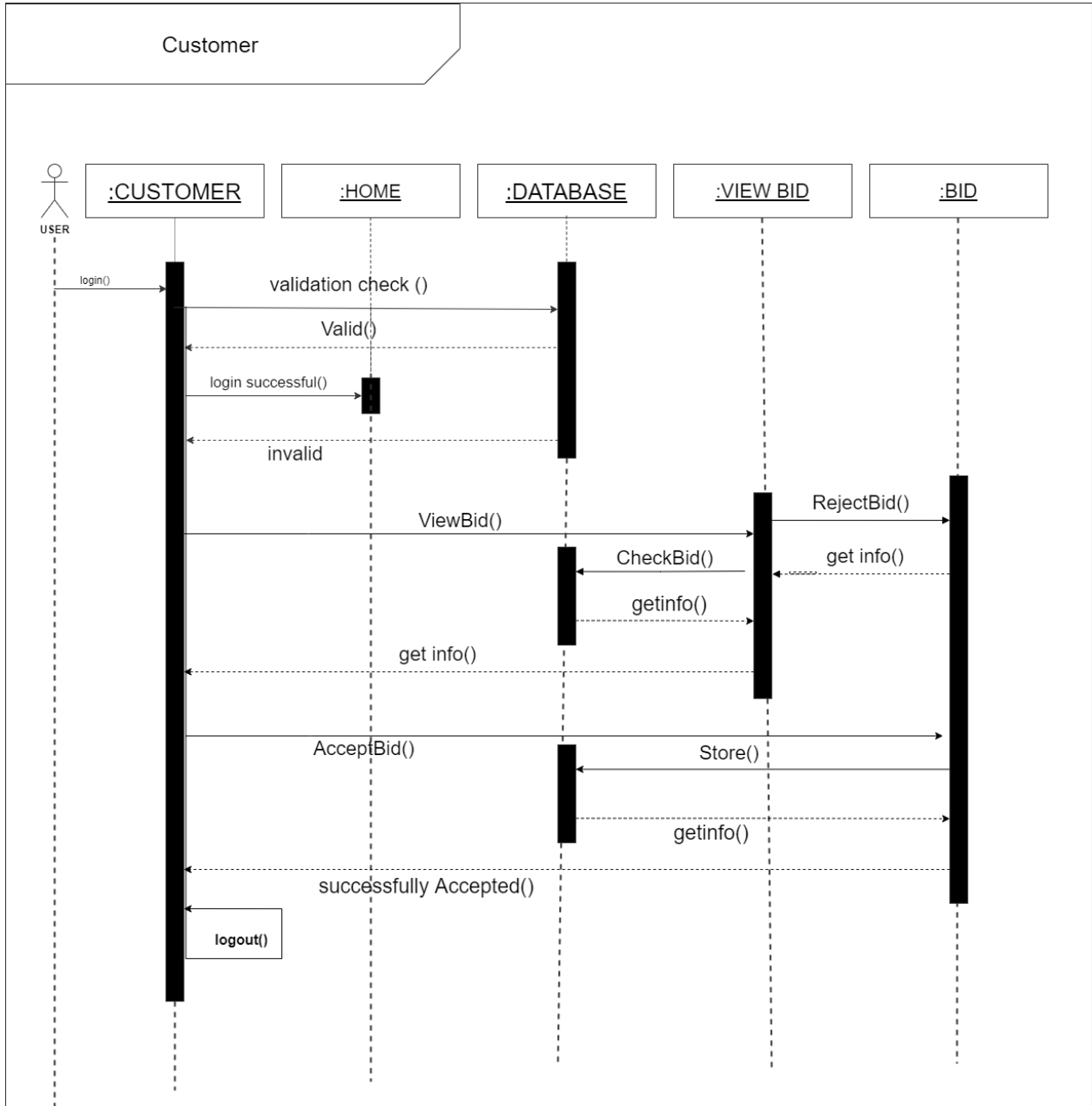


Figure 3.4. 6: Customer Approve Bid Sequence Diagram

3.4.7 Bid & Finish Trip

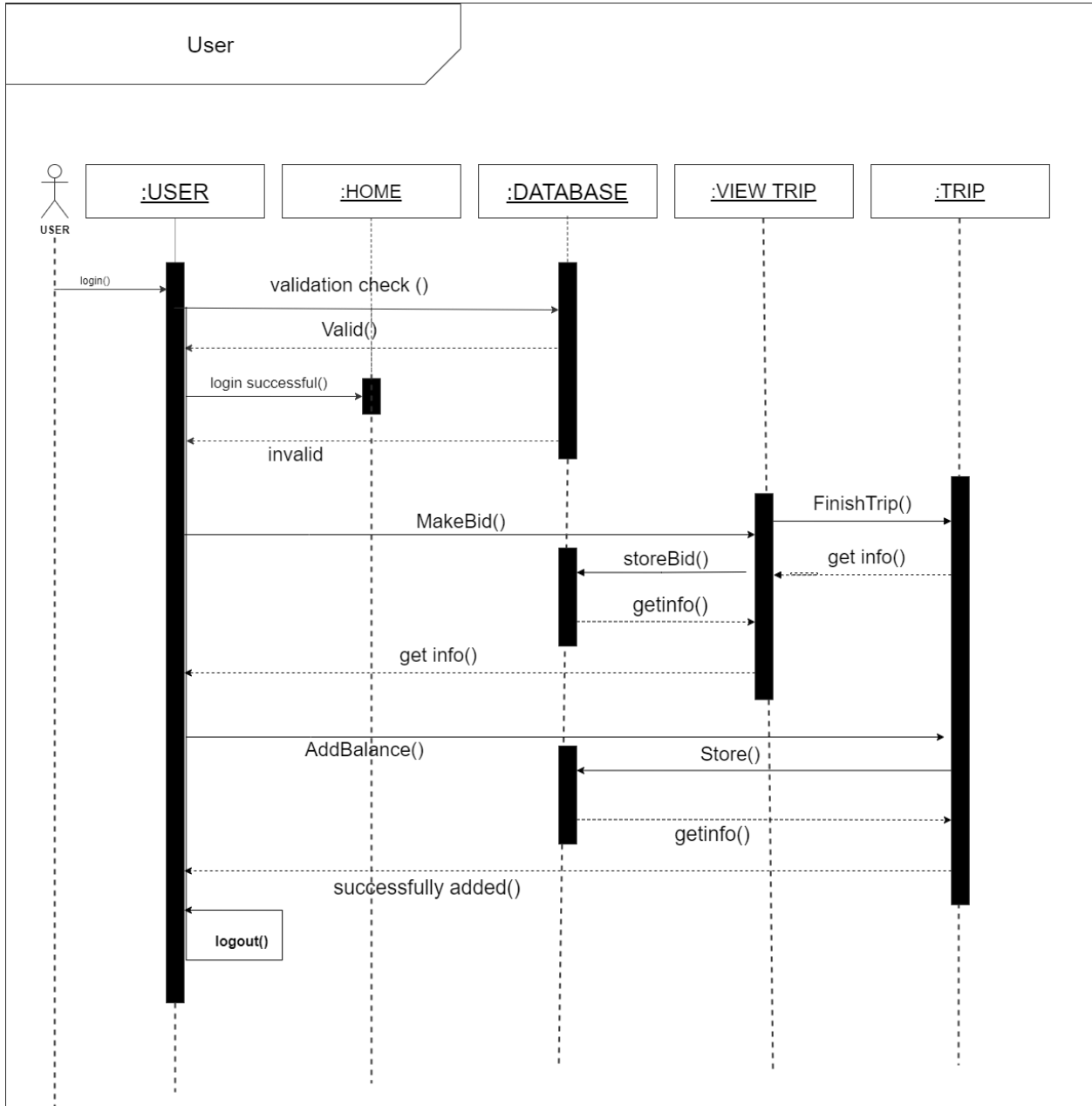


Figure 3.4. 7: Bid & Finish Trip Sequence Diagram

3.4.8 Post Job

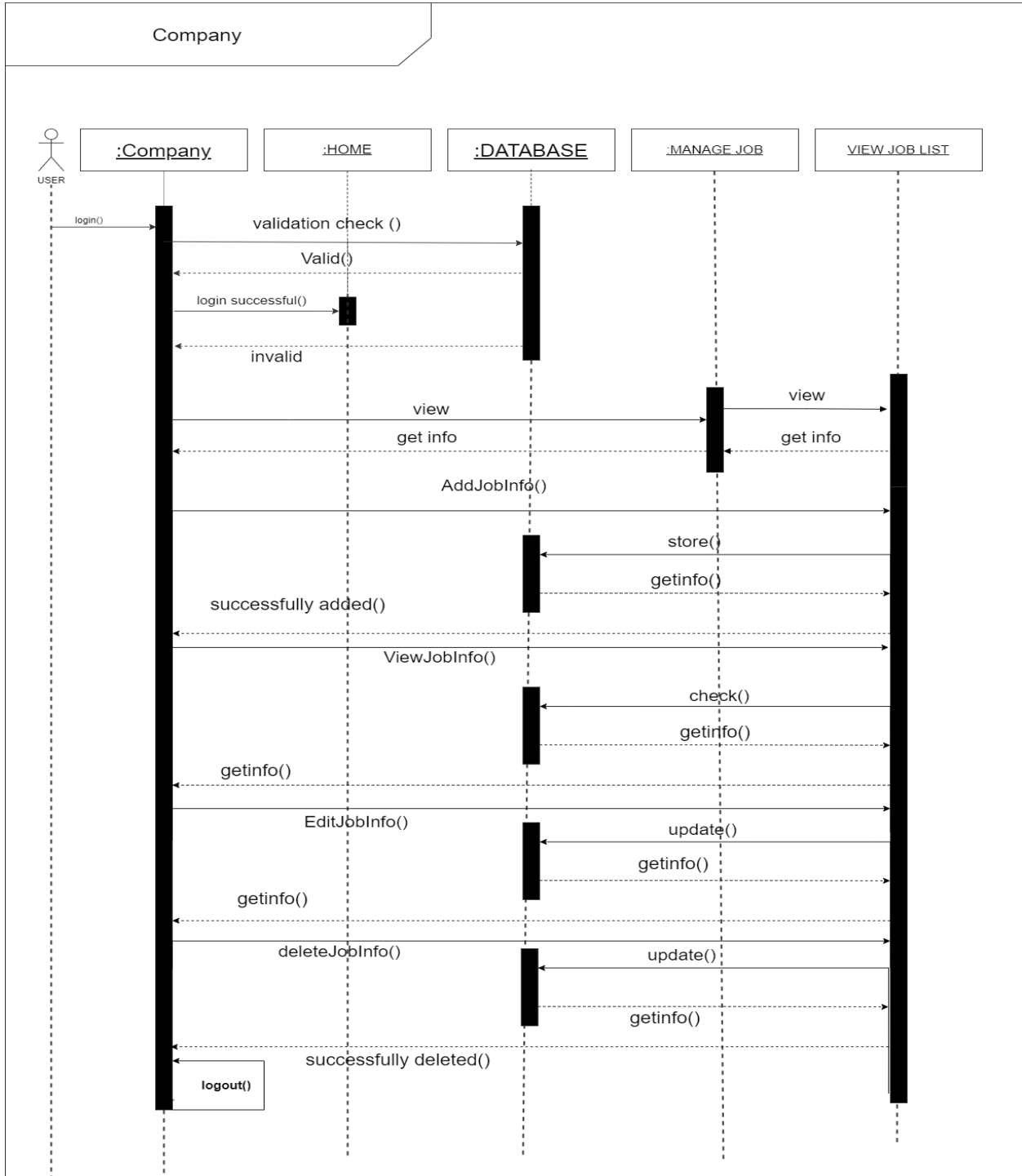


Figure 3.4. 8: Post Job Sequence Diagram

3.4.9 View Blog

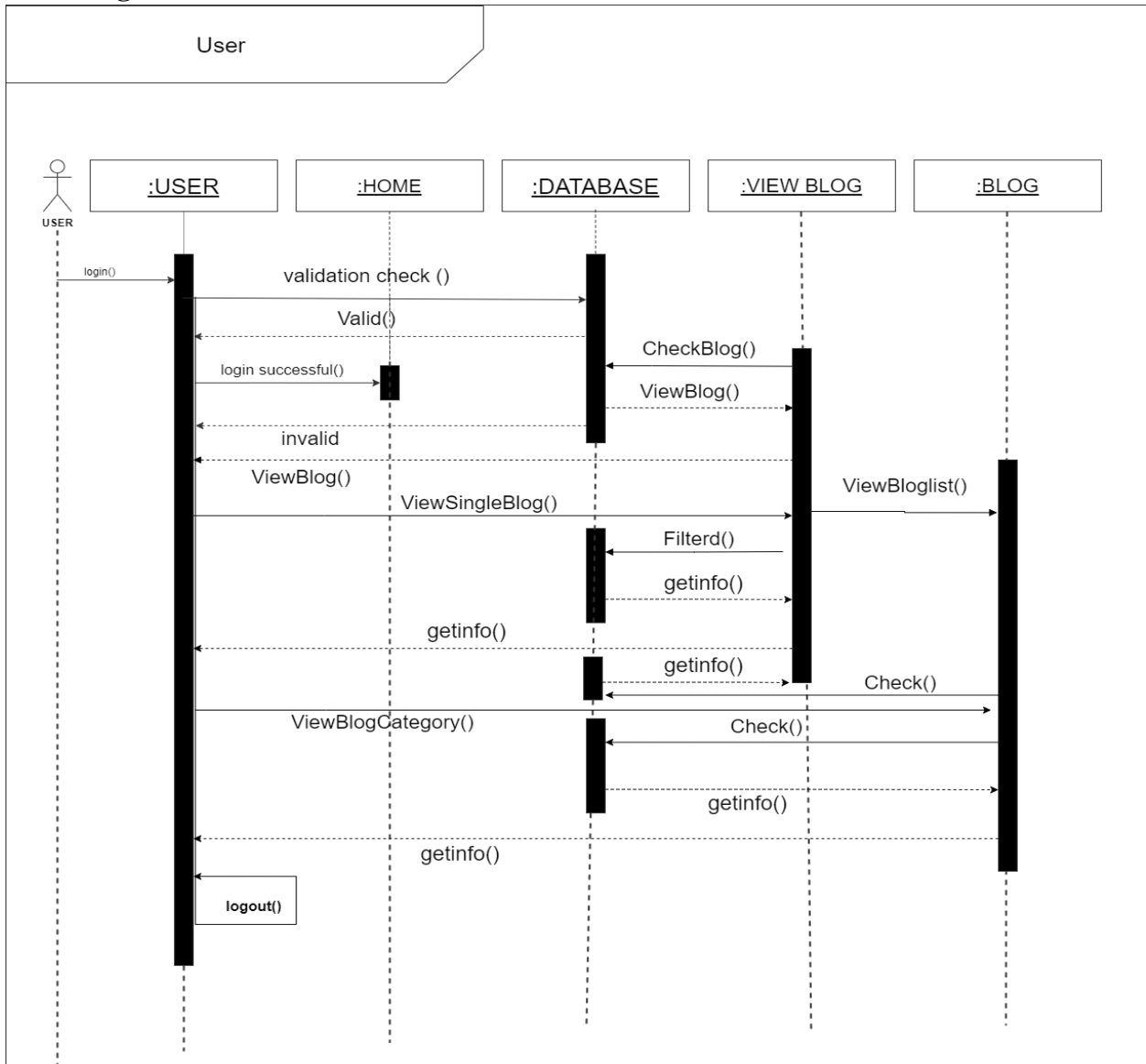


Figure 3.4. 9: View Blog Sequence Diagram

3.4.10 Manage Truck

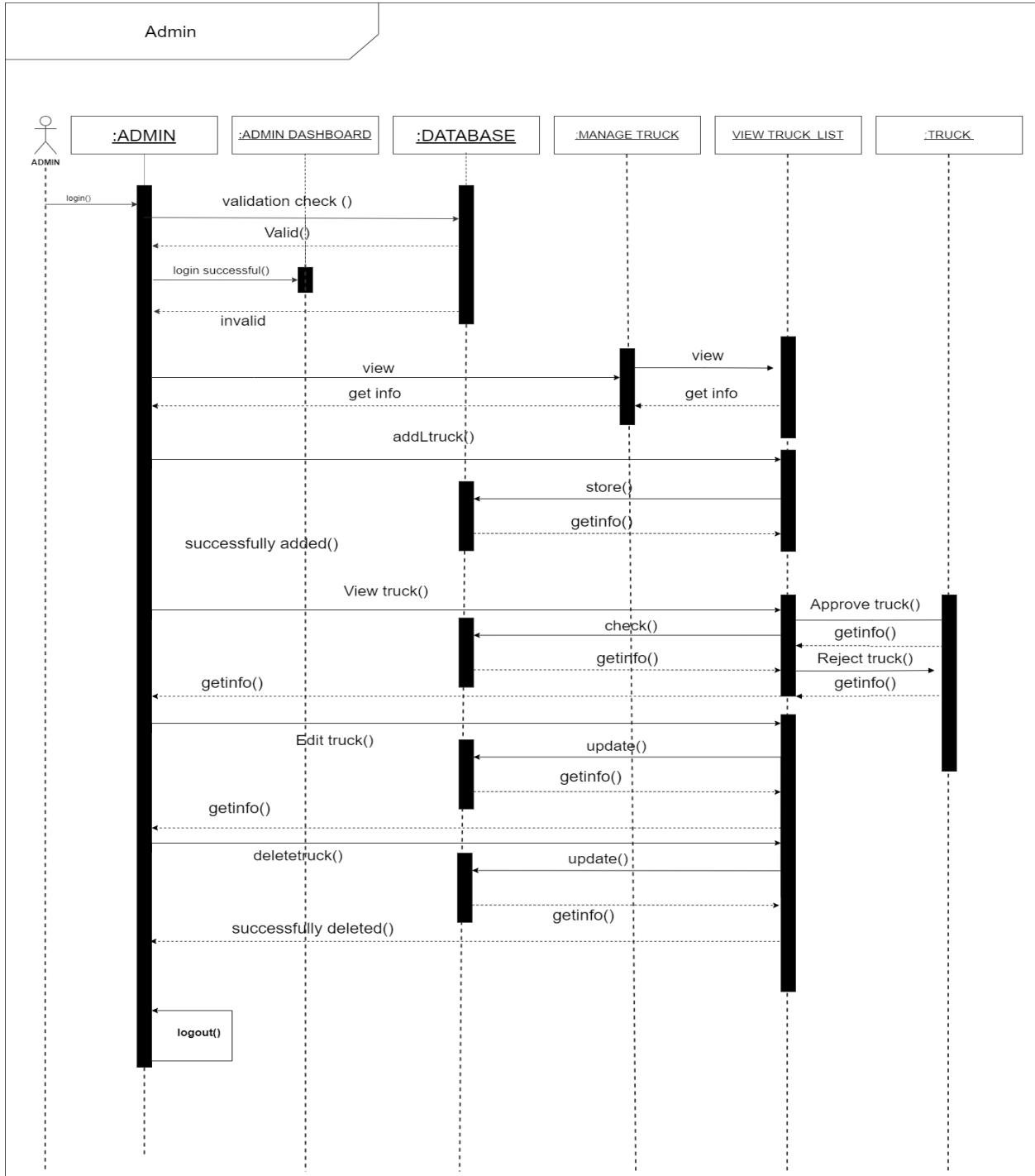


Figure 3.4. 10: Manage Truck Sequence Diagram

3.4.11 Give Rating

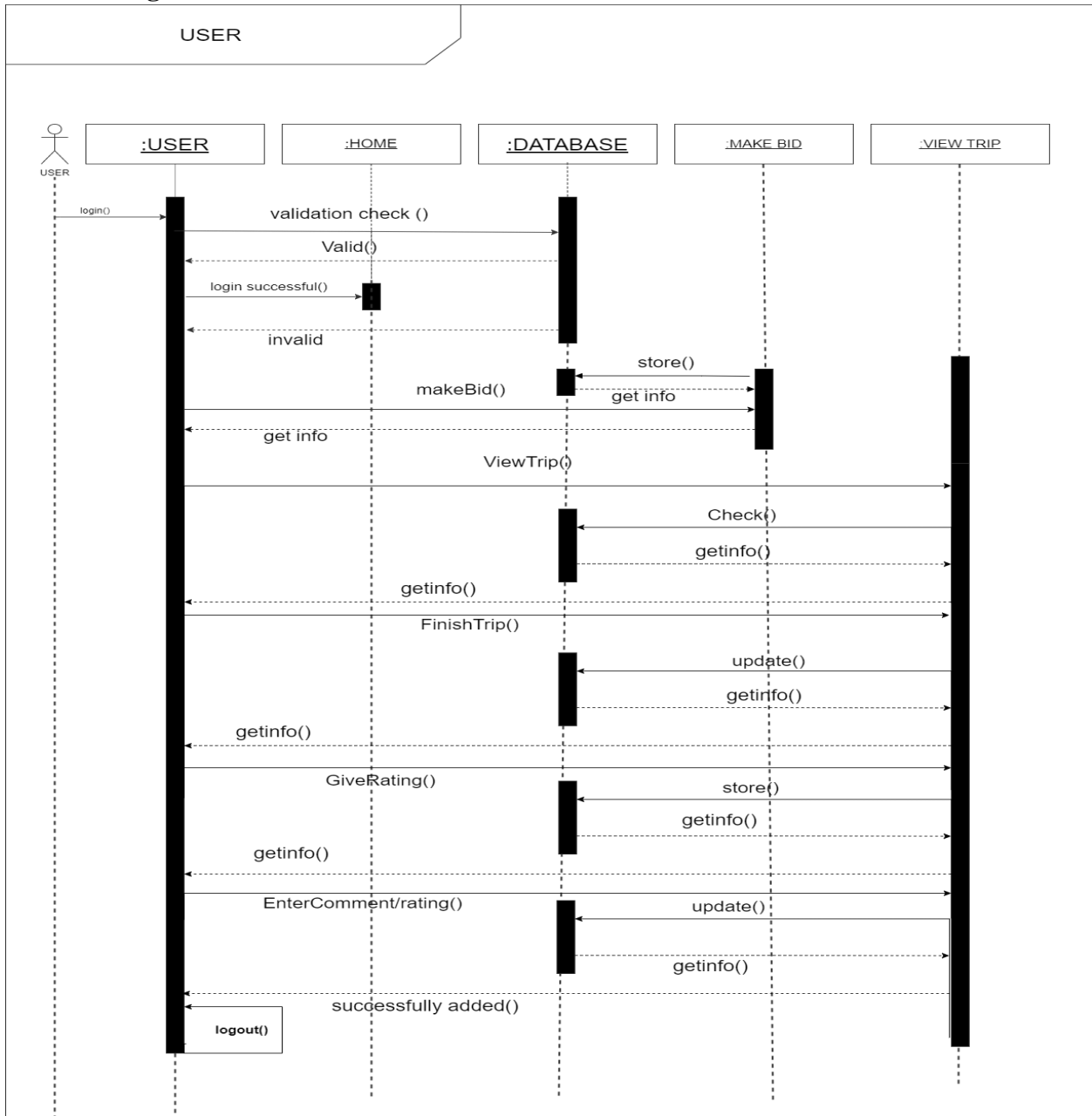


Figure 3.4. 11: Give Rating Sequence Diagram

3.4.12 Add Testimonial

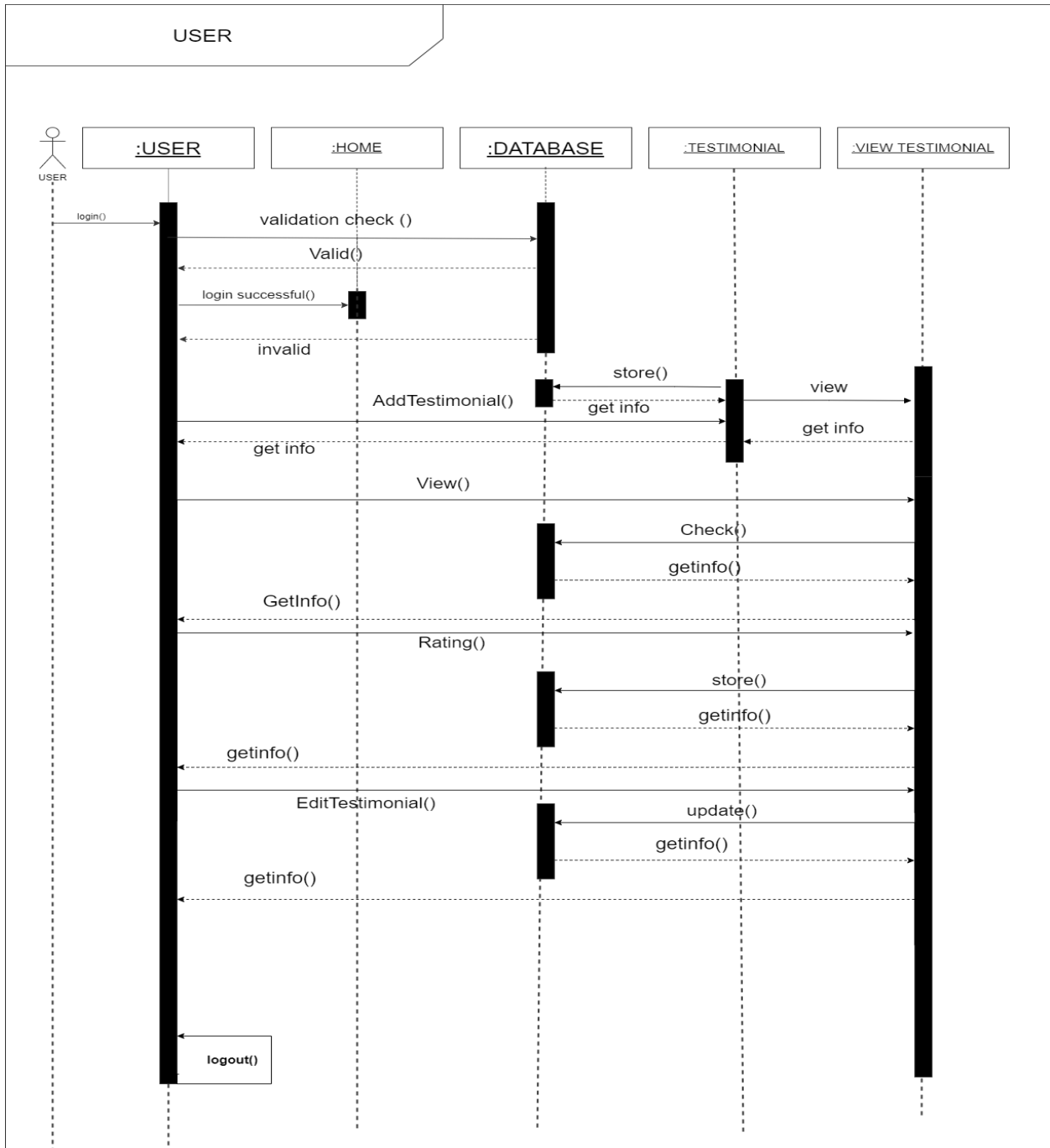


Figure 3.4. 12: Add Testimonial Sequence Diagram

3.4.13 Admin Login

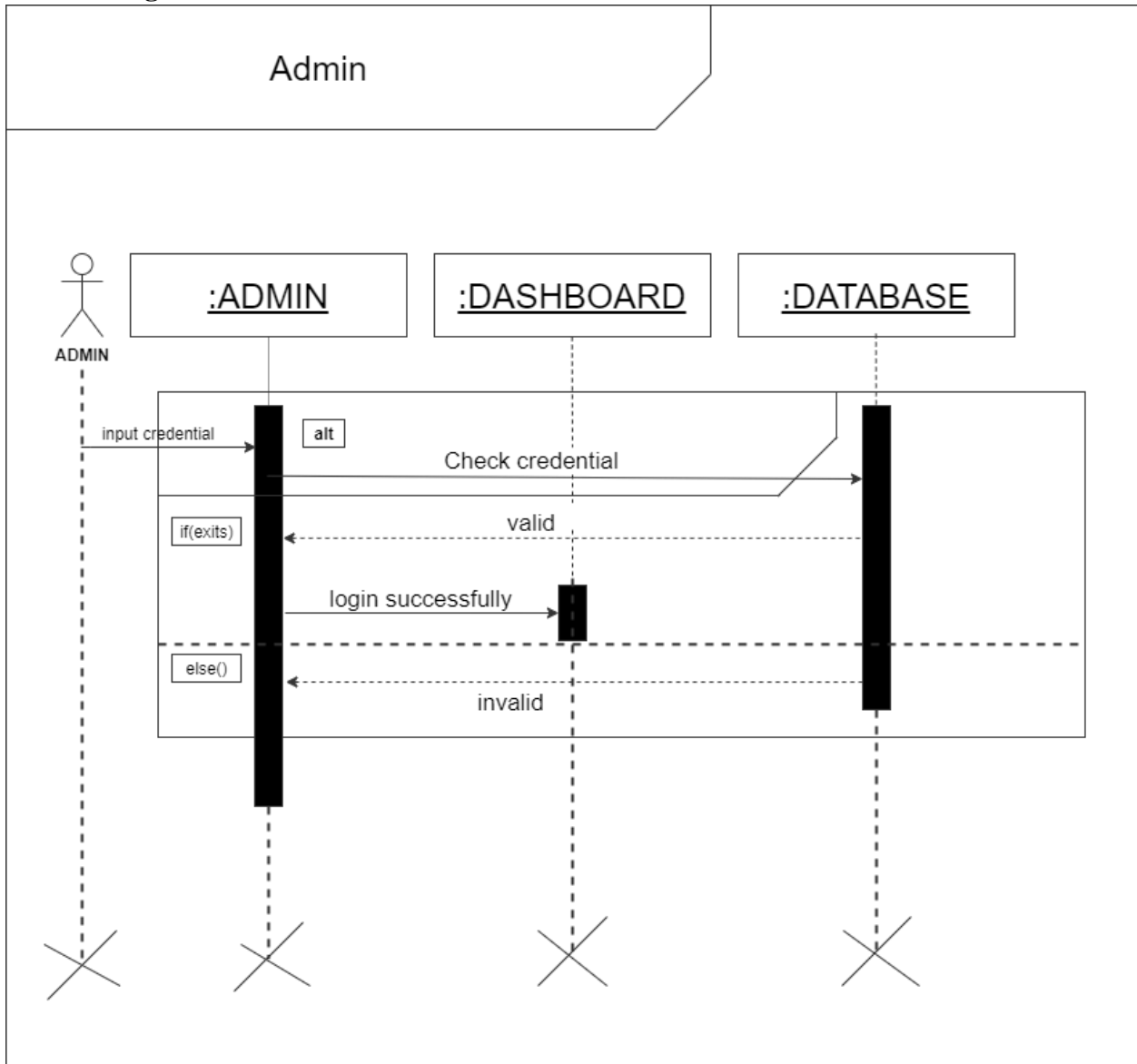


Figure 3.4. 13: Admin Login Sequence Diagram

3.4.14 Manage Customer

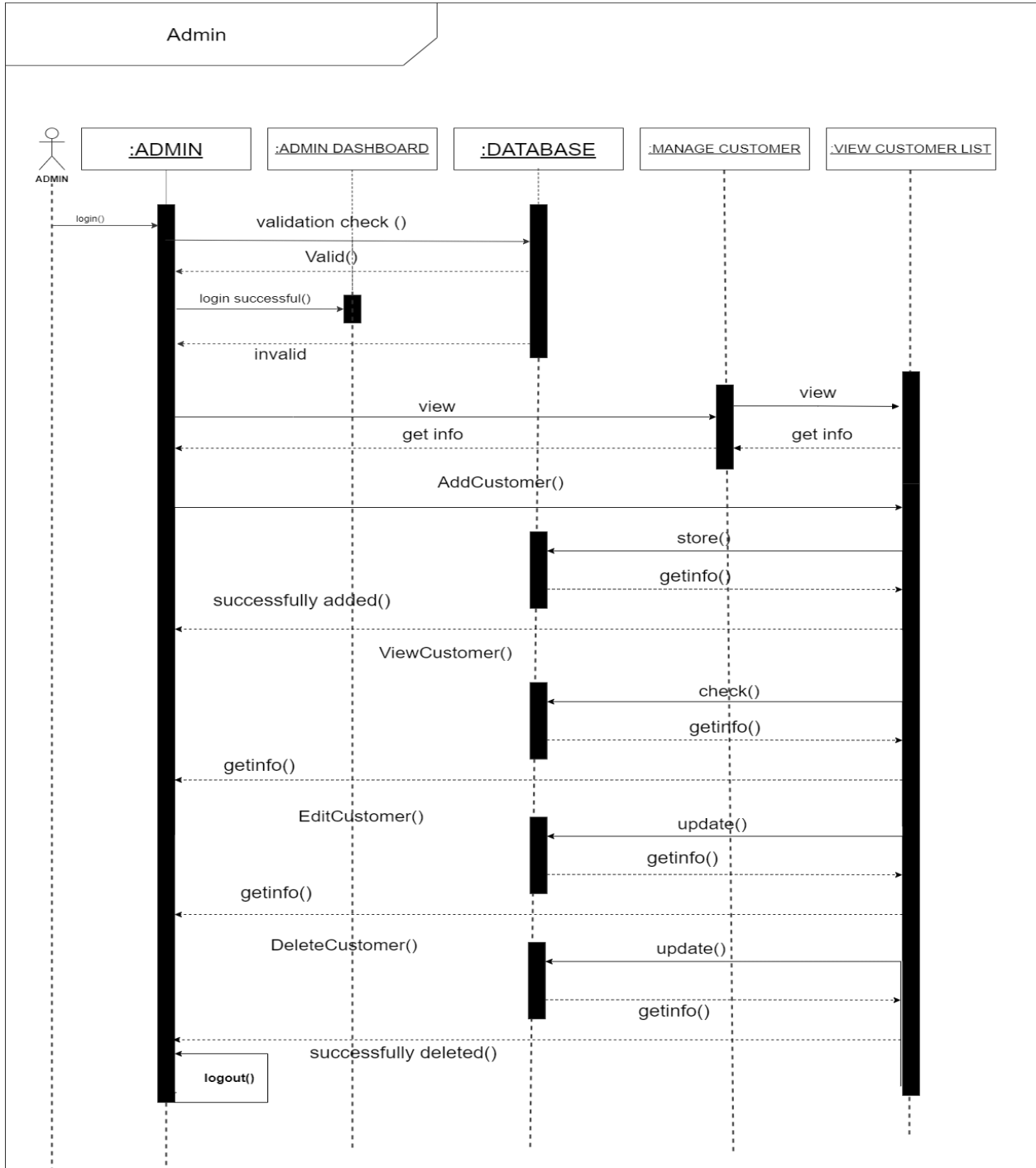


Figure 3.4. 14: Manage Customer Sequence Diagram

3.4.15 Manage Company

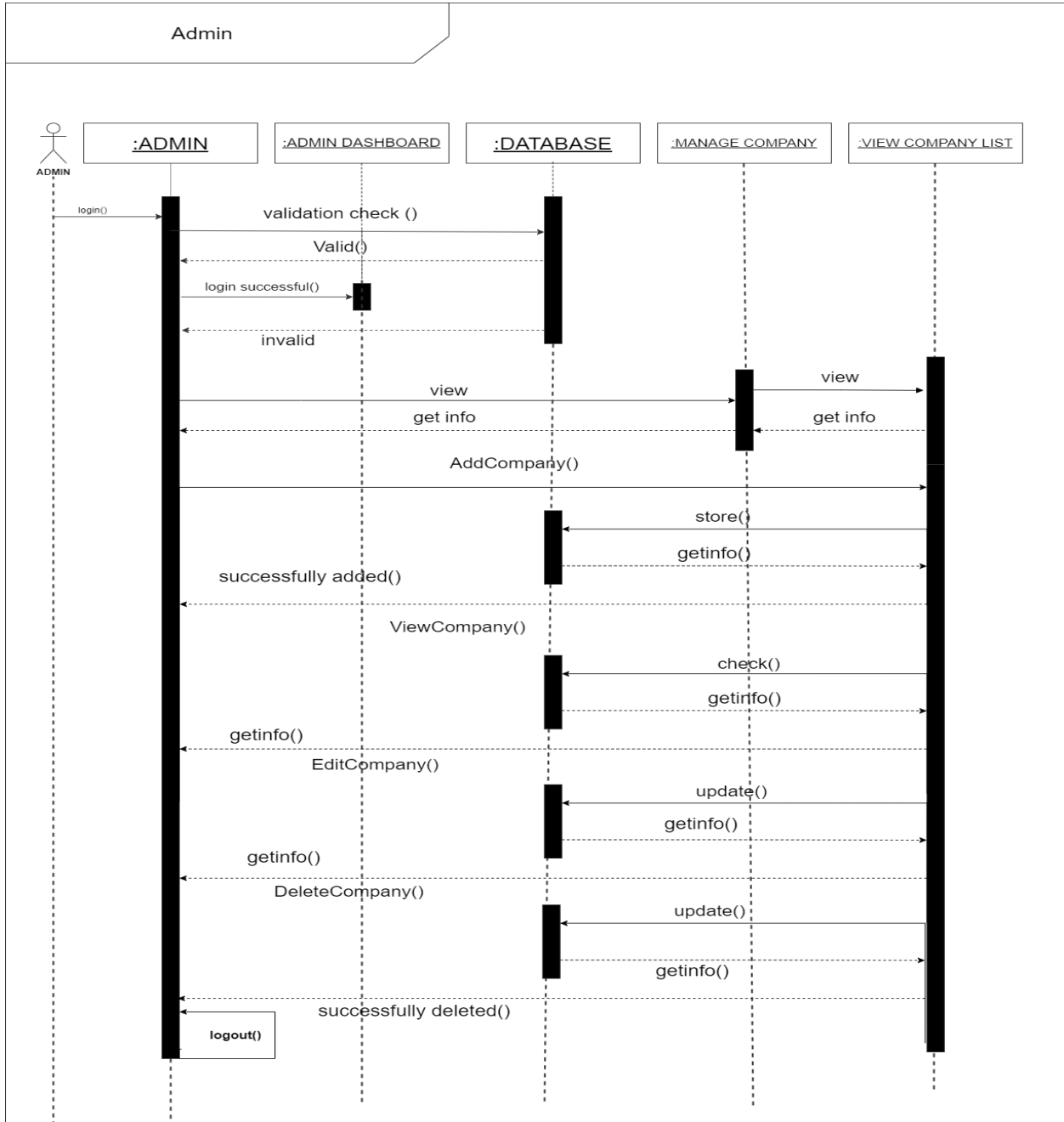


Figure 3.4. 15: Manage Company Sequence Diagram

3.4.16 Manage Driver

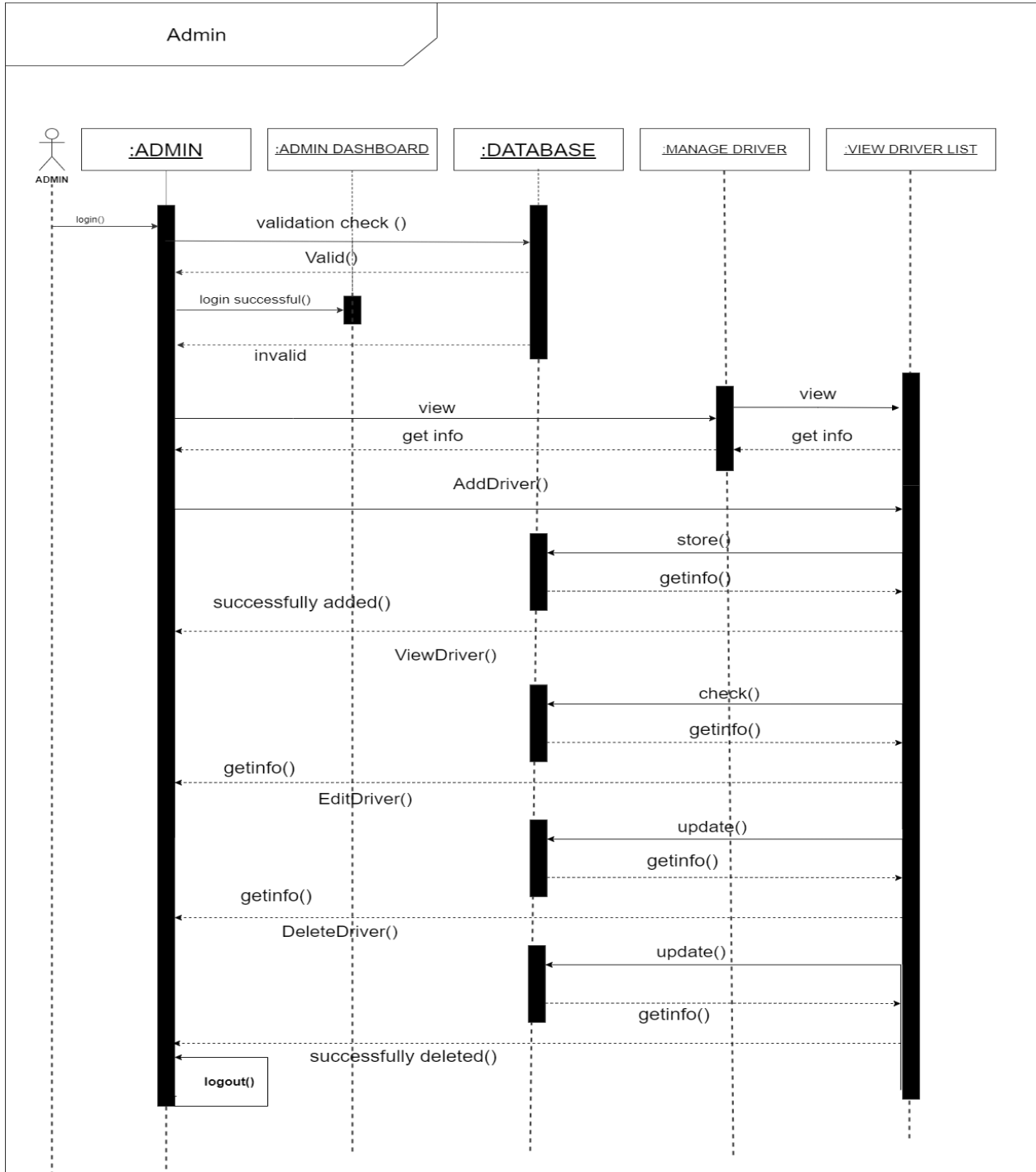


Figure 3.4. 16: Manage Driver Sequence Diagram

3.4.17 Manage Admin

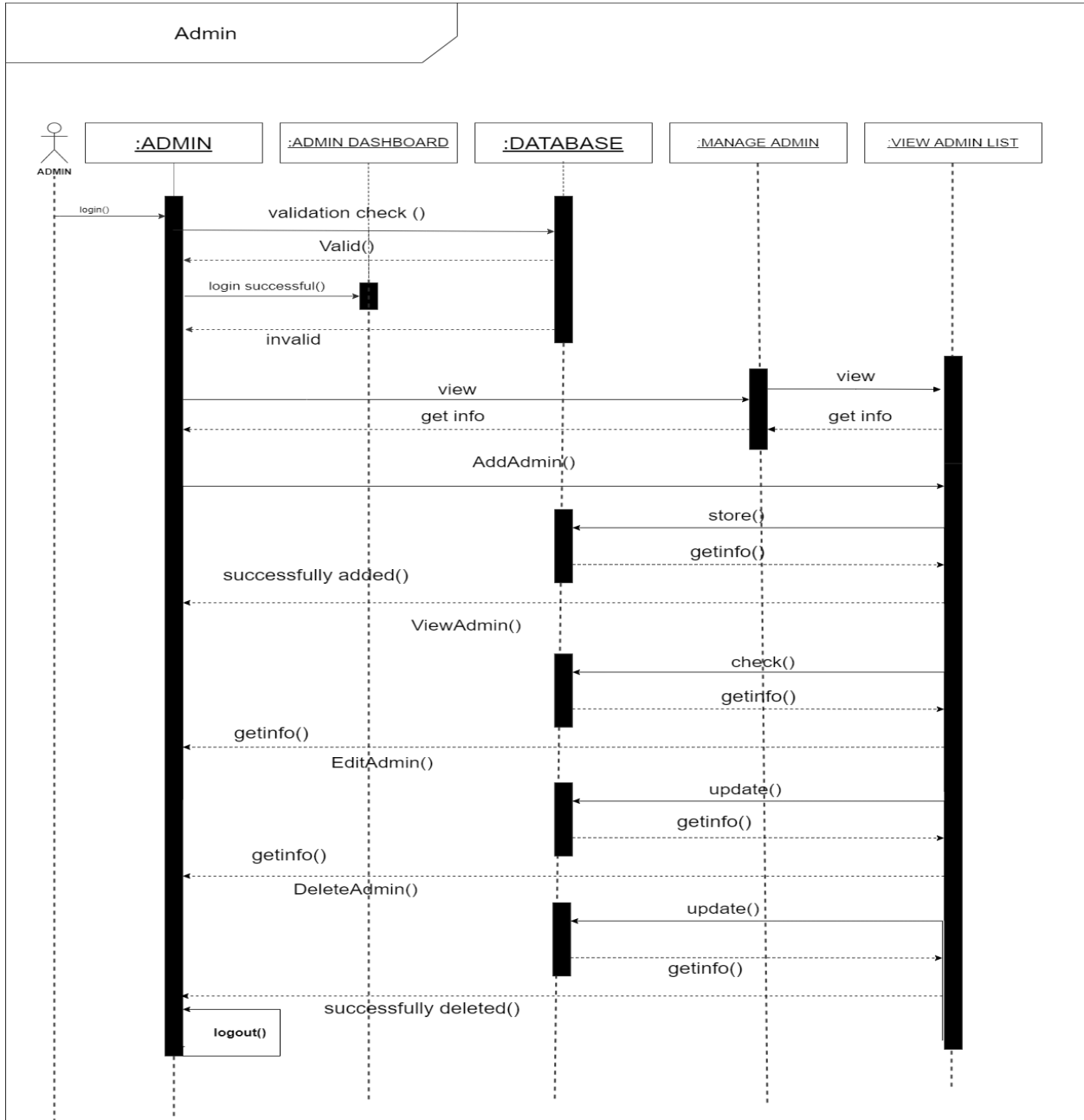


Figure 3.4. 17: Manage Admin Sequence Diagram

3.4.18 Manage Setting

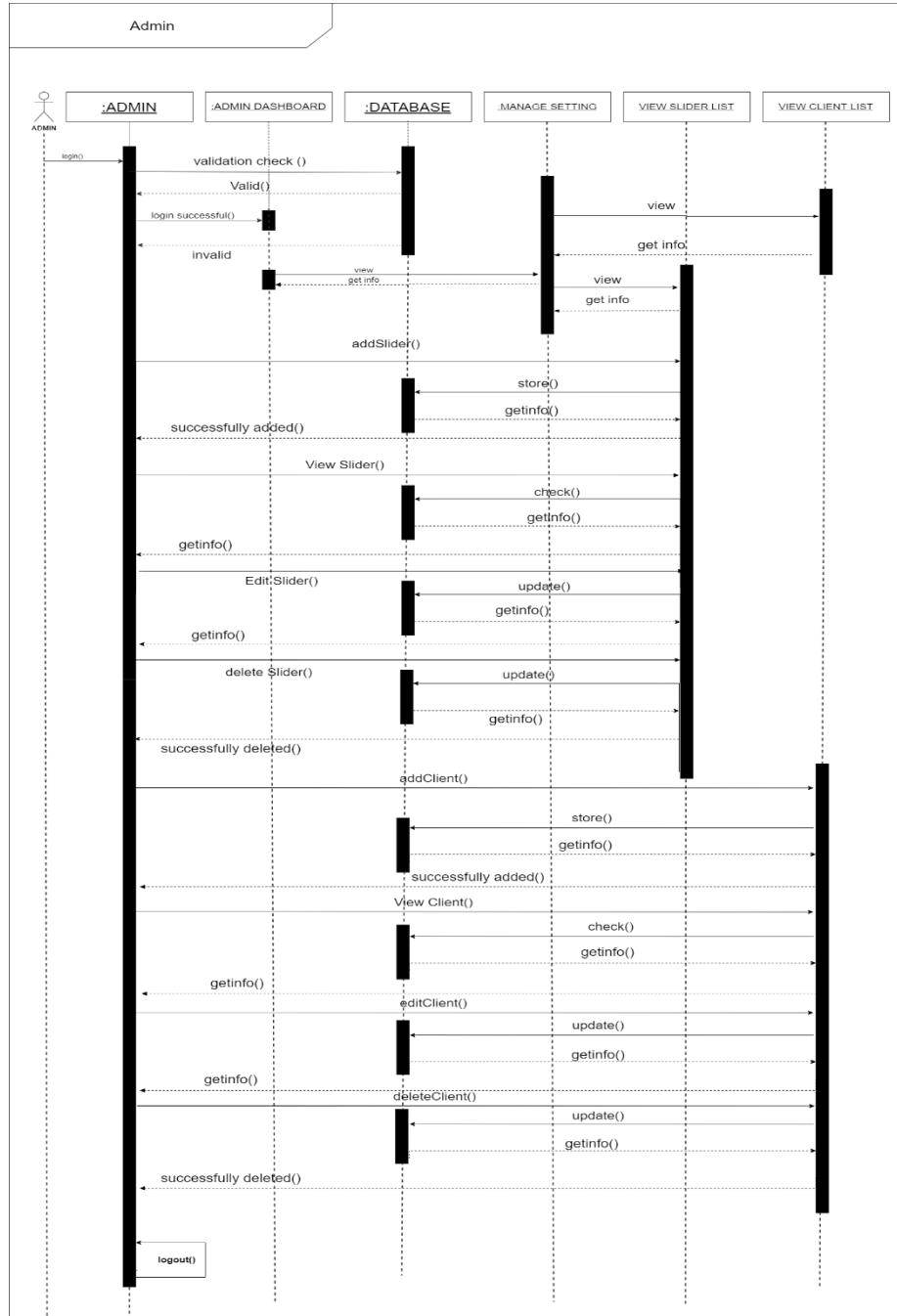


Figure 3.4. 18: Manage Setting Sequence Diagram

3.4.19 Manage Blog

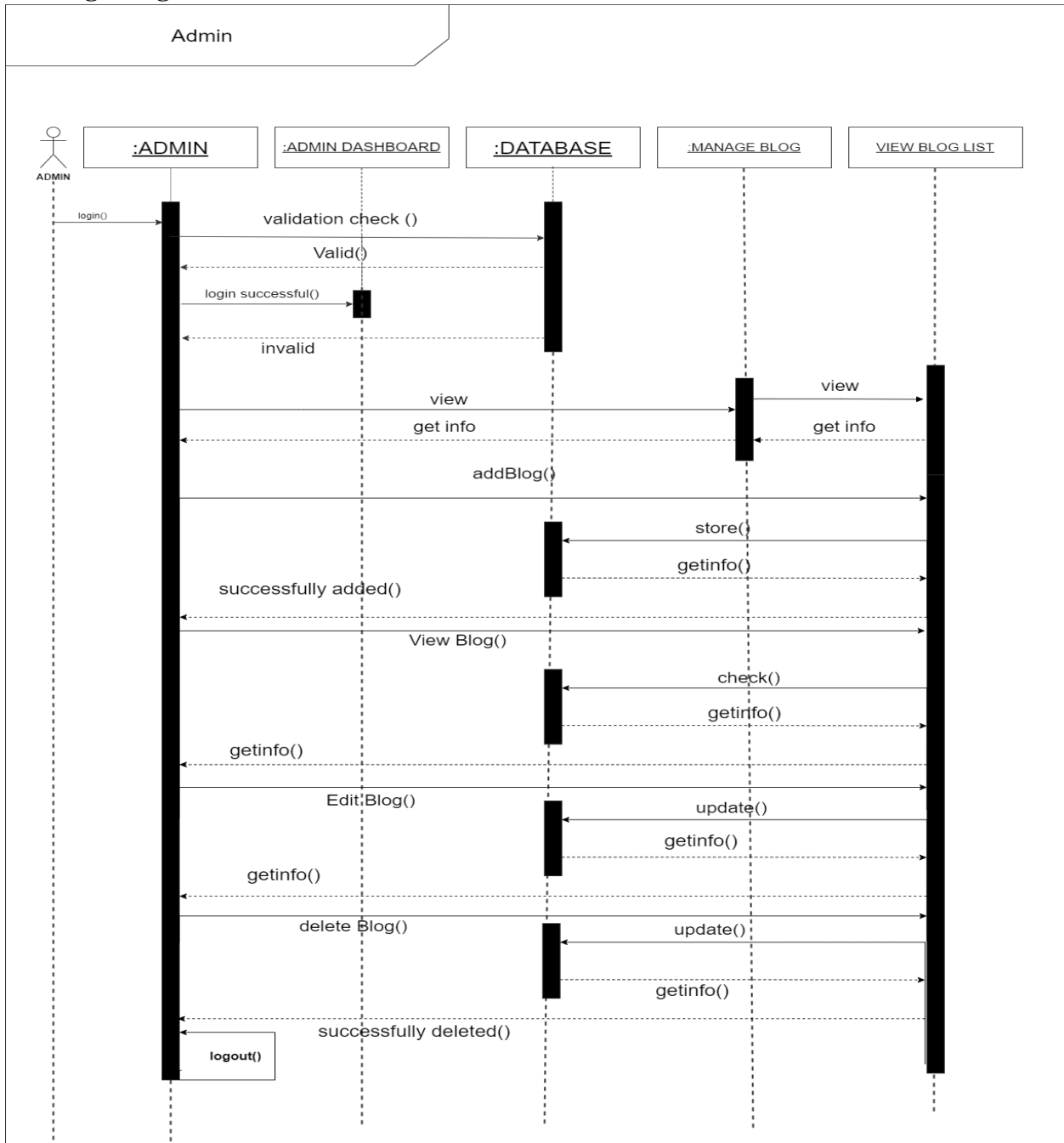


Figure 3.4. 19: Manage Blog Sequence Diagram

3.4.20 Manage Truck category

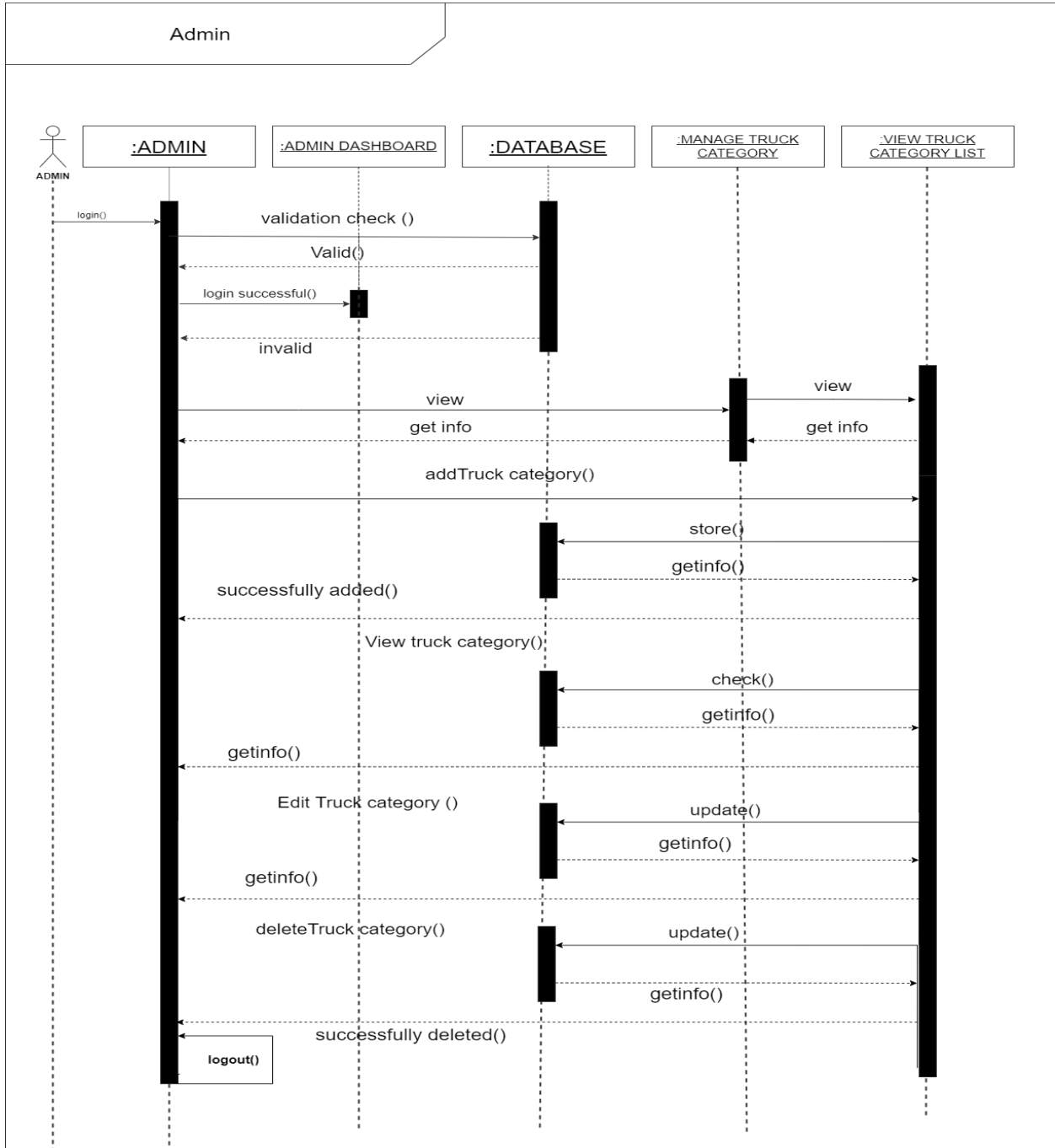


Figure 3.4. 20: Manage Truck Category Sequence Diagram

3.4.21 Manage Language

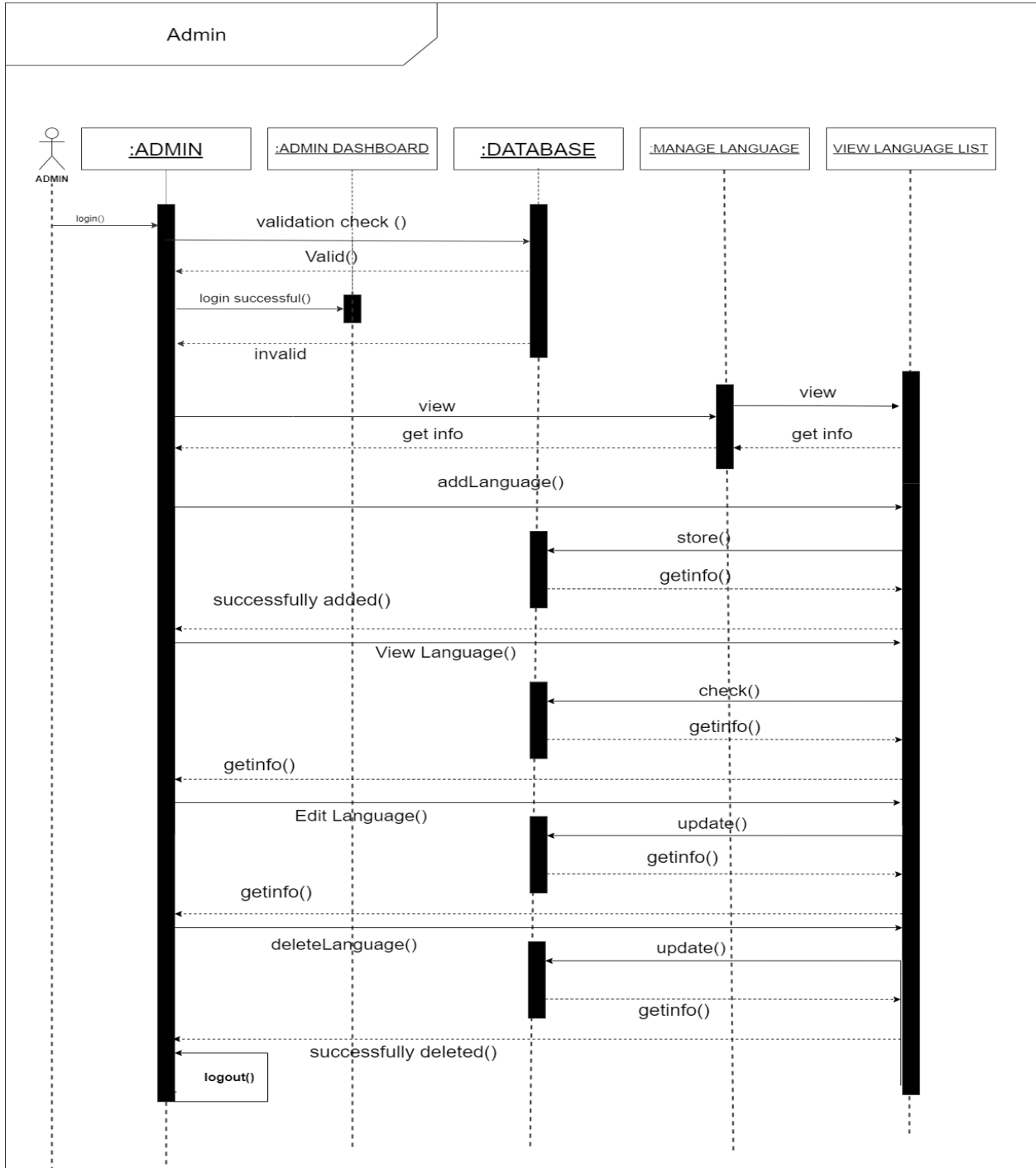


Figure 3.4. 21: Manage Language Sequence Diagram

3.5 Data Flow Diagram (DFD)

3.5.1 Context Level (Admin)

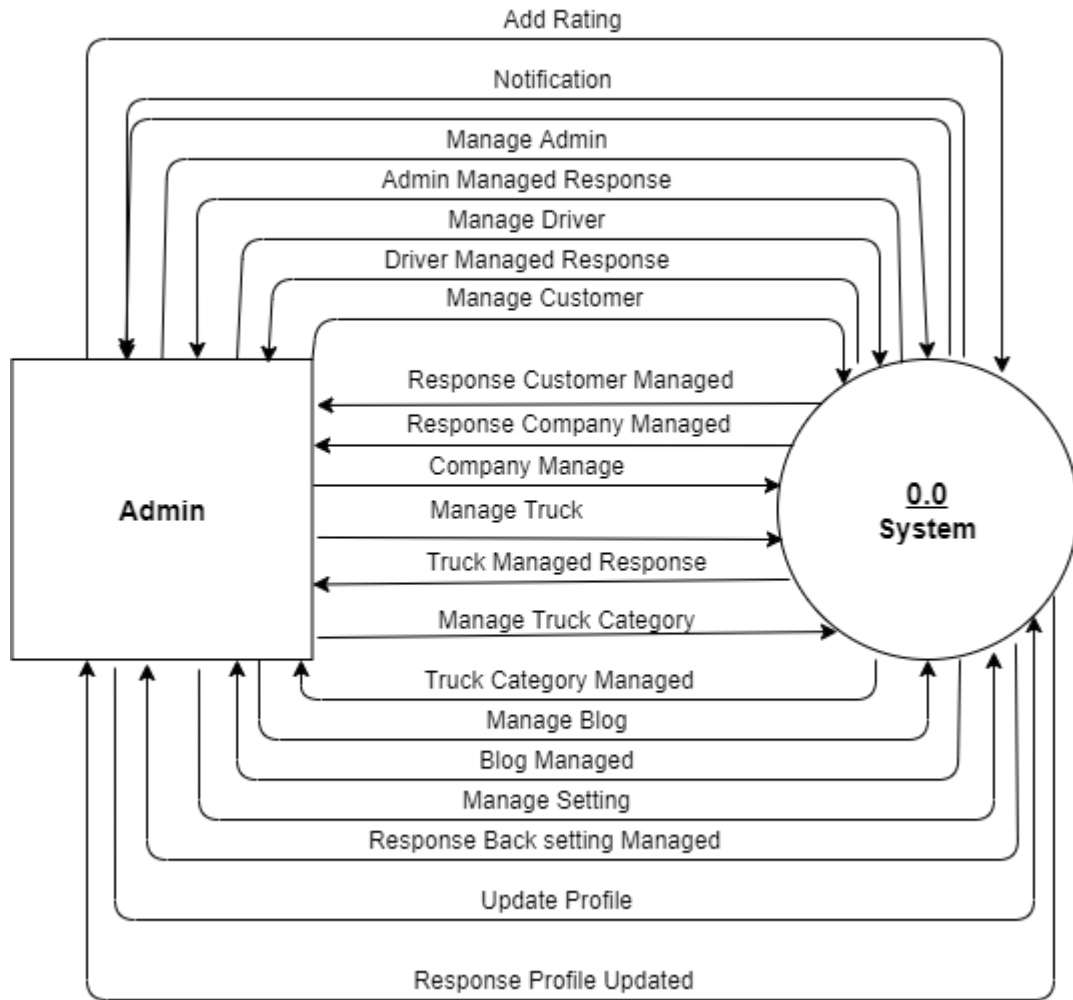


Figure 3.5. 1: Context Level (Admin)

3.5.2 Context Level (Customer)

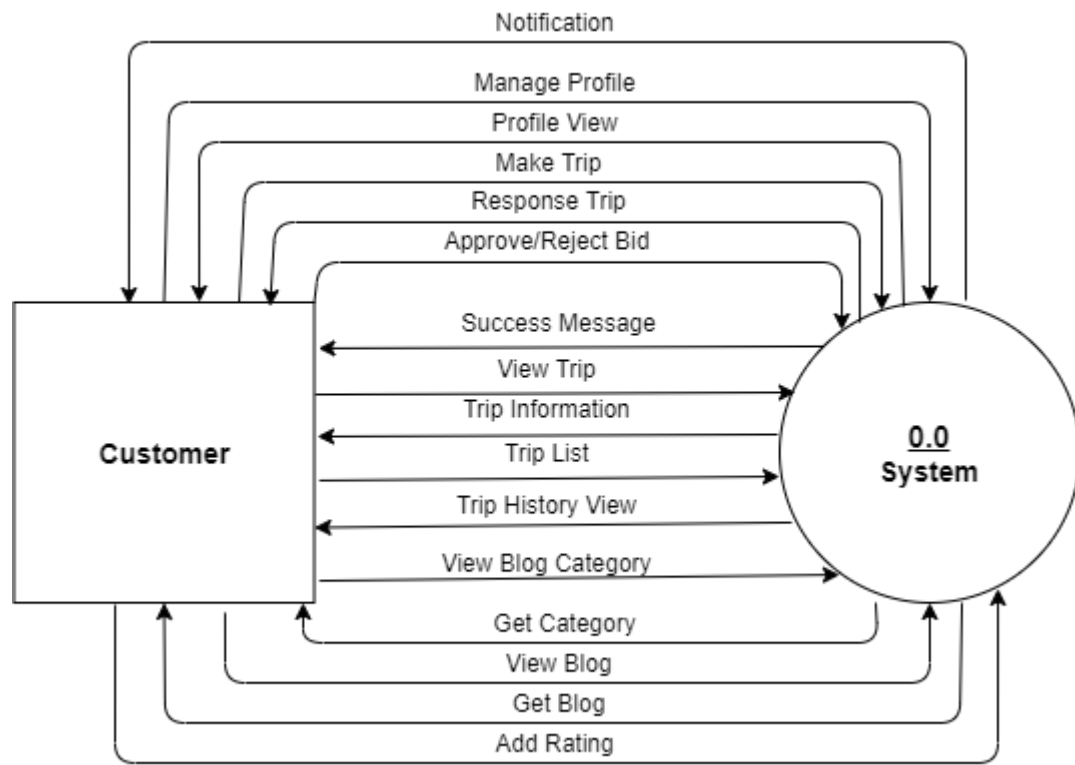


Figure 3.5. 2: Context Level(customer)

3.5.3 Context Level (Driver)

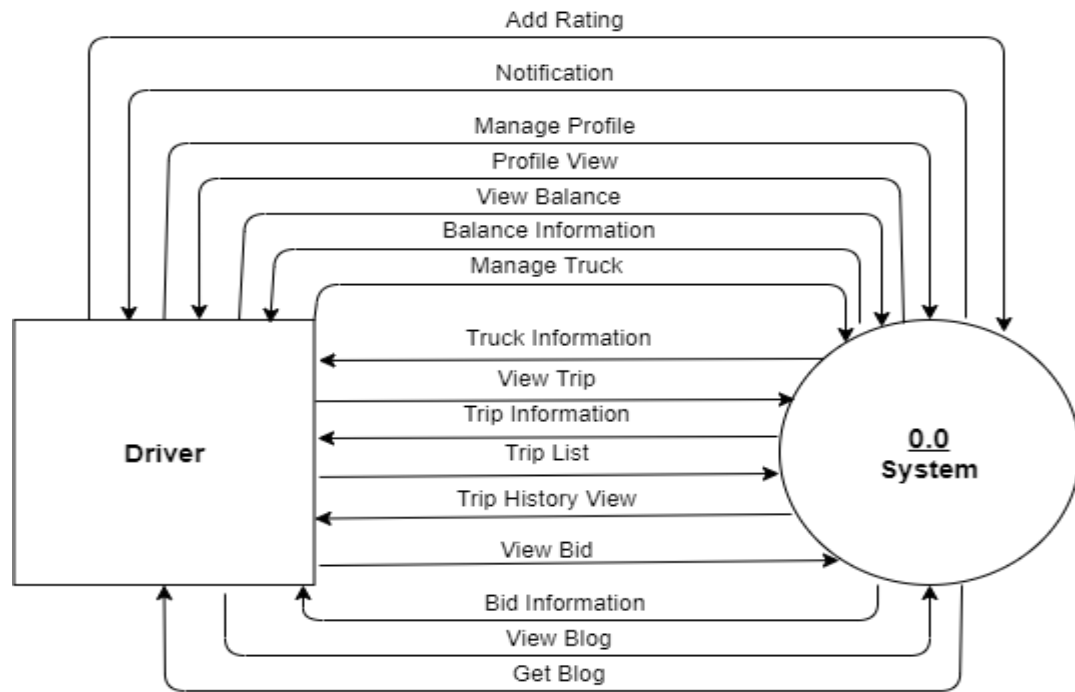


Figure 3.5. 3: Context Level(Driver)

3.5.4 Context Level (Company)

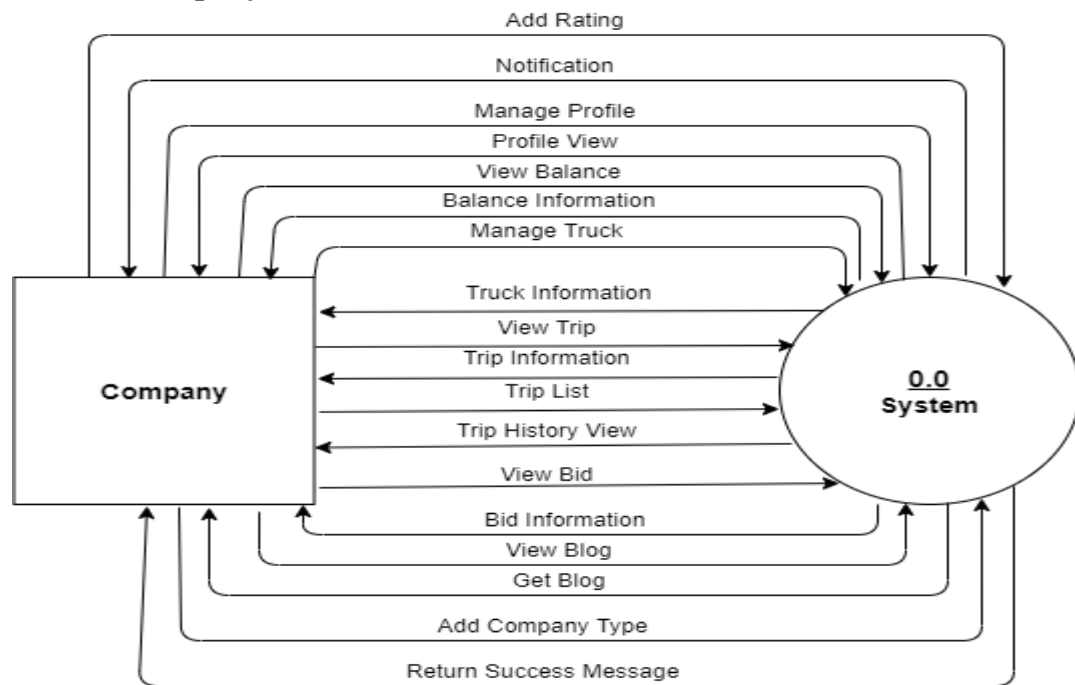


Figure 3.5. 4: Context Level(Company)

3.5.5 Level 0(Admin)

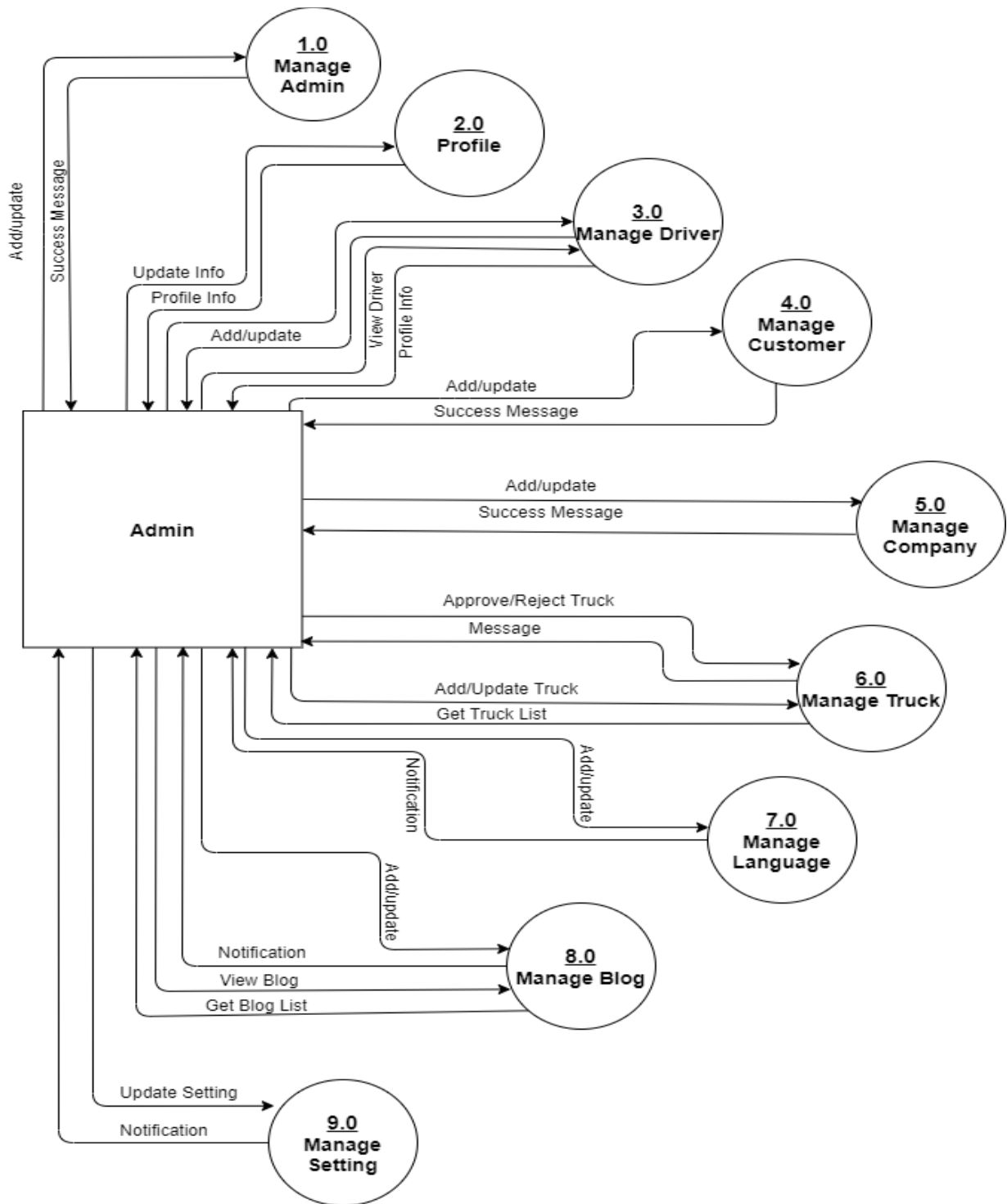


Figure 3.5. 5: Level 0(Admin)

3.5.6 Level 0(Customer)

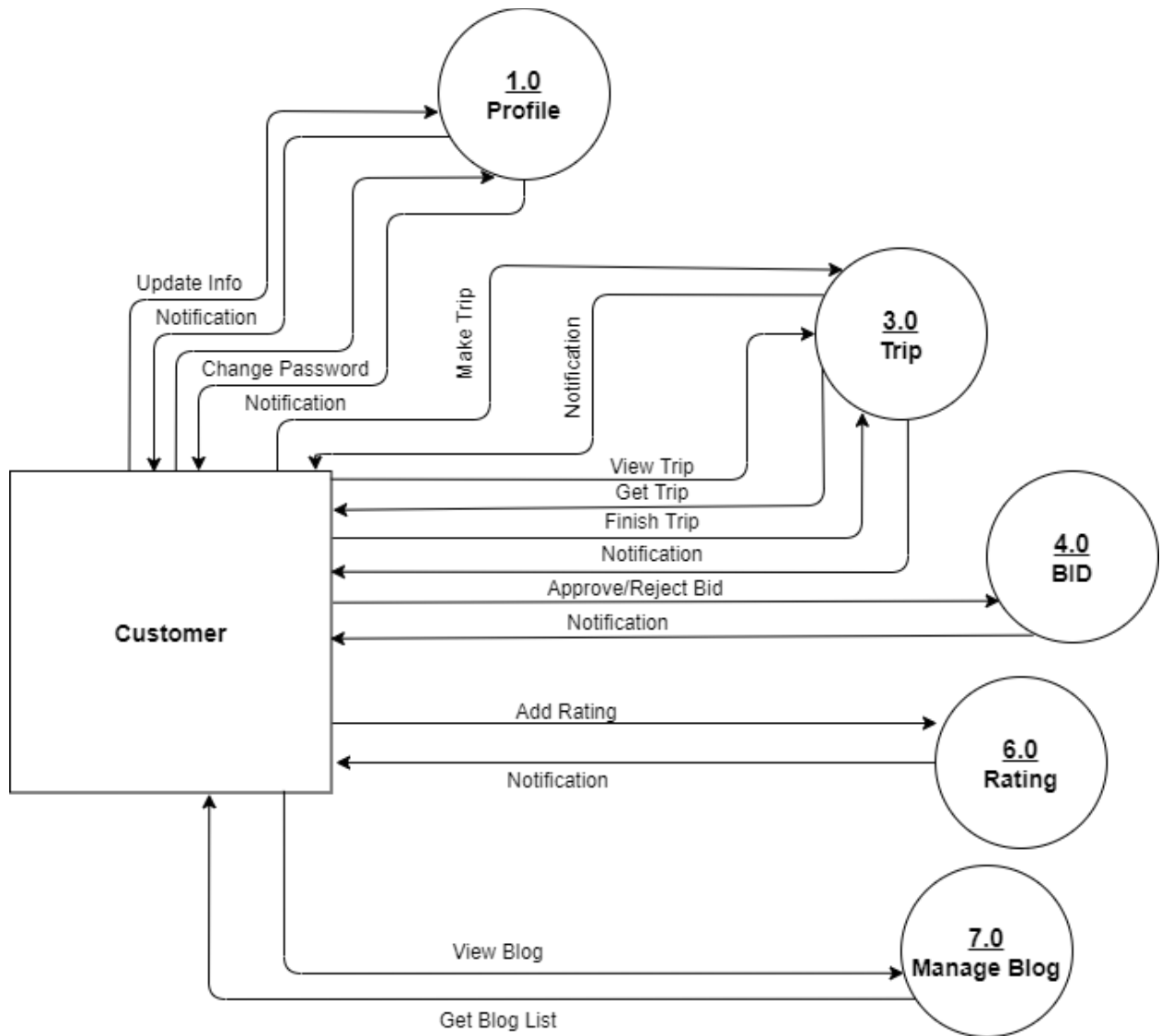


Figure 3.5. 6: Level 0(Customer)

3.5.7 Level 0(Driver)

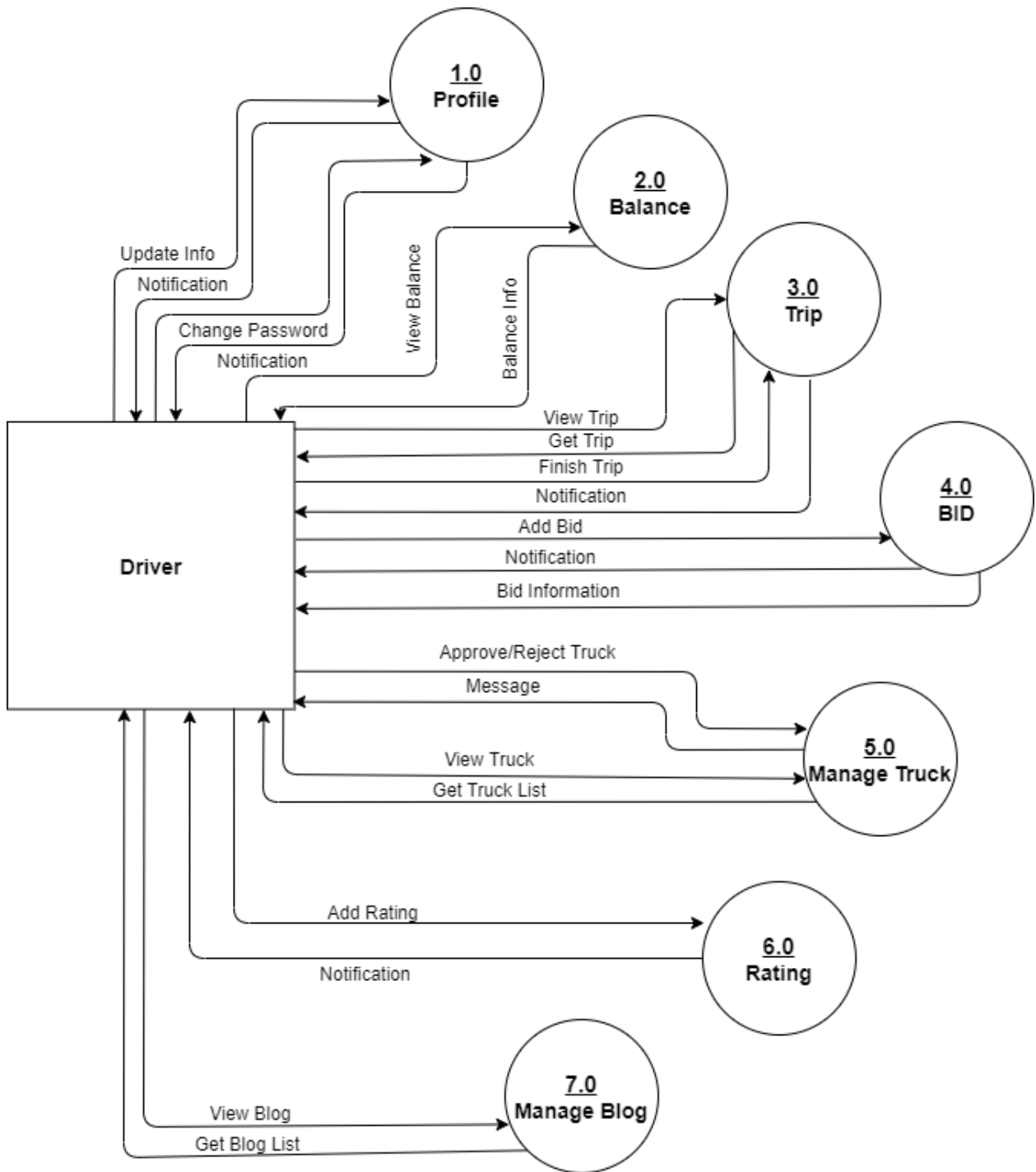


Figure 3.5. 7: Level 0(Driver)

Figure 3.5.7: Level 0(Driver)

3.5.8 Level 0(Company)

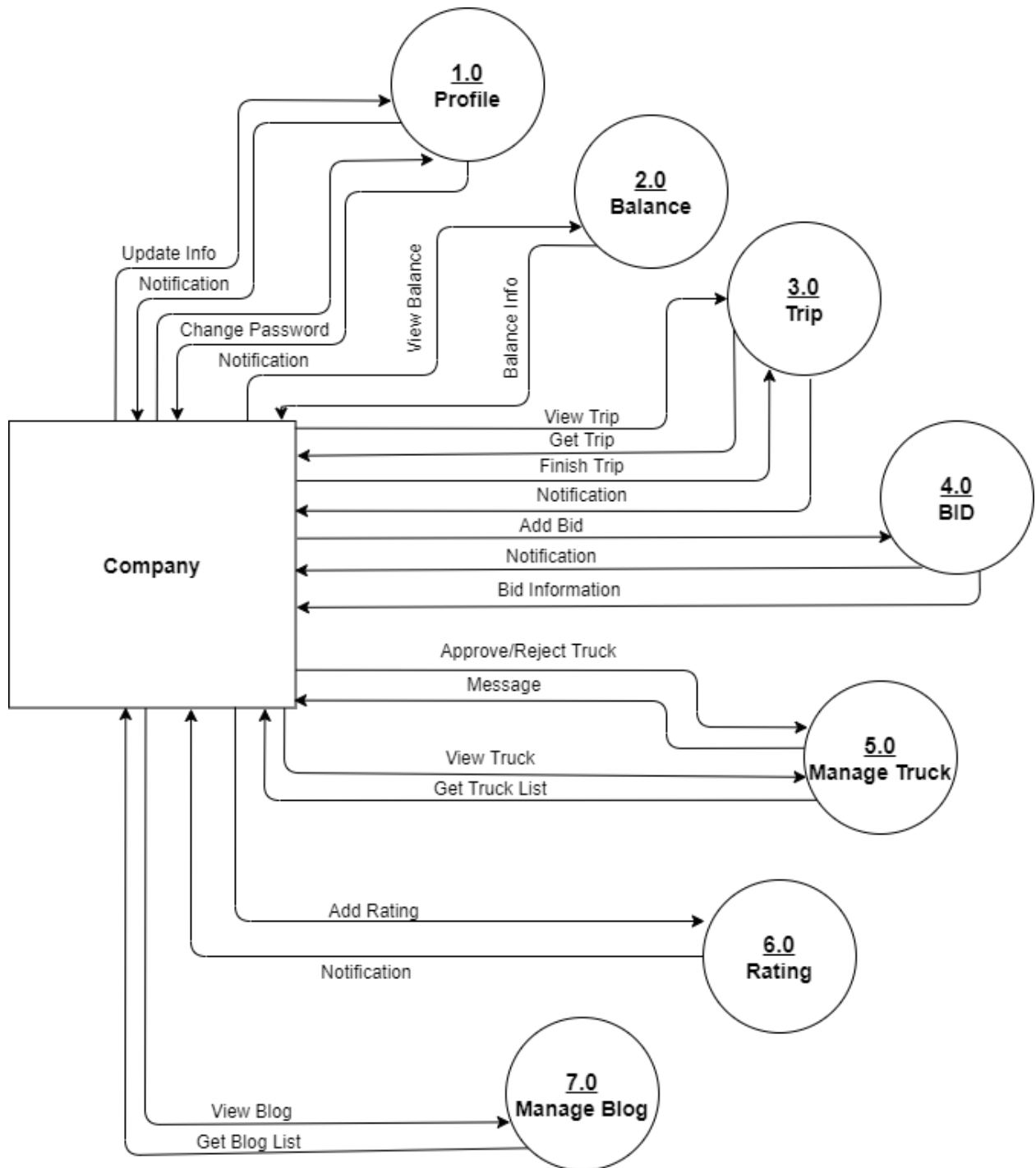


Figure 3.5. 8: Level 0(Company)

3.6 Entity Relationship Diagram (ERD)

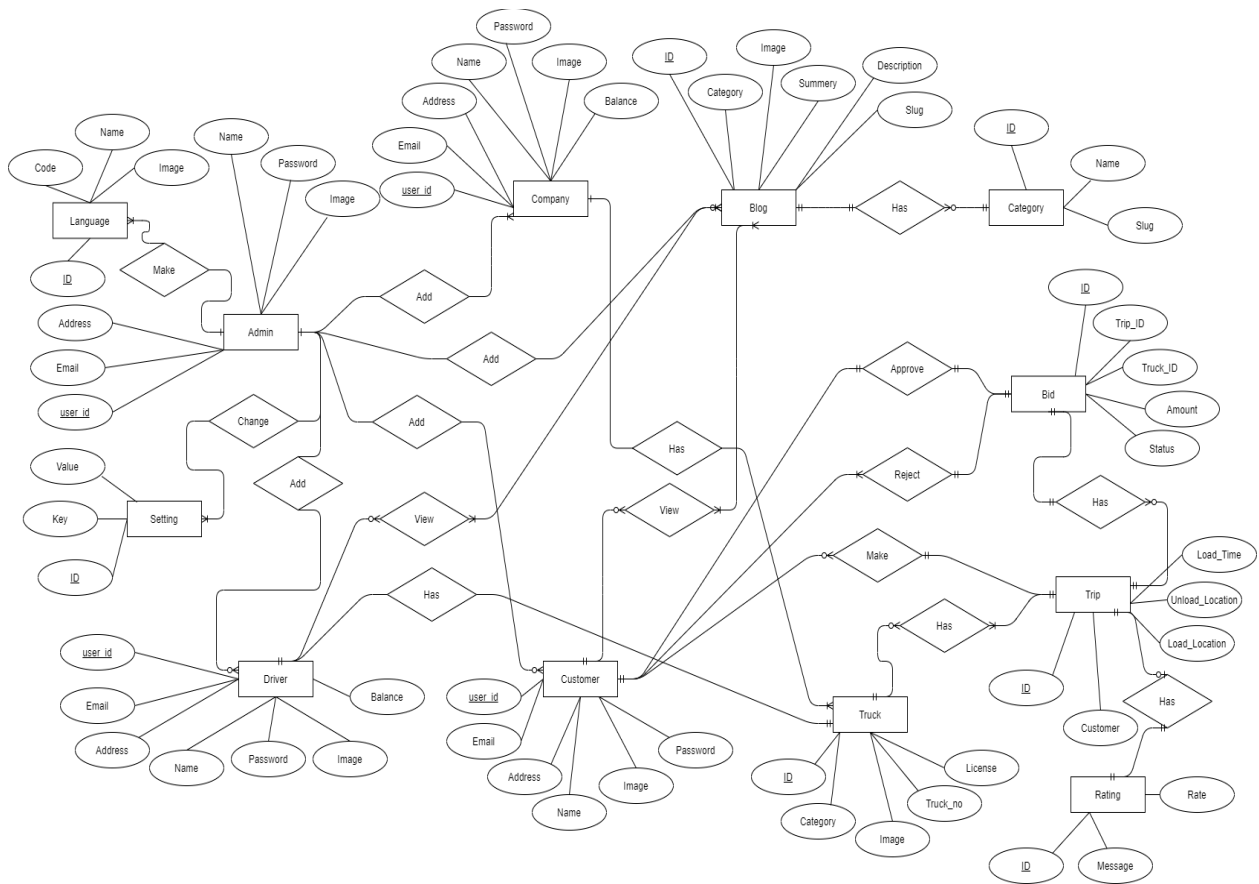


Figure 3.6: ER Diagram 1

3.7 Schema Diagram

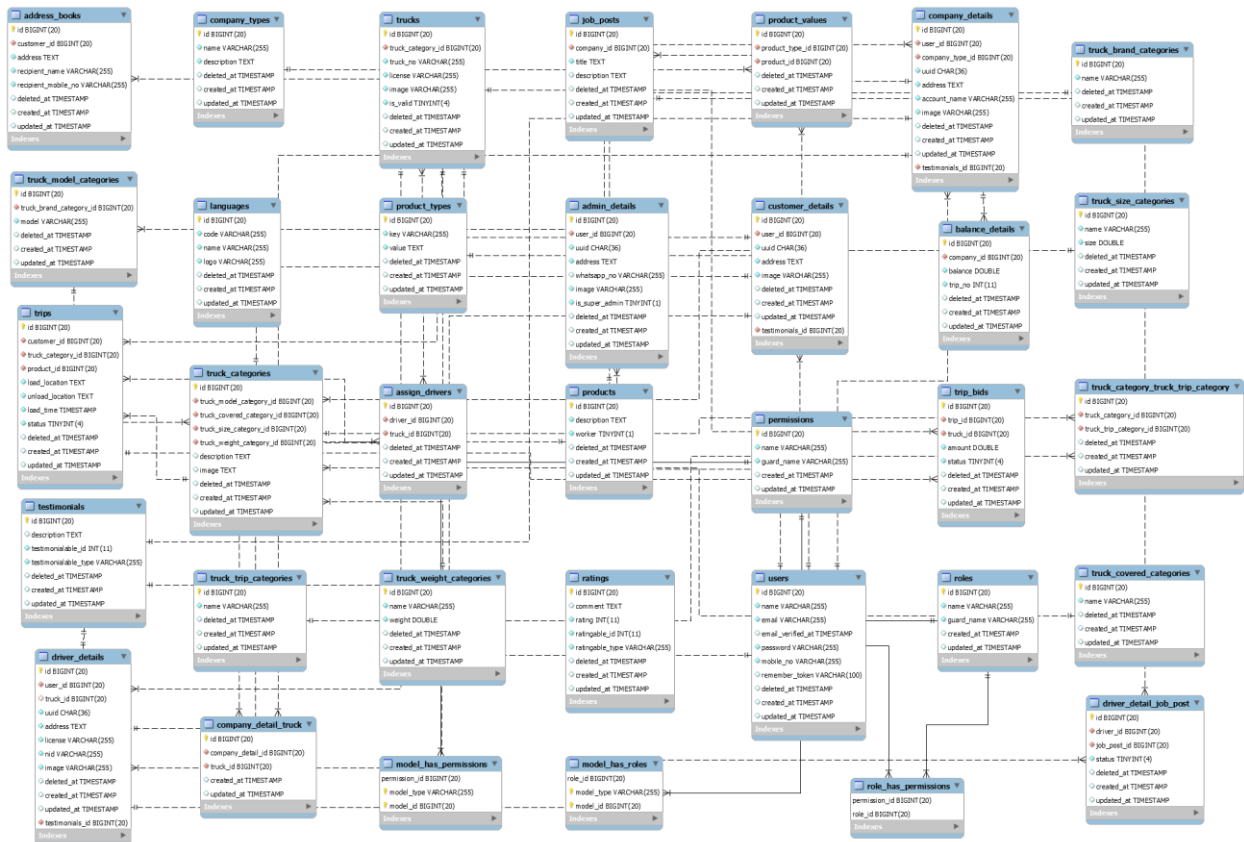


Figure 3.7: Schema Diagram 1

CHAPTER 4

IMPLEMENTATION CONSTRUCTION & DESIGN

4.1 Operating Environment

“Truck Chai” is a web-based application. The users who have a mobile, desktop or any kind of device with a browser and internet, they can use this system with the click on the website link. I am sure that is the best application and ensure the best use of this application. And that will be an easy use for the user. When I release this application, I am sure that it will solve lot of problem in our country. This is one of the solutions for our busy life that will help us to hire trucks and driver for shifting goods in the time of needed. We often need to change our office location of shift our house materials from one place to another. People need to face hassle searching for truck. They need to go to the agency or go to the truck stand. This is not only a hassle but also takes so much time. This system will help them to reduce their hassle and find their needed truck in time with good value.

4.2 Software language Used

The application will develop using Laravel 8, and Php 7.4.1.

4.3 Development tools & Technology:

- IDE: Visual studio code
- Database: MySQL
- UI: HTML5, CSS3, Bootstrap4, JavaScript, JQuery
- Framework: Laravel 8
- Language: PHP 7.4.1
- Web-Server: XAMPP Server

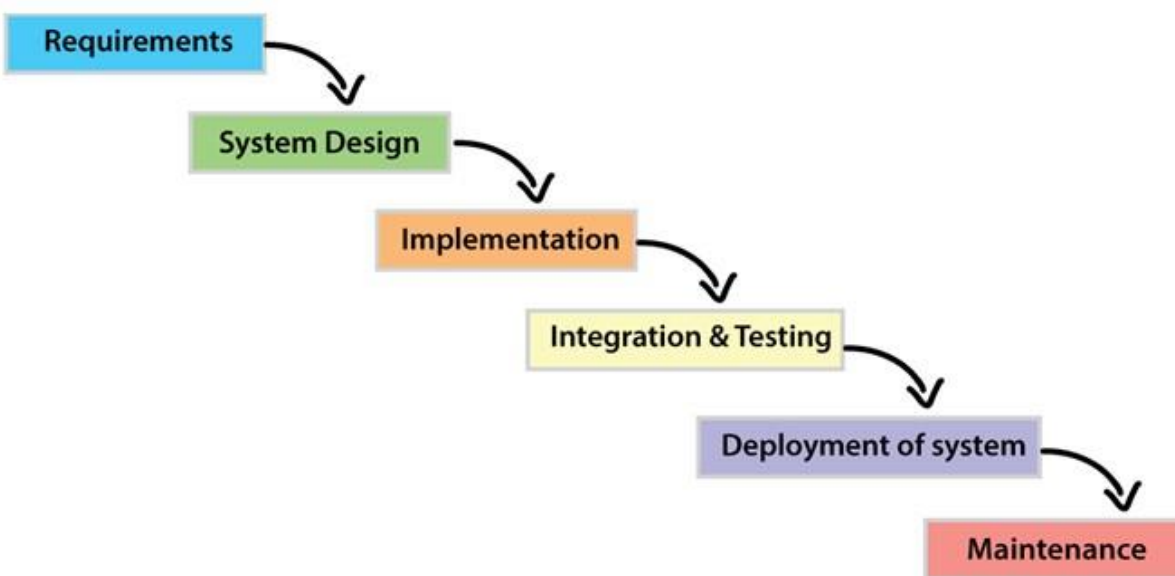
4.4 Database Support

Database will be used is MySQL.

4.5 Project Organization

4.5.1 Software Process Model

This Model is the best solution for me in my project. Also, I completed my project by following the step-by-step modules, so once my first step was completed, I began the second one. As a result, that is my primary method for my project. The waterfall model was the first SDLC procedure that was used in software development. The "Waterfall" method breaks down the entire software development process into steps. The result of one step serves as the starting point for the next stage. It implies that a separate step of the conception procedure begins only if the previous step has been completed. The waterfall model is a serial modeling procedure in which progress is seen as a series of smooth descending stages such as beginning, opening, examination, plan, creation, challenging, and maintenance. Because it represents the process of creating software in a linear sequential movement, the Waterfall Model is also known as a model of the in lines consecutive life cycle.



CHAPTER 5

SYSTEM TESTING

5.1 Testing Features

Testing is require to confirm that all functionality work as well describe on documentation. And by test a system, we can fix the error and make application less vulnerable. When we test a system by test cases we can confirm that the system is working correctly or not. And it's also good practice to make a big project and help to ensure security that needed.

5.2 Feature to be tested

There some of application feature need to be tested but not all. The features are below:

- Login
- Registration
- Update Profile
- Make Trip
- Approve Bid
- Make Bid
- Finish Trip
- Manage Truck
- Admin Login
- Manage Users
- Manage Blog
- Manage Truck Category

5.3 Testing Strategies

This system is tested manually. And after testing, I have collect all testing data and add all of data in this documentation.

5.4 Testing Approach

For testing this system, I don't use any automation tools. This system is tested manually.

5.5 Test Category

- Integration Testing
- Module Testing

5.6 Success/Failed Criteria

If a feature does not perform correctly during the evaluation, it will be considered as failure. The software testers will determine the pass/fail test criterion.

5.7 Testing Environment

- Code Editor
- Browsers
- Operating System
- Database Server
- Testing Data
- Postman

5.8 Test Cases

5.8.1 Login

Test-Case ID.01	Modules: User Login.
Priority of Test: High	Testing Date: 04/04/2021
Title: User's Login verification with valid email and password.	Test executed by: Bappi Saha
Description: checking user login module.	Executed date of Test: 04/04/2021
Pre-Condition	User must have valid Email & Password
Testing-Steps	<ol style="list-style-type: none"> 1. Go to login page 2. Enter Email & password 3. Submit Login Form
Test-Data	Customer: Email: customer@mail.com Password: password Driver: Email: driver@mail.com Password: password Company: Email: company@mail.com Password: password
Expected-Result	Logged In successful.
Result	Logged In successful.
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	User login Successfully.

Table 5.8. 1: Testing-Case(Login)

5.8.2 Registration

Test-Case ID.02	Modules: User Registration.
Priority of Test: High	Testing Date: 04/04/2021
Title: User Registration Module Testing	Test executed by: Bappi Saha
Description: checking user registration module.	Executed date of Test: 04/04/2021
Pre-Condition	User registration must be successful.
Testing-Steps	<ol style="list-style-type: none"> 1. Go to registration page 2. Enter Name, Email, password & User Type 3. Submit Registration Form
Test-Data	Name: John Doe Email: john.doe@mail.com Password: password User Type: Customer
Expected-Result	Registered successfully.
Result	Registered successfully.
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	User registration Successfully.

Table 5.8. 2: Testing-Case(Registration)

5.8.3 Update Profile

Test-Case ID.02	Modules: Update Profile.
Priority of Test: High	Testing Date: 04/04/2021
Title: User's Profile update module	Test executed by: Bappi Saha
Description: User can update profile by this module.	Executed date of Test: 04/04/2021
Pre-Condition	User must be logged in.
Testing-Steps	<ol style="list-style-type: none"> 1. Go to Update Profile page 2. Enter New Information 3. Click update button
Test-Data	Image: Enter an image file Change/Add all required data.
Expected-Result	Profile Update Successfully
Result	Profile Update Successfully.
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	User profile updated Successfully.

Table 5.8. 3: Testing-Case(Profile Update)

5.8.4 Make Trip

Test-Case ID.04	Modules: Make Trip.
Priority of Test: High	Testing Date: 04/04/2021
Title: Customer can make trip.	Test executed by: Bappi Saha
Description: In this module, customer can make trip.	Executed date of Test: 04/04/2021
Pre-Condition	User must logged in and must be a customer.
Testing-Steps	<ol style="list-style-type: none"> 1. Go to Customer Home page 2. Enter Load Location and Unload Location. 3. Enter Load Date and time. 4. Enter Description & Product type. 5. Click Make Trip Button.
Test-Data	Load Location: Shyamoli, 33/4, Dhaka Unload Location: Shukrabad, 12/3, Dhaka Load Time: 28/05/2021 12:00 PM Enter Description: Nothing Product type: Furniture
Expected-Result	Trip make successfully
Result	Trip make successfully
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	N/A

Table 5.8. 4: Testing-Case(Make Trip)

5.8.5 Approve/Reject Bid

Test-Case ID.05	Modules: Approve/Reject Bid.
Priority of Test: High	Testing Date: 04/04/2021
Title: Customer can approve or reject bid	Test executed by: Bappi Saha
Description: Customer can approve or reject bid which is make by Driver or Company	Executed date of Test: 04/04/2021
Pre-Condition	Customer must logged in and have an active trip.
Testing-Steps	<ol style="list-style-type: none"> 1. Current Trip 2. Click a Trip 3. Click Approve/Reject Trip
Test-Data	Click on Approve/Reject Trip
Expected-Result	Trip Approved or Reject successfully
Result	Trip Approved or Reject successfully
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	Trip Approved or Reject successfully

Table 5.8. 5: Testing-Case(Approve/Reject)

5.8.6 Finish Trip

Test-Case ID.06	Modules: Finish Trip.
Priority of Test: High	Testing Date: 04/04/2021
Title: Driver or Company Finish Trip.	Test executed by: Bappi Saha
Description: Driver or Company can make status as finished after the trip finishing.	Executed date of Test: 04/04/2021
Pre-Condition	User must logged in and Must have active trip which have approved his bid by Customer.
Testing-Steps	<ol style="list-style-type: none"> 1. Go To Current Trip Page 2. View Trip 3. Click on Finish Trip Button
Test-Data	Click Event on Finish Button
Expected-Result	Trip Finished Successfully and bid amount added.
Result	Trip Finished Successfully and bid amount added.
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	Trip Finished Successfully.

Table 5.8. 6: Testing-Case(Finish Trip)

5.8.7 Manage Truck

Test-Case ID.07	Modules: Manage Truck
Priority of Test: High	Testing Date: 04/04/2021
Title: Driver and Company Can manage Truck	Test executed by: Bappi Saha
Description: Driver and Company can add, edit, update, delete Truck Information	Executed date of Test: 04/04/2021
Pre-Condition	User must logged in as Driver or company
Testing-Steps	<ol style="list-style-type: none"> 1. Go to Truck Page 2. Enter Truck Information 3. Submit Form
Test-Data	Truck No: Kha-12345 Truck Image: [image file] Truck Category: Select From Dropdown
Expected-Result	Truck Added Successfully.
Result	Truck Added Successfully.
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	Truck Added Successfully.

Table 5.8. 7: Testing-Case(Manage Truck)

5.8.8 Admin Login

Test-Case ID.08	Modules: Admin Login.
Priority of Test: High	Testing Date: 04/04/2021
Title: Login as Admin	Test executed by: Bappi Saha
Description: checking admin login module.	Executed date of Test: 04/04/2021
Pre-Condition	Browse Route: 127.0.0.1:8000/admin/login
Testing-Steps	<ol style="list-style-type: none"> 1. Go to login page 2. Enter Email & password 3. Submit Login Form
Test-Data	Admin: Email: admin@mail.com Password: password
Expected-Result	Admin Logged In successfully
Result	Admin Logged In successfully
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	Admin Logged In successfully

Table 5.8. 8: Testing-Case(Admin Login)

5.8.9 Manage Users

Test-Case ID.09	Modules: Manage Users.
Priority of Test: High	Testing Date: 04/04/2021
Title: Manage users module	Test executed by: Bappi Saha
Description: Add, Update, Delete Users (Admin, Customer, Driver, and Company).	Executed date of Test: 04/04/2021
Pre-Condition	Admin must logged in
Testing-Steps	<ol style="list-style-type: none"> 1. Go to Users Page 2. Enter user data 3. Submit user Form
Test-Data	Name: John Doe Email: john.doe@mail.com Phone: +880-1726-257-333 Password: password
Expected-Result	User managed successfully.
Result	User managed successfully
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	User managed successfully

Table 5.8. 9: Testing-Case(Manage Users)

5.8.10 Manage Blog

Test-Case ID.10	Modules: Manage Blog.
Priority of Test: High	Testing Date: 04/04/2021
Title: Manage blog module	Test executed by: Bappi Saha
Description: Add, Update, Delete Blogs	Executed date of Test: 04/04/2021
Pre-Condition	Admin must logged in
Testing-Steps	<ol style="list-style-type: none"> 1. Go to Blog Page 2. Enter data 3. Submit Form
Test-Data	Title: Just a blog Summary: none Description: Something Category: Select from dropdown
Expected-Result	Blog managed successfully.
Result	Blog managed successfully
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	Blog managed successfully

Table 5.8. 10: Testing-Case(Manage Blog)

5.8.11 Manage Truck Category

Test-Case ID.11	Modules: Manage Truck Category.
Priority of Test: High	Testing Date: 04/04/2021
Title: Manage Truck Category module	Test executed by: Bappi Saha
Description: Add, Update, Delete Blogs	Executed date of Test: 04/04/2021
Pre-Condition	Admin must logged in
Testing-Steps	<ol style="list-style-type: none"> 1. Go to Truck Category Page 2. Enter data 3. Submit Form
Test-Data	All Data
Expected-Result	Truck Category managed successfully.
Result	Truck Category managed successfully
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	Truck Category managed successfully

Table 5.8. 11: Testing-Case()Manage Truck Category

5.8.12 Manage Setting

Test-Case ID.12	Modules: Manage Setting.
Priority of Test: High	Testing Date: 04/04/2021
Title: Manage Setting module	Test executed by: Bappi Saha
Description: Add, Update, Delete Blogs	Executed date of Test: 04/04/2021
Pre-Condition	Admin must logged in
Testing-Steps	<ol style="list-style-type: none"> 1. Go to Setting Page 2. Enter data 3. Submit Form
Test-Data	Data
Expected-Result	Setting managed successfully.
Result	Setting managed successfully
Test-Status (Fail/Pass)	Pass.
Test Post-Condition:	Setting managed successfully

Table 5.8. 12: Testing-Case(Manage Setting)

CHAPTER 6

USER INTERFACE

6.1 Admin Login Page

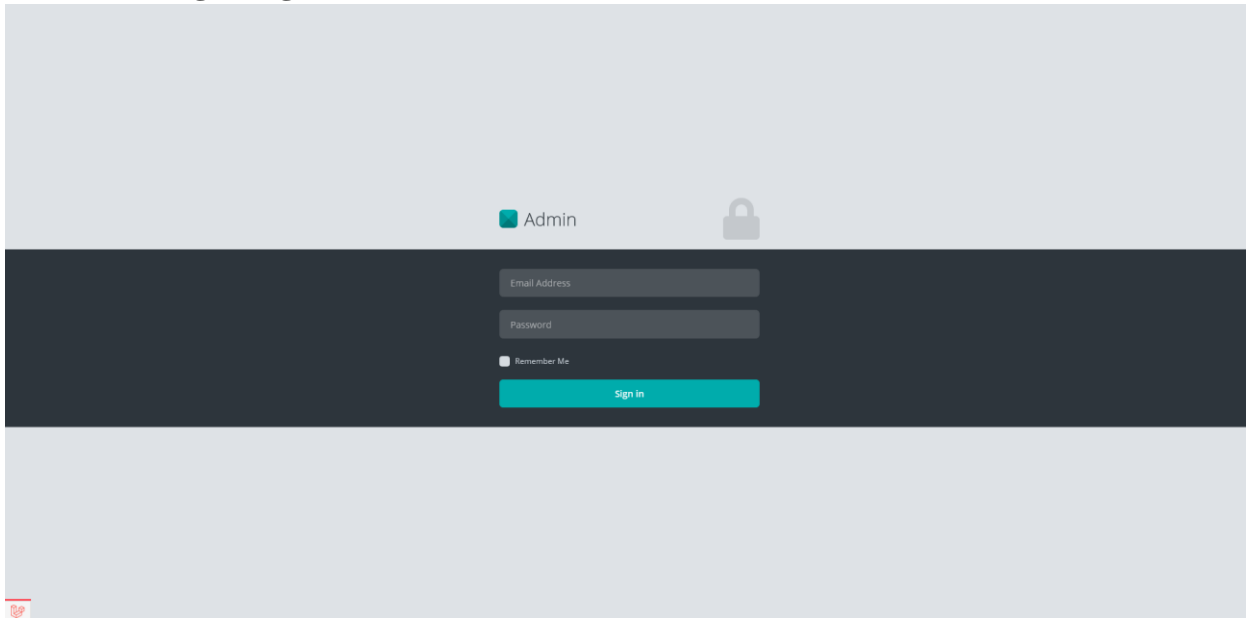


Figure 6. 1: UI (Admin Login)

6.2 Admin Dashboard

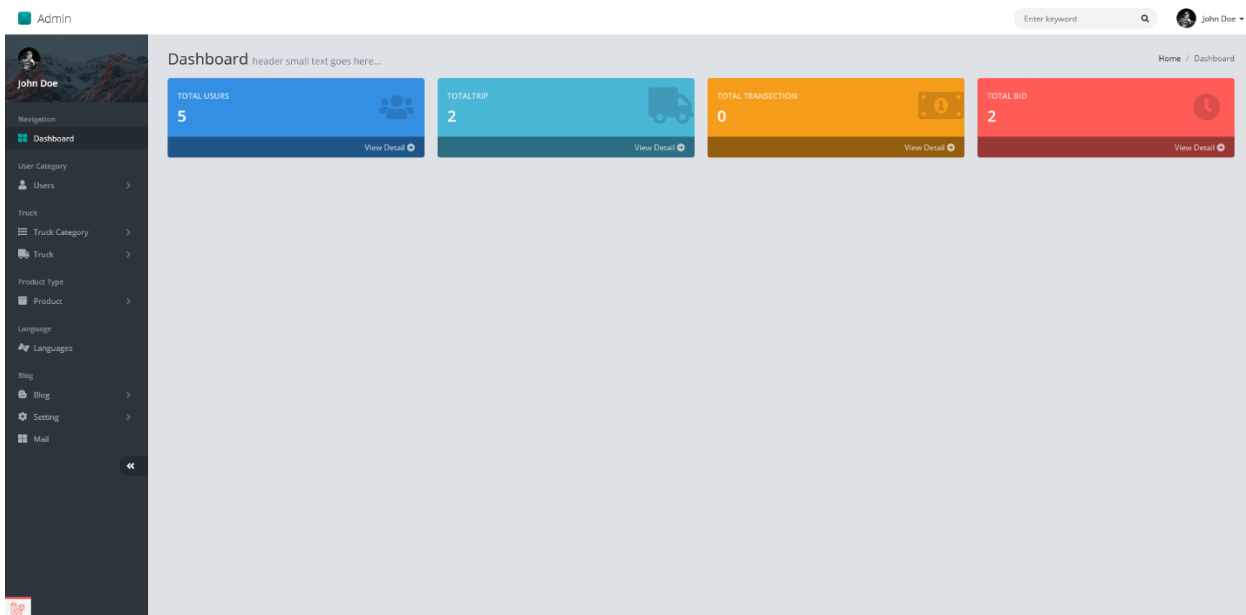


Figure 6. 2: UI (Admin Dashboard)

6.3 Manage Admin

6.3.1 Admin List

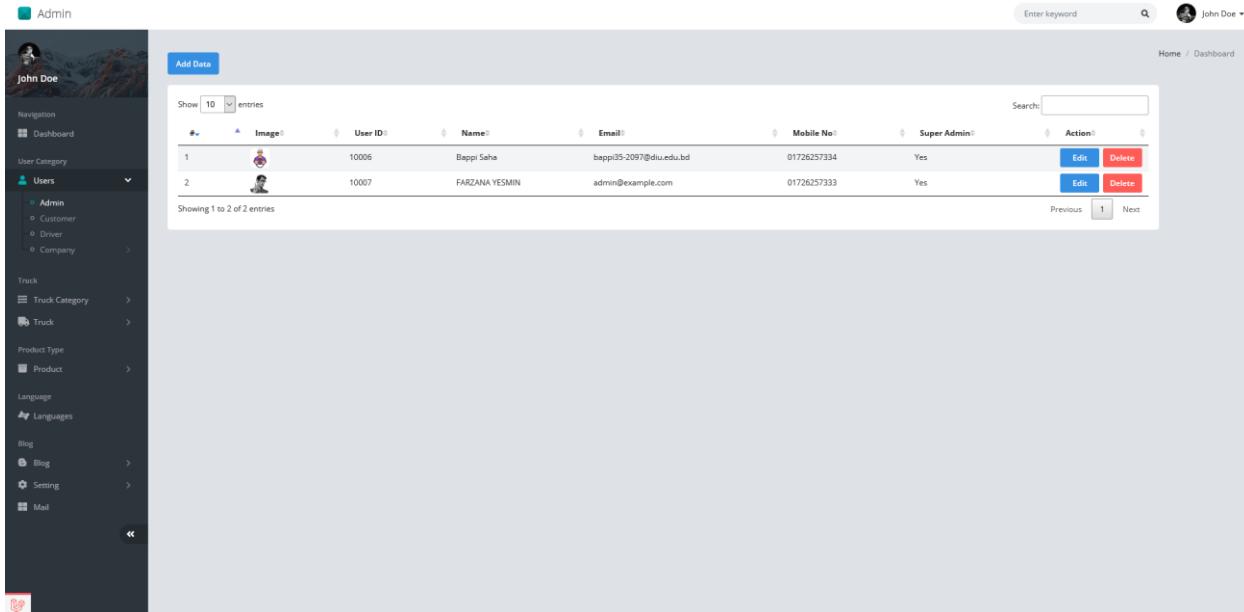


Figure 6.3. 1: UI (Admin List)

6.3.2 Admin Create

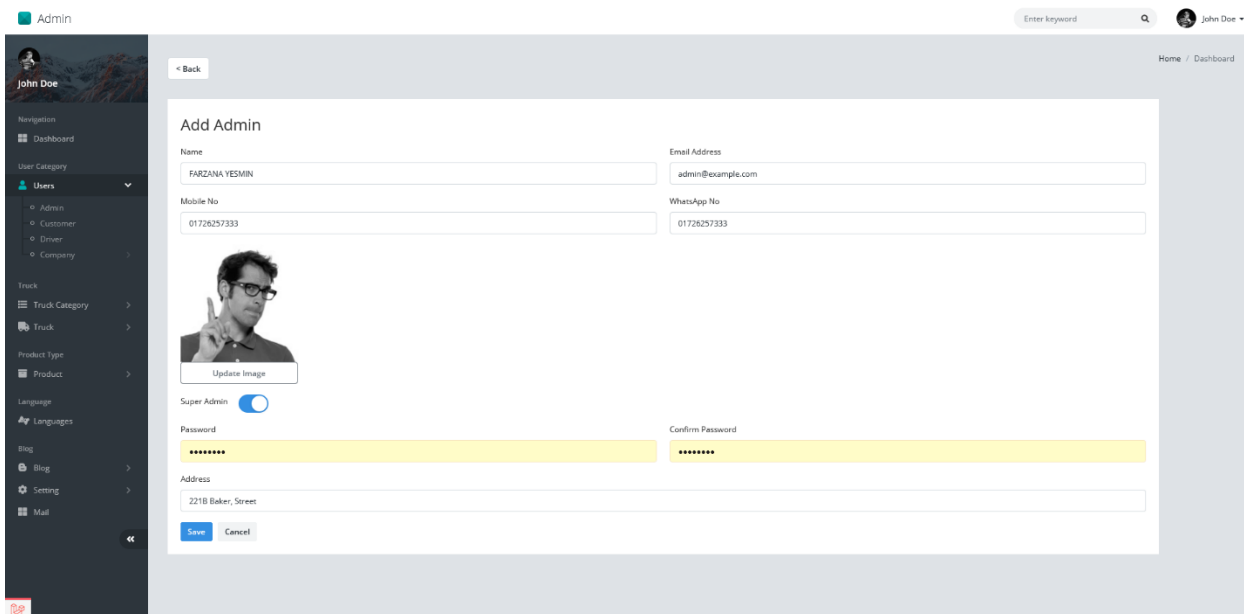
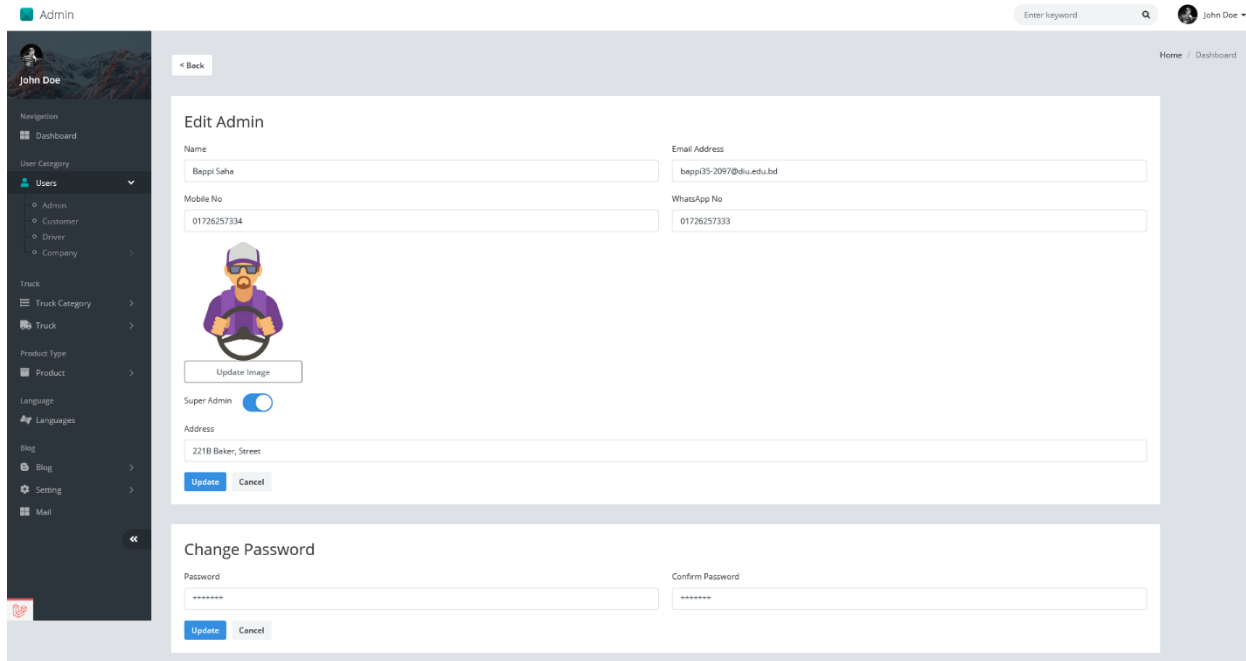


Figure 6.3. 2: UI (Admin Create)

6.3.3 Admin Edit



Admin

Enter keyword John Doe

Home / Dashboard

John Doe

< Back


Edit Admin

Name:

Email Address:

Mobile No:

WhatsApp No:



Update Image

Super Admin:

Address:

Update Cancel

Change Password

Password:

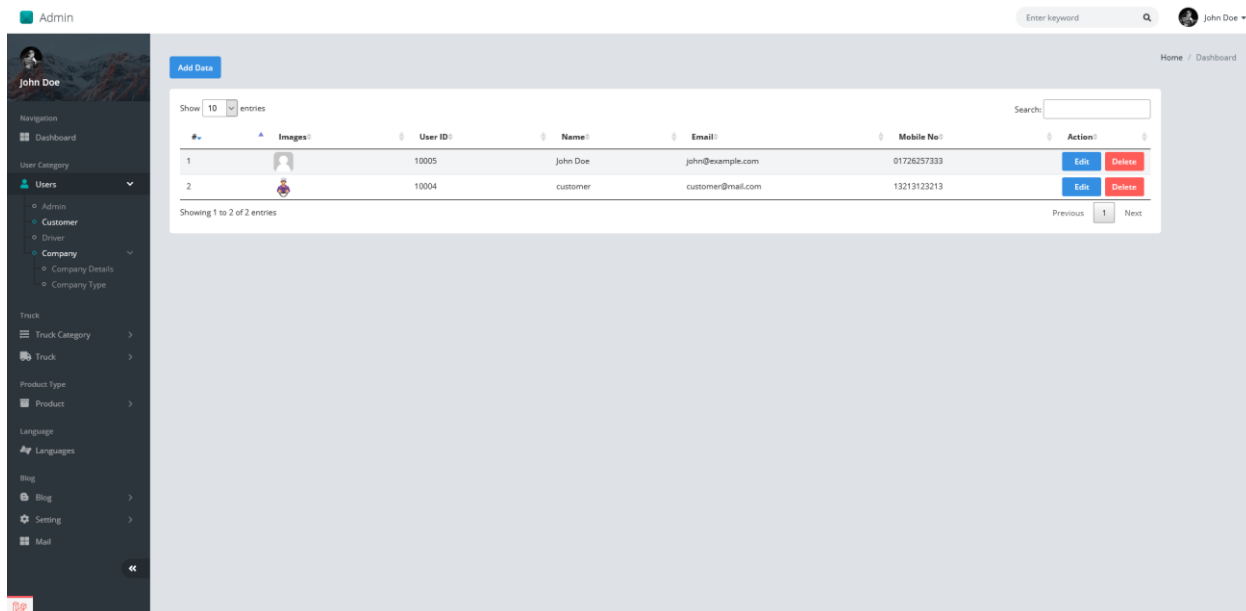
Confirm Password:

Update Cancel

Figure 6.3. 3:UI (Admin Edit)

6.4 Manage Customer

6.4.1 Customer List



Admin



Enter keyword John Doe

Home / Dashboard

John Doe

Add Data

Show 10 entries

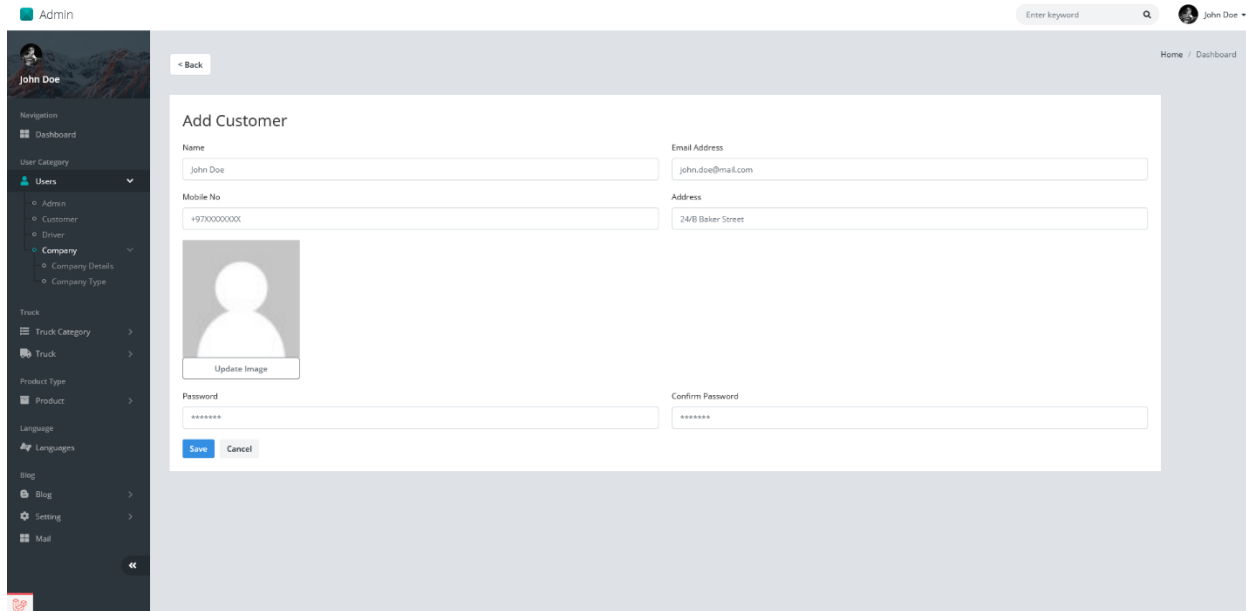
ID	Images	User ID	Name	Email	Mobile No	Action
1		10005	John Doe	john@example.com	01726257333	Edit Delete
2		10004	customer	customer@mail.com	13213123213	Edit Delete

Showing 1 to 2 of 2 entries

Previous 1 Next

Figure 6.4. 1:UI (Customer List)

6.4.2 Customer Create



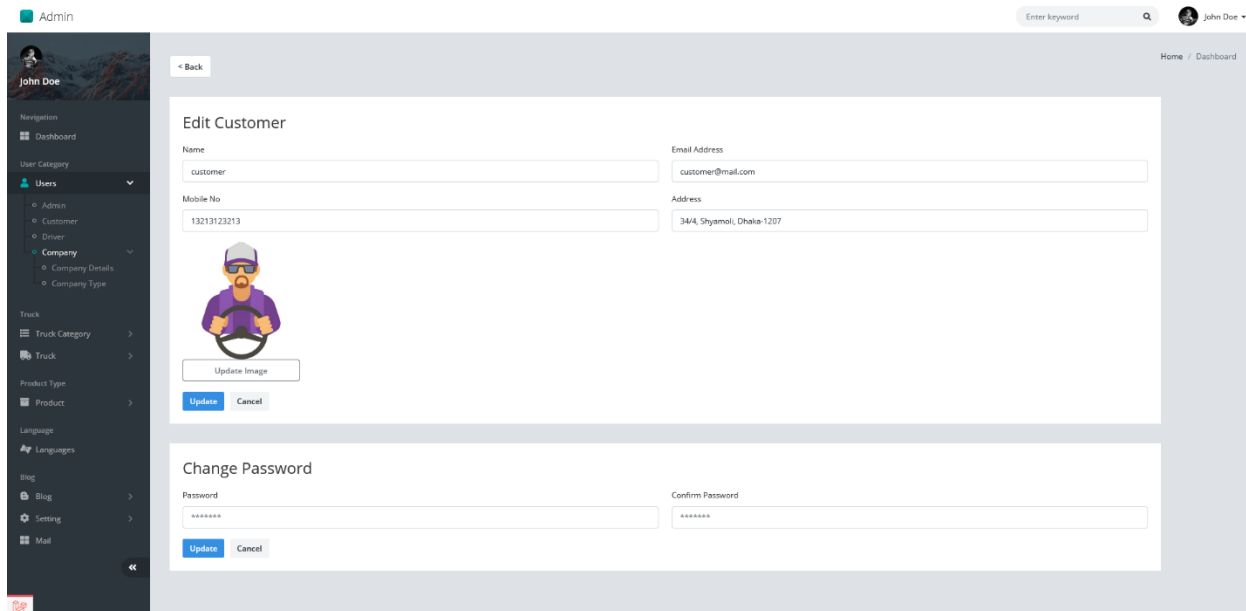
The screenshot shows the 'Add Customer' form in the Admin dashboard. The form is titled 'Add Customer' and includes the following fields:

- Name: john Doe
- Email Address: john.doe@mail.com
- Mobile No: +97700000000
- Address: 24/B Baker Street
- Image: A placeholder image with an 'Update Image' button below it.
- Password: A masked field with asterisks.
- Confirm Password: A masked field with asterisks.

At the bottom of the form, there are 'Save' and 'Cancel' buttons. The dashboard sidebar on the left shows the 'Users' category expanded, with 'Customer' selected. The top right of the dashboard shows the user 'John Doe' and a search bar.

Figure 6.4. 2: UI (Customer Create)

6.4.3 Customer Edit



The screenshot shows the 'Edit Customer' form in the Admin dashboard. The form is titled 'Edit Customer' and includes the following fields:

- Name: customer
- Email Address: customer@mail.com
- Mobile No: 13213123213
- Address: 34/A, Shyamoli, Dhaka-1207
- Image: A cartoon image of a driver with a steering wheel, with an 'Update Image' button below it.
- Change Password section: Includes 'Password' and 'Confirm Password' fields, both masked with asterisks, and 'Update' and 'Cancel' buttons.

At the bottom of the form, there are 'Update' and 'Cancel' buttons. The dashboard sidebar on the left shows the 'Users' category expanded, with 'Customer' selected. The top right of the dashboard shows the user 'John Doe' and a search bar.

Figure 6.4. 3: UI (Customer Edit)

6.5 Manage Company Type

6.5.1 Company Type List

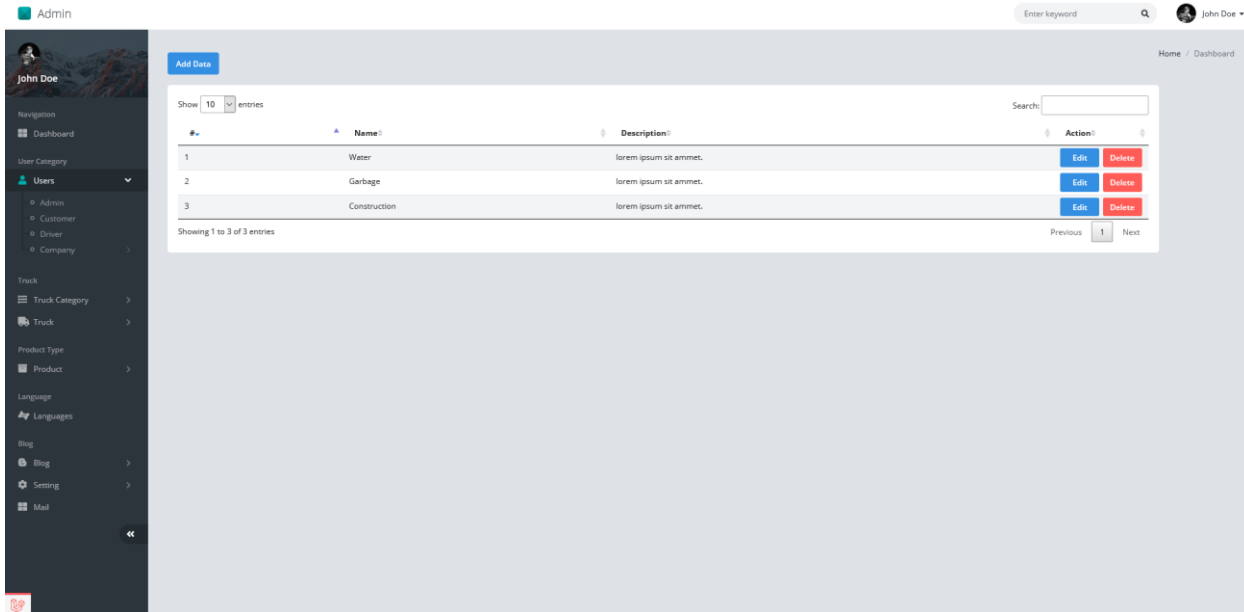


Figure 6.5. 1:UI (Company Type List)

6.5.2 Company Type Add

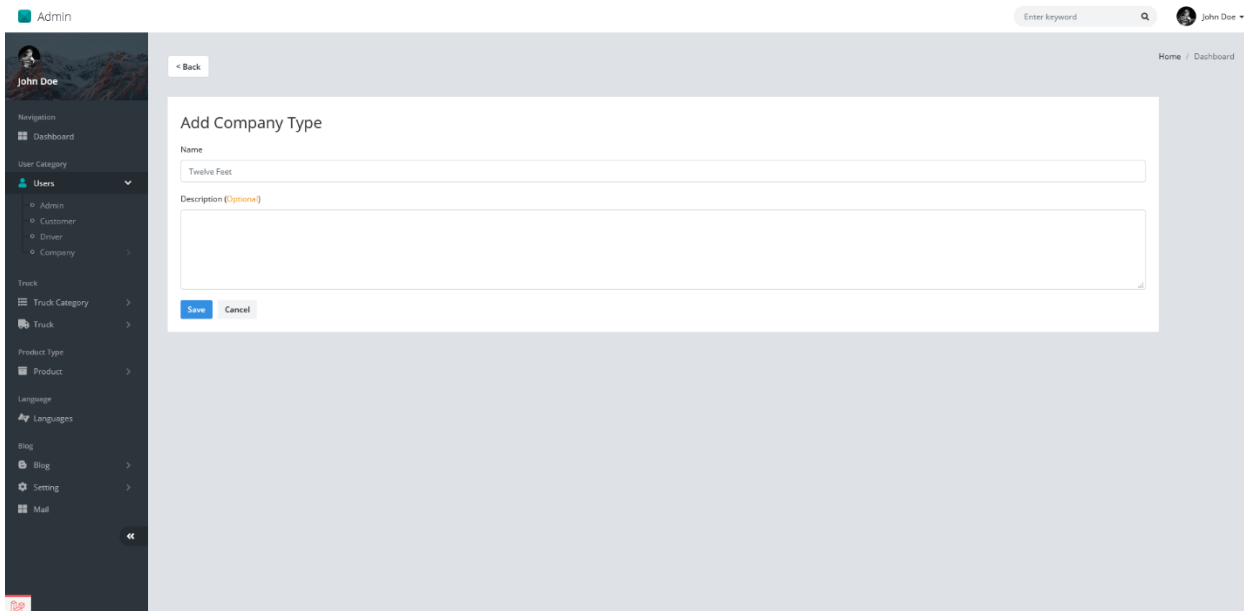
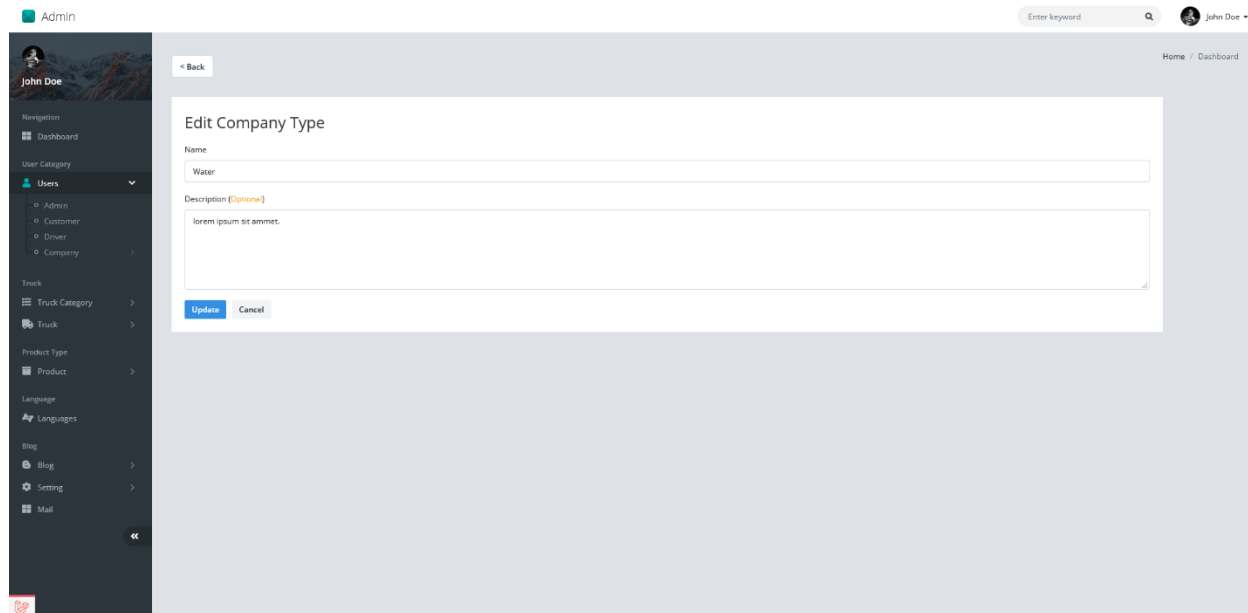


Figure 6.5. 2:UI (Company Type Add)

6.5.3 Company Type Edit



Admin Enter keyword 🔍 John Doe ▾

Home / Dashboard

John Doe

Navigation

- Dashboard
- User Category
 - Users ▾
 - Admin
 - Customer
 - Driver
 - Company
- Truck
 - Truck Category
 - Truck
- Product Type
 - Product
- Language
 - Languages
- Blog
 - Blog
- Setting
 - Setting
- Mail

Back

Edit Company Type

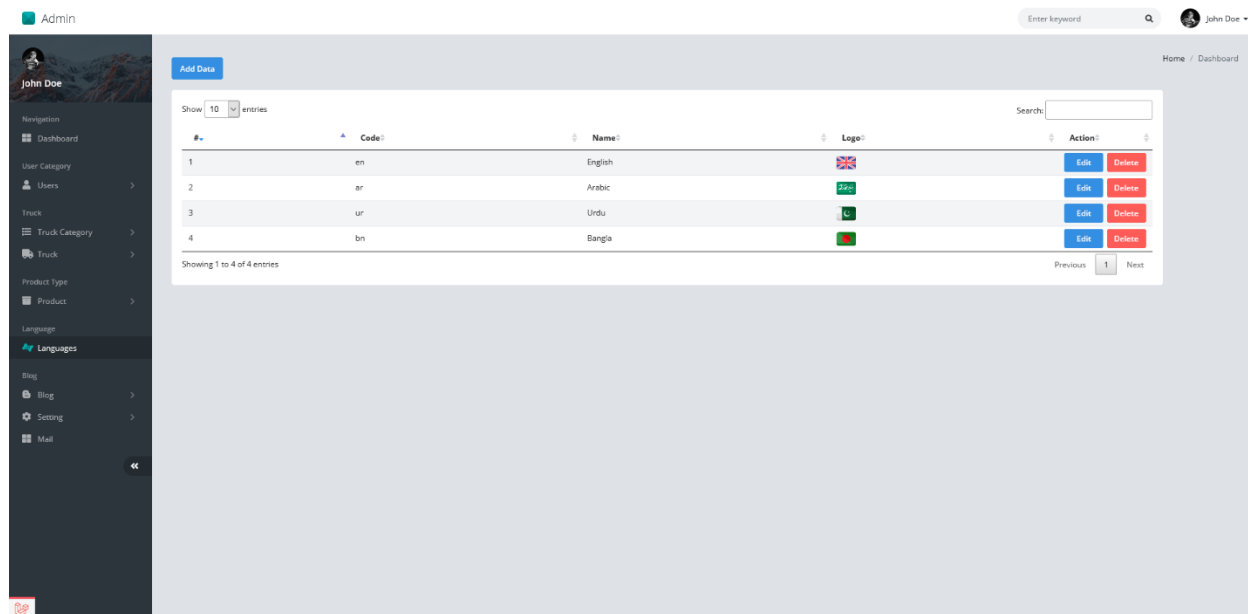
Name:

Description (Optional):

Figure 6.5. 3:UI (Company Type Edit)

6.6 Manage Language

6.6.1 Language List



Admin Enter keyword 🔍 John Doe ▾

Home / Dashboard





John Doe

Navigation

- Dashboard
- User Category
 - Users ▾
 - Admin
 - Customer
 - Driver
 - Company
- Truck
 - Truck Category
 - Truck
- Product Type
 - Product
- Language
 - Languages
- Blog
 - Blog
- Setting
 - Setting
- Mail

Add Data

Show 10 entries Search:

#	Code	Name	Logo	Action
1	en	English		<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	ar	Arabic		<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	ur	Urdu		<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	bn	Bangla		<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Showing 1 to 4 of 4 entries Previous 1 Next

Figure 6.6. 1:UI (Language List)

6.6.2 Language Edit

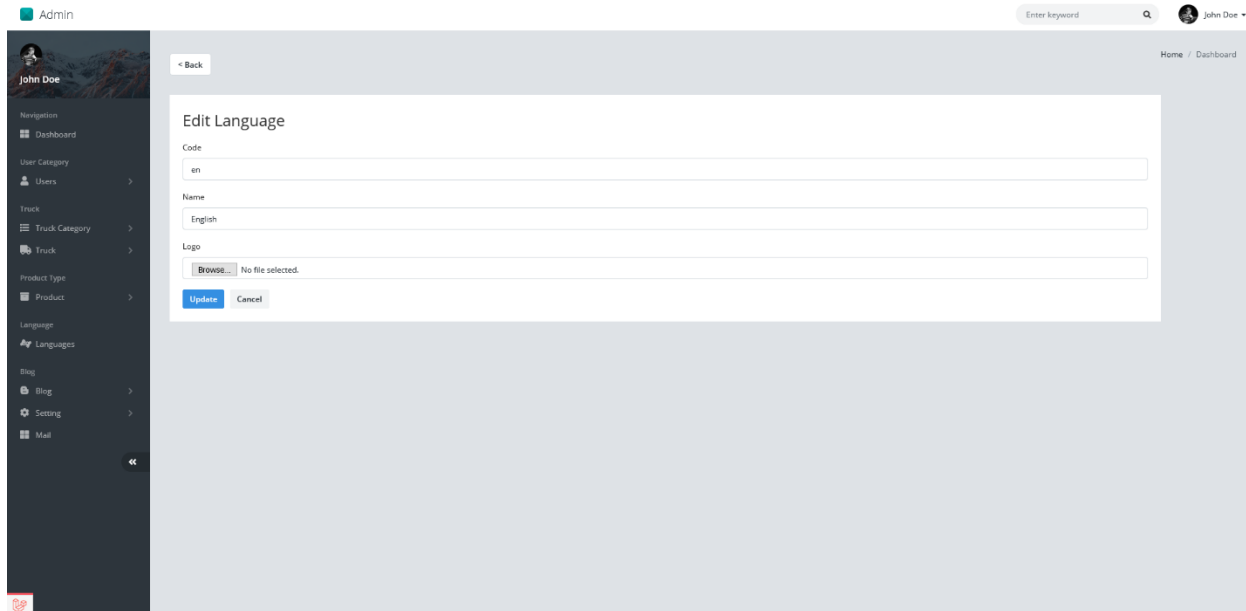


Figure 6.6. 2: UI (Language Edit)

6.7 Manage Truck Category

6.7.1 Truck Category List

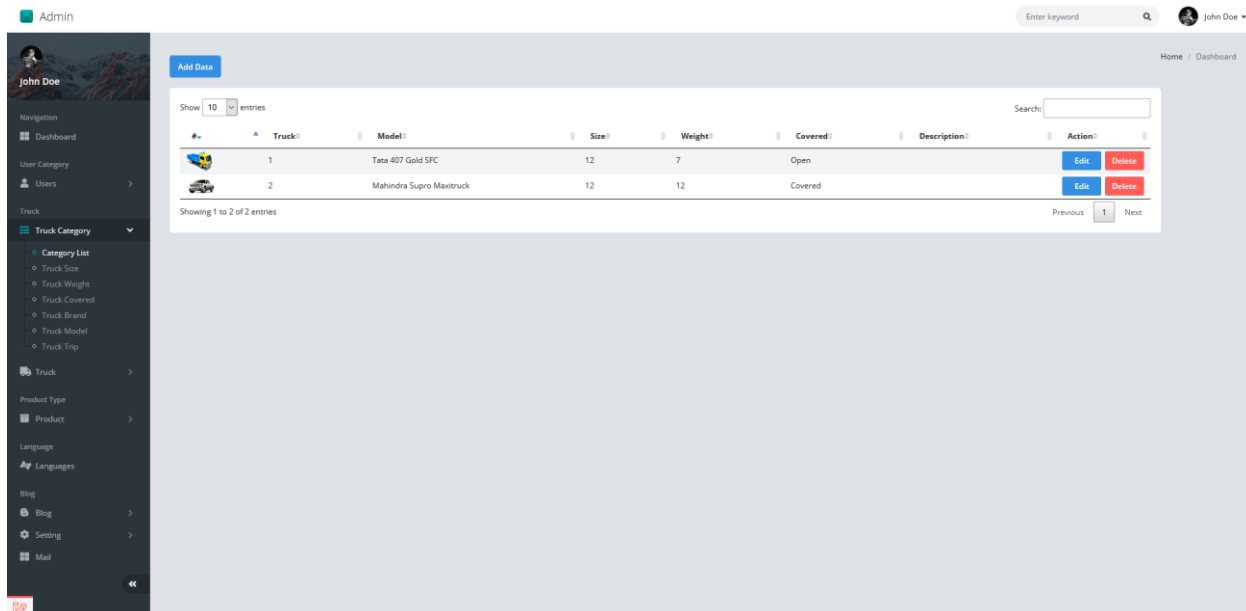
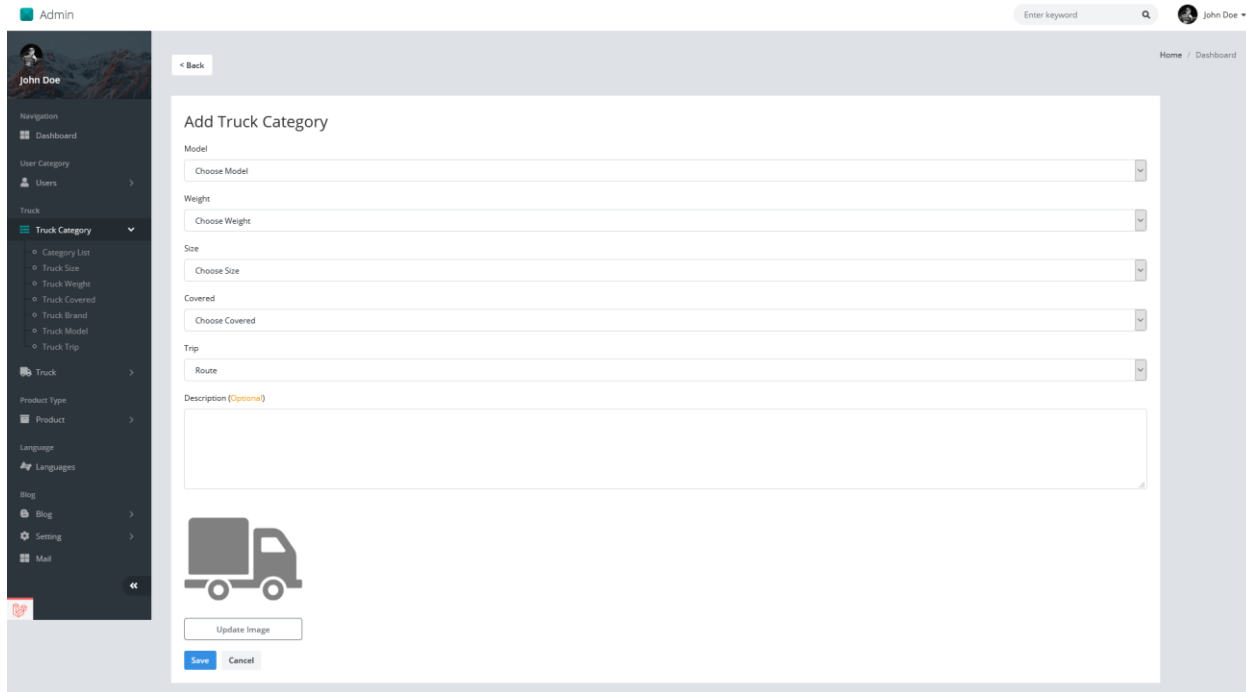


Figure 6.7. 1: UI (Truck Category List)

6.7.2 Truck Category Add



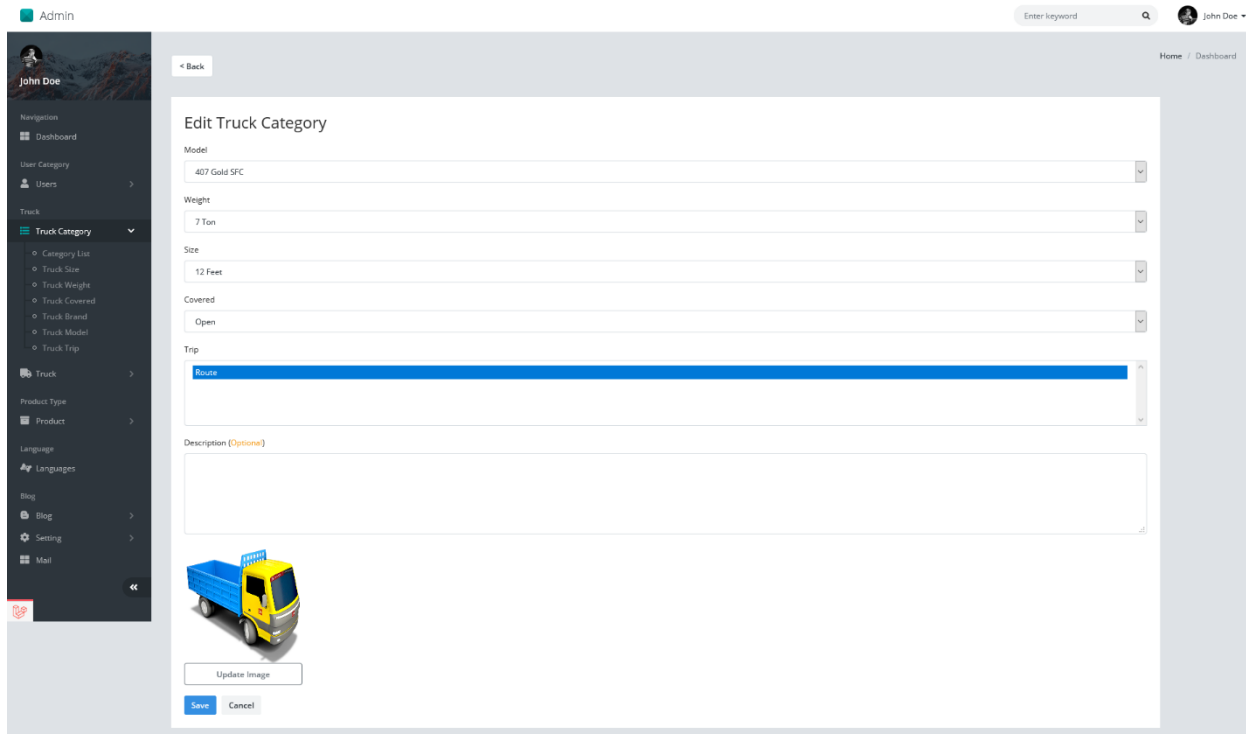
The screenshot shows the 'Add Truck Category' form in the admin dashboard. The form includes the following fields:

- Model:** A dropdown menu with the option 'Choose Model'.
- Weight:** A dropdown menu with the option 'Choose Weight'.
- Size:** A dropdown menu with the option 'Choose Size'.
- Covered:** A dropdown menu with the option 'Choose Covered'.
- Trip:** A dropdown menu with the option 'Route'.
- Description (Optional):** A large text area for entering the category description.

Below the form, there is a placeholder image of a truck and an 'Update Image' button. At the bottom, there are 'Save' and 'Cancel' buttons.

Figure 6.7. 2:UI (Truck Category Add)

6.7.3 Truck Category Edit



The screenshot shows the 'Edit Truck Category' form in the admin dashboard. The form includes the following fields:

- Model:** A dropdown menu with the value '407 Gold SFC'.
- Weight:** A dropdown menu with the value '7 Ton'.
- Size:** A dropdown menu with the value '12 Feet'.
- Covered:** A dropdown menu with the value 'Open'.
- Trip:** A dropdown menu with the value 'Route'.
- Description (Optional):** A large text area for entering the category description.

Below the form, there is a placeholder image of a truck and an 'Update Image' button. At the bottom, there are 'Save' and 'Cancel' buttons.

Figure 6.7. 3:UI (Truck Category Edit)

6.8 Setting



Figure 6.8. 1: UI (Setting)

6.9 Blog

6.9.1 Blog Category

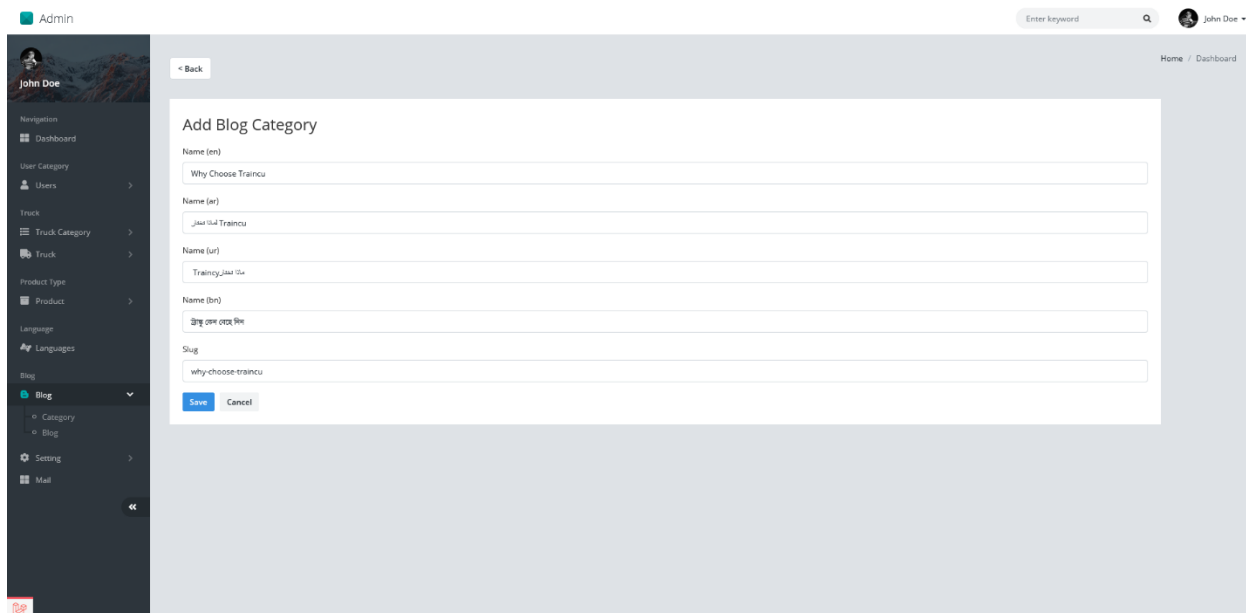


Figure 6.9. 1: UI (Blog Category)

6.9.2 Blog Add

Admin
Enter keyword
John Doe

John Doe

- Dashboard
- Users
- Truck
- Truck Category
- Truck
- Product Type
- Truckbook
- Language
- Language
- Blog
- Blog Category
- Blog
- Setting
- Mail

Back
Home / Dashboard

Add Blog

Title (en)

A GUIDELINE TO TRUCK & PICKUP RENTAL RATE WITHIN URSAKALITY

Title (ar)

دليل المالكين على اجرة الشاحنة وجرار التاكسي في اورياكالي

Title (ur)

دليل مالكو جرات وجرار تاكسي في اورياكالي

Note (en)

and please add title to prevent any spam keywords


Note (ar)

and please add title to prevent any spam keywords

Blog (Shortcode)

#addshortcodesortorder=1&parent=1&status=1&visibility=1

The slug has already been taken.



Uploading Image

Blog Category

Home Shifting Why Choose TruckLagge?

Summary (en)

Bachelors usually have 2-3 heavy luggage and everything else includes books and sacks of clothes, which do not require as much laborers as a family home. In many cases, those who want to reduce the cost a little, can hire 1 laborer and assist him/herself.

Summary (ar)

Bachelors usually have 2-3 heavy luggage and everything else includes books and sacks of clothes, which do not require as much laborers as a family home. In many cases, those who want to reduce the cost a little, can hire 1 laborer and assist him/herself.

Summary (ur)

Bachelors usually have 2-3 heavy luggage and everything else includes books and sacks of clothes, which do not require as much laborers as a family home. In many cases, those who want to reduce the cost a little, can hire 1 laborer and assist him/herself.

Summary (en)

Bachelors usually have 2-3 heavy luggage and everything else includes books and sacks of clothes, which do not require as much laborers as a family home. In many cases, those who want to reduce the cost a little, can hire 1 laborer and assist him/herself.

Rich textion (en)

4. How to avail labor service and what will be the cost?
 If you just want to shift by hiring a truck from the app, you can tell the truck owner after booking the pickup that you also need labor support. In this case, you have to talk to the pickup owner separately about the laborer charge.
 Labor charges for bachelor home shifting depend on what time of the month you are shifting. These charges range from a minimum of 700 Taka to a maximum of 1,000 Taka. The cost depends on the quantity of goods and how long it takes to shift. The cost is also dependent on the timing of shifting, as the demand for shifting is higher at the end of the month.
 Note: The aforementioned cost is applicable for shifting from 4th floor to 4th floor. In case of shifting on a higher floor, the charge may be higher as per the demand of the laborer.

5. How much would be the total cost of shifting?
 For a bachelor, depending on the distance and the amount of goods to be shifted, the total cost of shifting can range from a minimum of 1,500 Taka to a maximum of 3,000 Taka, including labor charges.
 If you need a 2 ton 12 feet pickup for shifting inside Dhaka City, the cost of shifting with labor is between 5,000-6,000 Taka. The cost of shifting outside Dhaka City will increase depending on the distance.


6. How to avail shifting services?
 If you need only a pickup to shift your home, you can directly download "Truck Lagge" app from Google Play store and hire a pickup according to your preference.
 And if you require special shifting services, you can make your shifting experience even easier by communicating directly with Truck Lagge Home Shifting team at the number: 09823000245.
 For bachelors, Truck Lagge offers customizable shifting packages which are relatively inexpensive and are operated by professional laborers.

Description (en)

2. What would be the cost of hiring a pickup?
 The cost of hiring pickup depends on where the shifting is taking place and how long it takes to shift. Depending on the distance, the fare for 1 ton 7 feet pickup in Dhaka City is between 700 to 1500 Taka and the rate for 2 ton 12 feet pickup is usually 2000-3000 Taka.
 In this case, you can hire a pickup at home using the "Truck Lagge" app. The Pickup fare in Dhaka city is fixed in the app. You can book a pickup in just 1 minute if you post a trip request in the app 1-2 days ahead of shifting. However, it can take up to 30 minutes to rent a 12-foot truck.
 Note: You can also avail the special shifting service package along with skilled labor. Truck Lagge offers special home shifting services across the country for families and bachelors.

3. How many laborers will be needed for shifting?
 Bachelors usually have 2-3 heavy luggage and everything else includes books and sacks of clothes, which do not require as much laborers as a family home. In many cases, those who want to reduce the cost a little, can hire 1 laborer and assist him/herself.
 However, according to the home shifting expert of Truck Lagge, it is always safe to hire two people, which increases the cost a bit, but actually reduces the chances of damage to the goods.
 If 2 ton 12 feet pickup is required for transporting your goods, a laborer will be required according to the quantity of goods.

Description (ur)



2. What would be the cost of hiring a pickup?
 The cost of hiring pickup depends on where the shifting is taking place and how long it takes to shift. Depending on the distance, the fare for 1 ton 7 feet pickup in Dhaka City is between 700 to 1500 Taka and the rate for 2 ton 12 feet pickup is usually 2000-3000 Taka.
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 If 2 ton 12 feet pickup is required for transporting your goods, a laborer will be required according to the quantity of goods.

Description (en)

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 If you just want to shift by hiring a truck from the app, you can tell the truck owner after booking the pickup that you also need labor support. In this case, you have to talk to the pickup owner separately about the laborer charge.
 Labor charges for bachelor home shifting depend on what time of the month you are shifting. These charges range from a minimum of 700 Taka to a maximum of 1,000 Taka. The cost depends on the quantity of goods and how long it takes to shift. The cost is also dependent on the timing of shifting, as the demand for shifting is higher at the end of the month.
 Note: The aforementioned cost is applicable for shifting from 4th floor to 4th floor. In case of shifting on a higher floor, the charge may be higher as per the demand of the laborer.

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 And if you require special shifting services, you can make your shifting experience even easier by communicating directly with Truck Lagge Home Shifting team at the number: 09823000245.
 For bachelors, Truck Lagge offers customizable shifting packages which are relatively inexpensive and are operated by professional laborers.

Save Cancel

Figure 6.9. 2: UI (Blog Add)

6.10 Truck Manage

6.10.1 Truck List

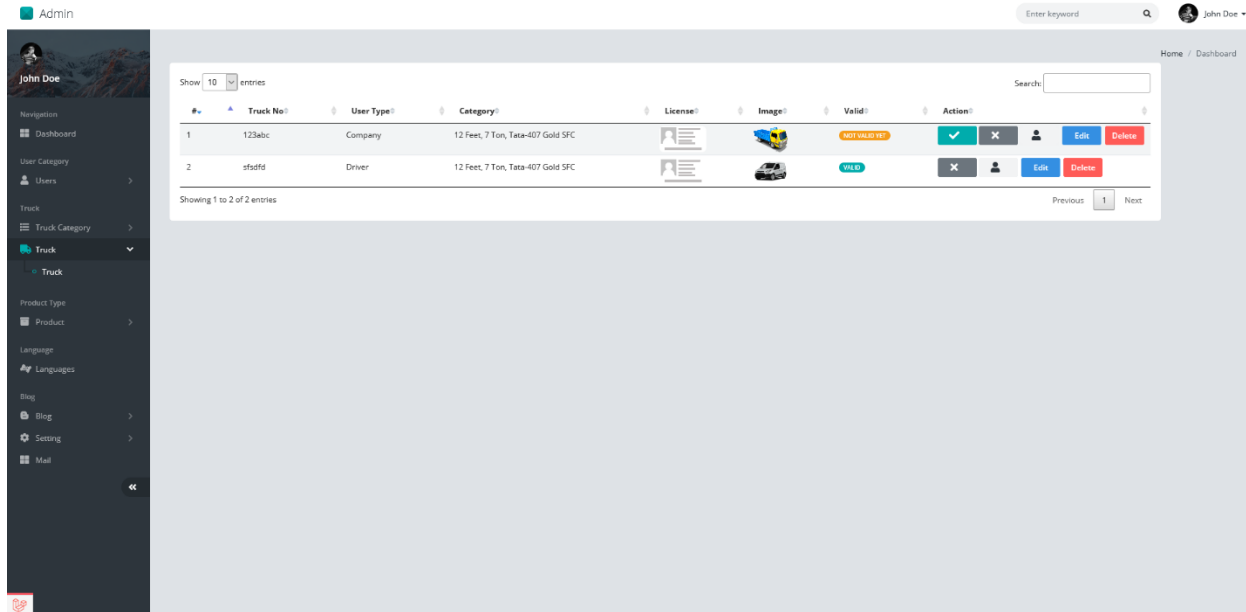


Figure 6.10. 1:UI (Truck List)

6.10.2 Truck Edit

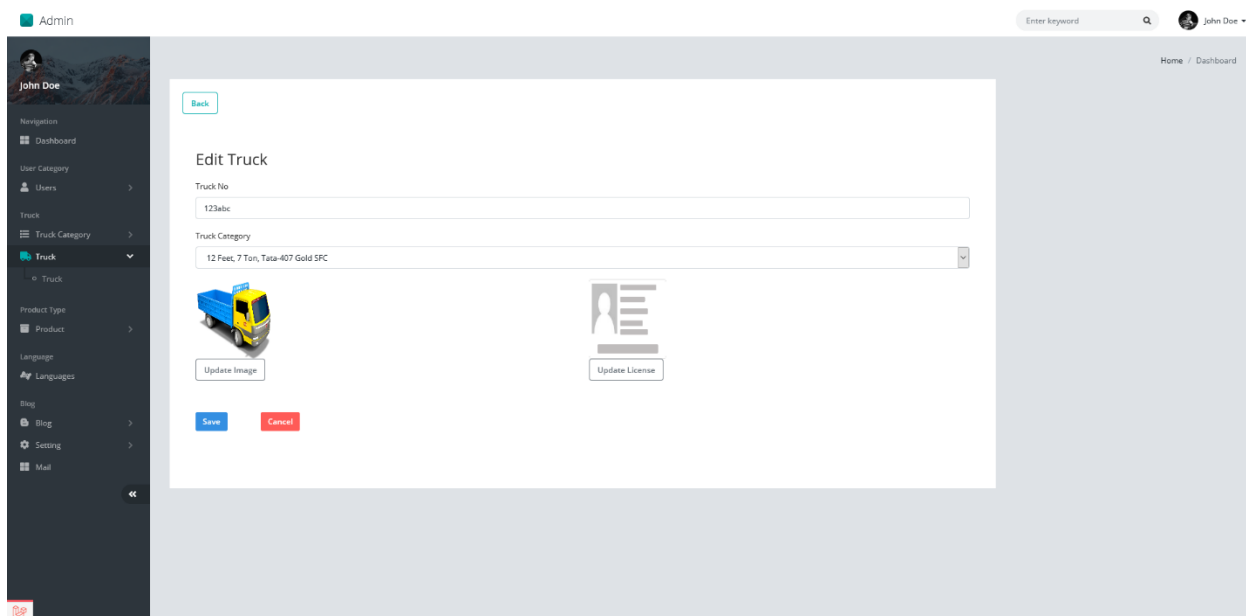



Figure 6.10. 2:UI (Truck Edit)

6.11 Landing Page




SEWAGE WATER TANKER RENTAL REQUEST


طلب استئجار صهريج مياه المجاري

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Save time — book and pick-up your vehicle in minutes.



Rent on your own schedule — no restrictions business hours




Get great rates tailored to your needs




Take the headache out of renting. No Deposits, no hidden fees.

Our Clients

Types of Vehicle




12 Ton Truck



7 Ton Truck

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READ OUR LATEST BLOG



Bachelor Home Shift
6 things you should know before shifting

A GUIDELINE TO TRUCK & PICKUP RENTAL RATE WITHIN DHAQA CITY
By: Admin | COMMENTS: 0

Bachelors usually have 2-3 heavy luggage and everything else includes books and sacks of clothes, which do not require too much laborers as a female home. In many cases, those who want to reduce the cost of shift, can hire 1 laborer and assist him/herself. However, according to the frame shifting expert of Truck Rental, it is always safe for hire two people, which increases the cost a bit, but actually reduces the chances of damage to the goods. If a ton 12 foot pickup is required for transporting your goods, 4 laborers will be required according to the quality of goods. [..]


More

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Usage

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johndoe@email.com

▶

Social Links

f
t
+
wh
in

Figure 6.11 UI (Landing Page) 1

108

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6.12 Contact Us

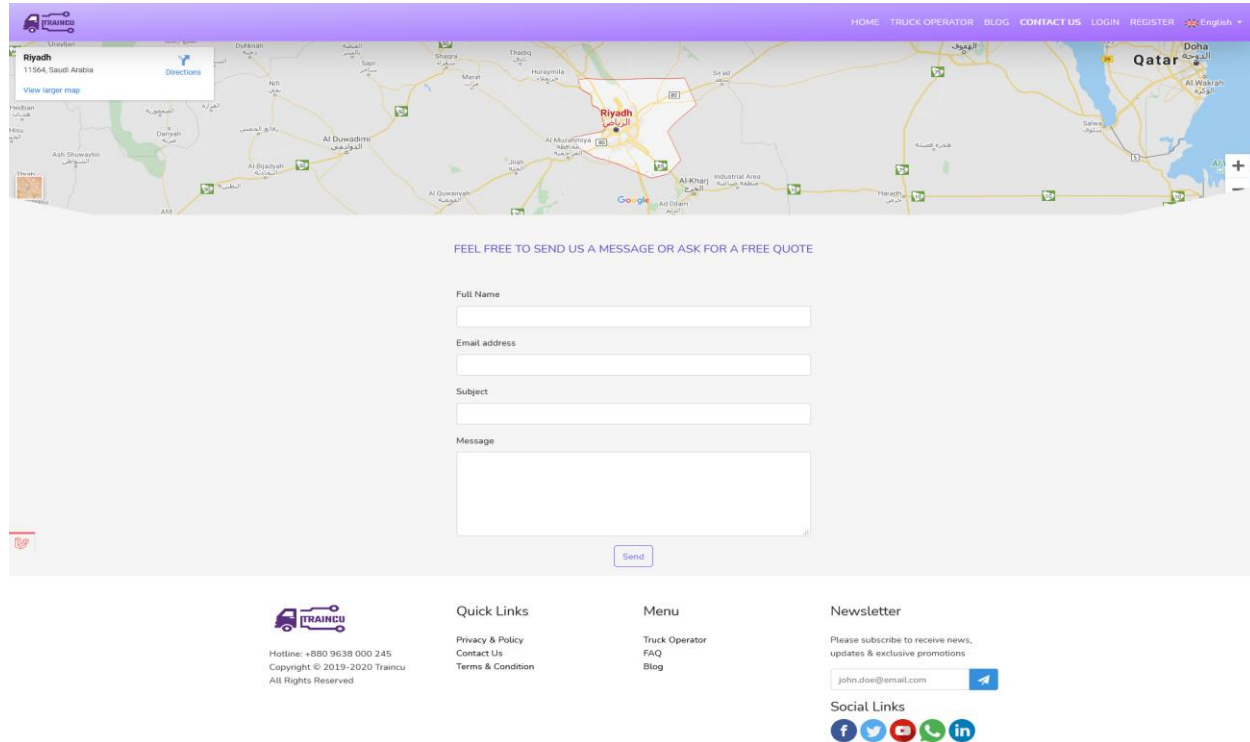


Figure 6.12 UI(Contact US) 1

6.13 Blog

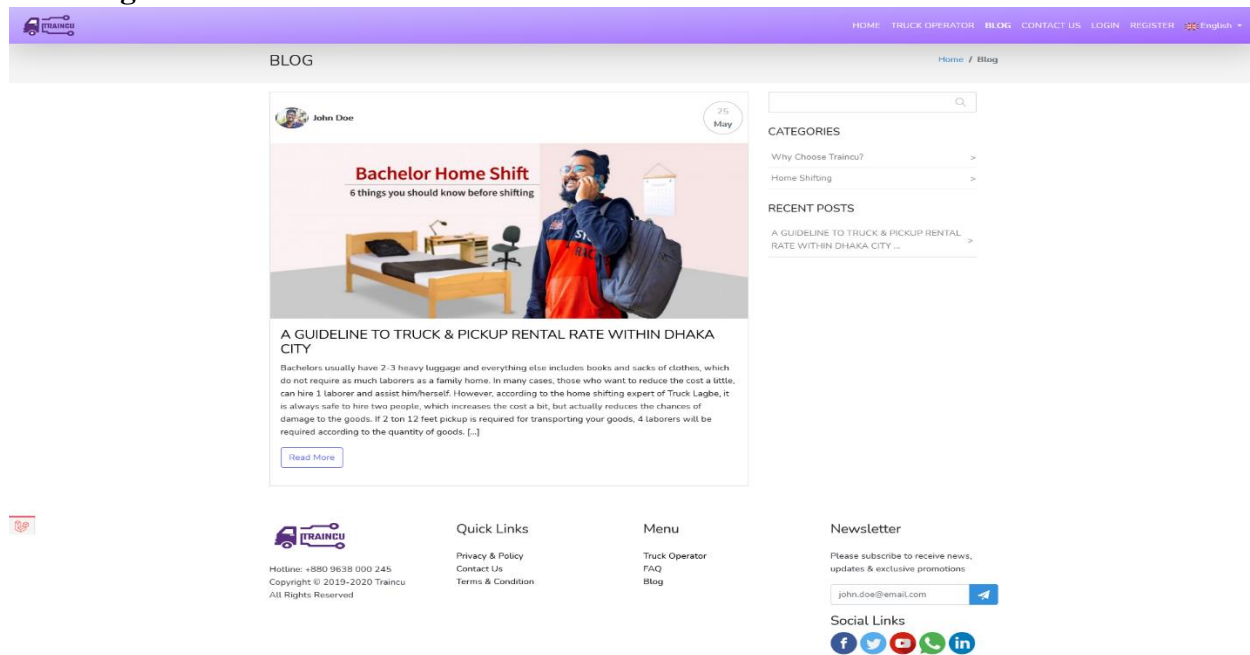
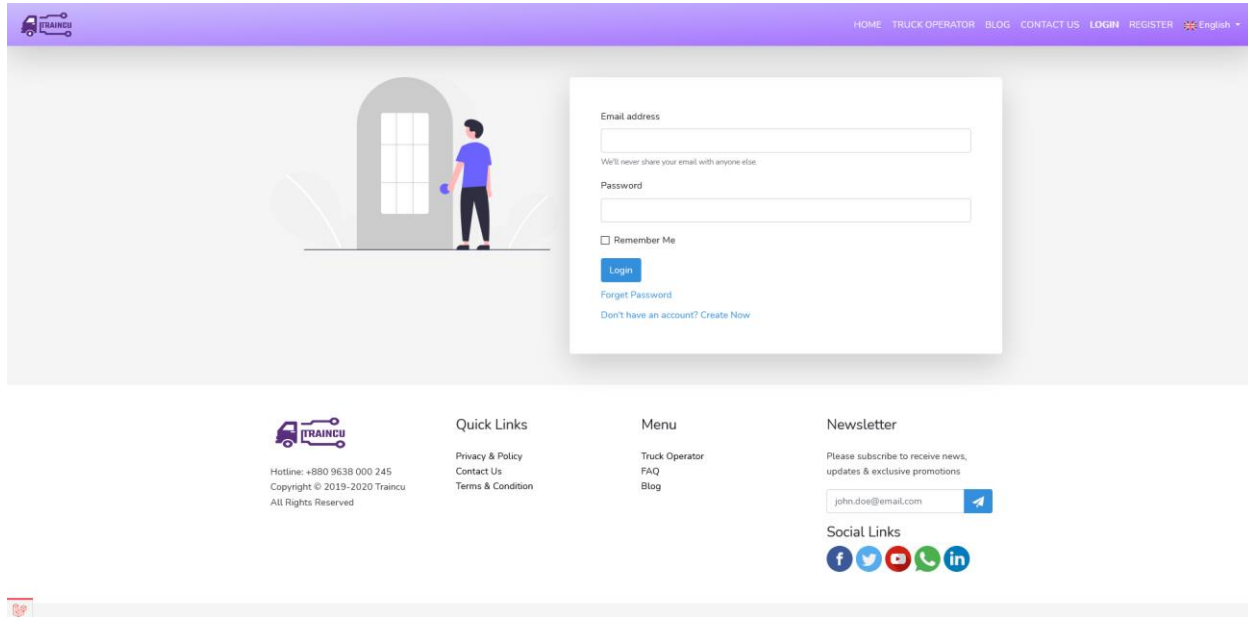


Figure 6.13 UI (Blog) 1

6.14 Login



HOME TRUCK OPERATOR BLOG CONTACT US LOGIN REGISTER English

Email address

We'll never share your email with anyone else.

Password

Remember Me

Login

[Forgot Password](#)

[Don't have an account? Create Now](#)

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[Truck Operator](#)
[FAQ](#)
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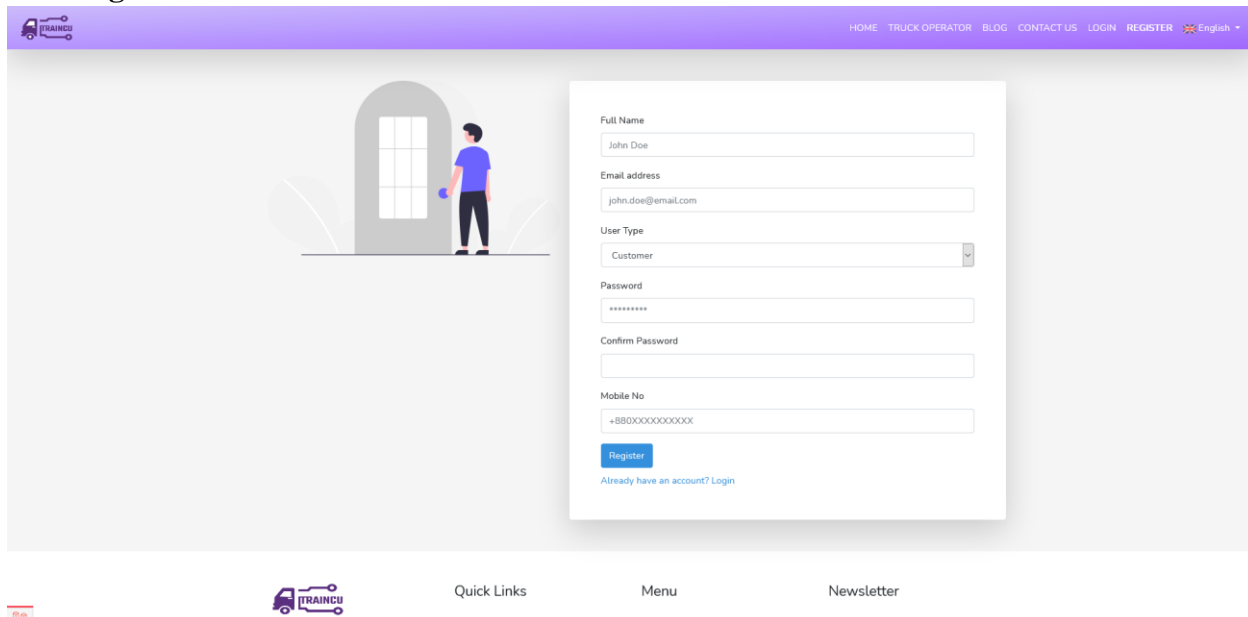
Newsletter
Please subscribe to receive news, updates & exclusive promotions

john.doe@email.com

Social Links
[f](#) [t](#) [v](#) [w](#) [in](#)

Figure 6.14 UI (Login) 1

6.15 Register



HOME TRUCK OPERATOR BLOG CONTACT US LOGIN REGISTER English

Full Name
John Doe

Email address
john.doe@email.com

User Type
Customer

Password

Confirm Password

Mobile No
+880XXXXXXXXXX

Register

[Already have an account? Login](#)

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Social Links
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Figure 6.15 UI (Register) 1

6.16 Customer Profile

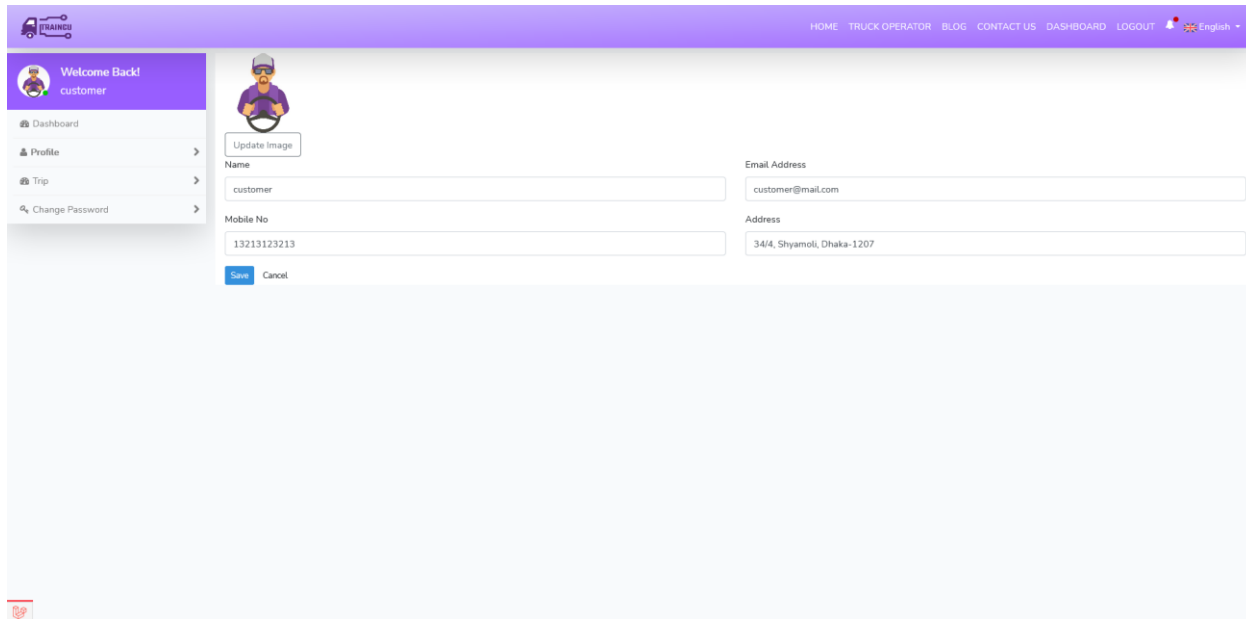


Figure 6.16 UI (Customer Profile) 1

6.17 Driver Profile

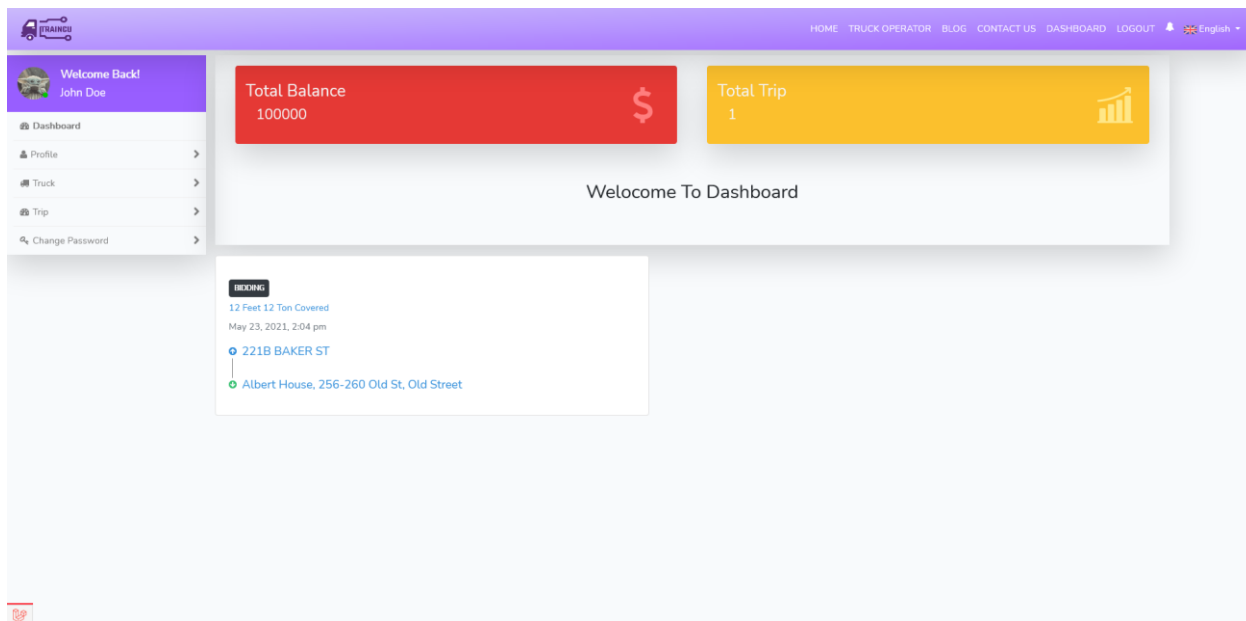


Figure 6.17 UI (Driver Profile) 1

6.18 User Home

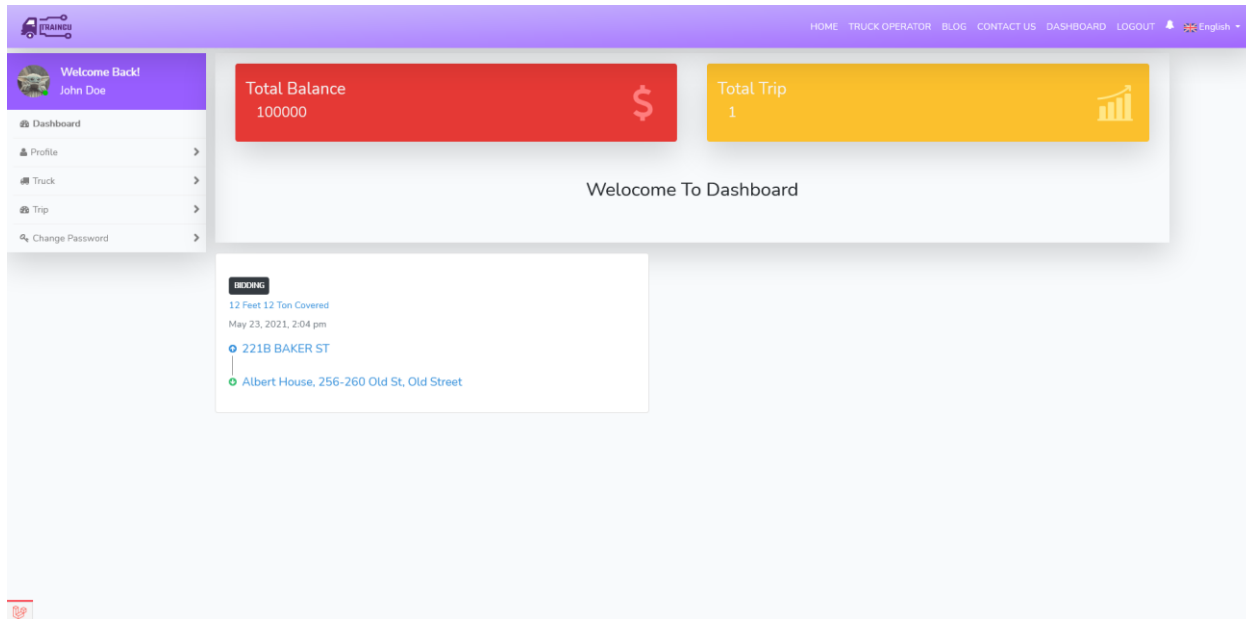


Figure 6.18 UI (Driver Home) 1

6.19 Customer Current Trip

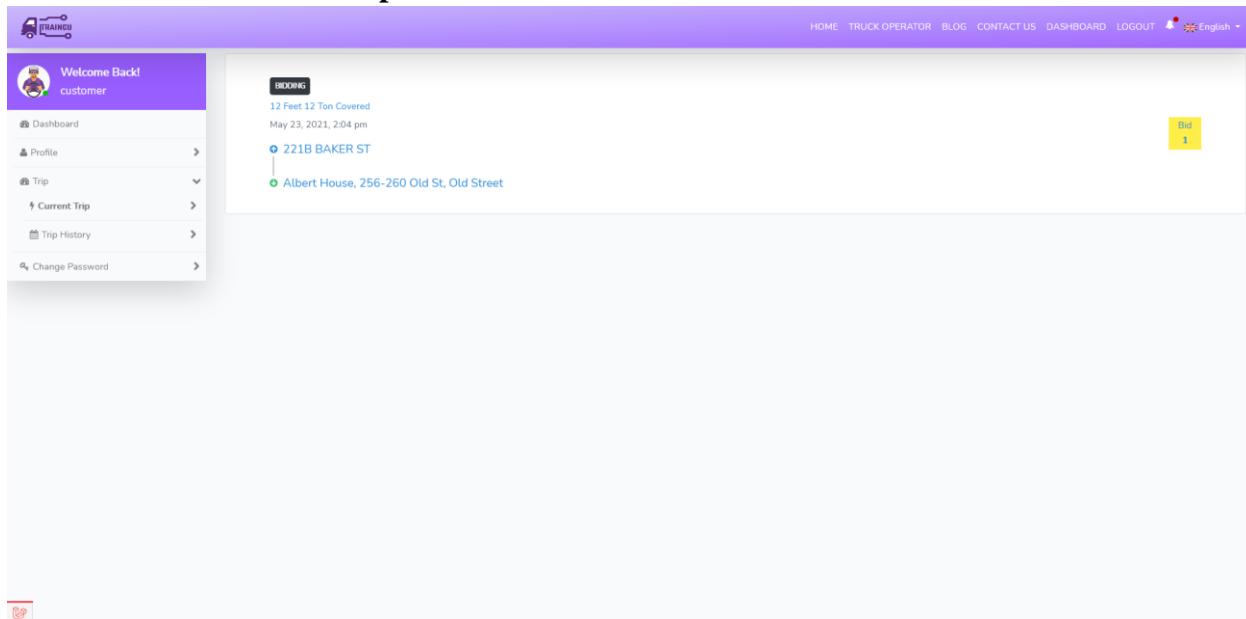
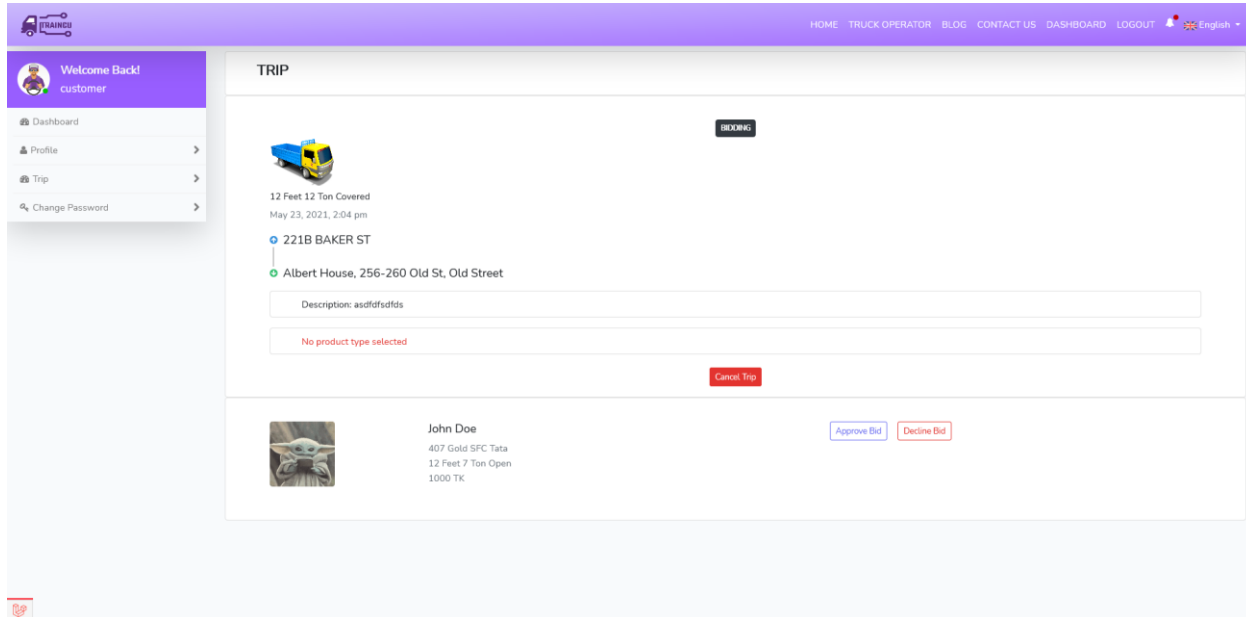


Figure 6.19 UI (Customer current Trip) 1

6.20 Trip View



The screenshot shows a web application interface for viewing a trip. At the top, there is a purple navigation bar with a truck icon and the text "TRIP" on the left, and a menu of links (HOME, TRUCK OPERATOR, BLOG, CONTACT US, DASHBOARD, LOGOUT) and a language selector (English) on the right. Below the navigation bar is a sidebar on the left with a "Welcome Back! customer" header and a list of menu items: Dashboard, Profile, Trip, and Change Password. The main content area is titled "TRIP" and displays the following information:

- A truck icon and a "BIDDING" button.
- Vehicle details: "12 Feet 12 Ton Covered" and "May 23, 2021, 2:04 pm".
- Origin: "221B BAKER ST".
- Destination: "Albert House, 256-260 Old St, Old Street".
- Description: "asdfsdfds".
- Product type: "No product type selected".
- A "Cancel Trip" button.
- A bidder profile for "John Doe" with a Yoda avatar, address "407 Gold SFC Tata", and vehicle "12 Feet 7 Ton Open 1000 TK".
- Buttons for "Approve Bid" and "Decline Bid".

Figure 6.20 UI (Trip View) 1

CHAPTER 7

PROJECT SUMMERY

7.1 GitHub Link

<https://github.com/bappi2097/truckchai>

7.2 Limitations

This is a web based application. There we have many more limitation some are architectural and some are implementation. So, as like all web application is has some limitation on architectural level like this application cannot use without internet. For location input we have to input the location this is also a limitation. In this application, customer cannot communicate with driver or company through this application. So this is also a limitation of this system. For mobile user it's hard to use. So, for mobile user it's better to have a mobile application. So, this is also a limitation.

7.3 Obstacles & Achievements

In this development process, I have faces many obstacles which is also part of my learning. Before this project I don't have enough idea about creation a full system maintaining a development process. And by following development process its make easy to cope with obstacles. By this project, I have contribute in each development life cycle steps. And it is a great achievement for me. And, I have also learn a MVC framework and web development. Which also helps me in my career.

7.4 Future Scope

This system has a very proficient future. By adding some functionalities we can this more effectively. Like we can add some concrete, garbage, water, oil company. So they can provide their product or services. And for mobile user, we can develop a Mobile App. Here we can also add some vehicle part buy-sell feature. By this, many user can buy equipment's or rent it.

CHAPTER-8

PROJECT REFERENCES & PLAGIARISM REPORT

8.1 References

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8.2 Plagiarism Report

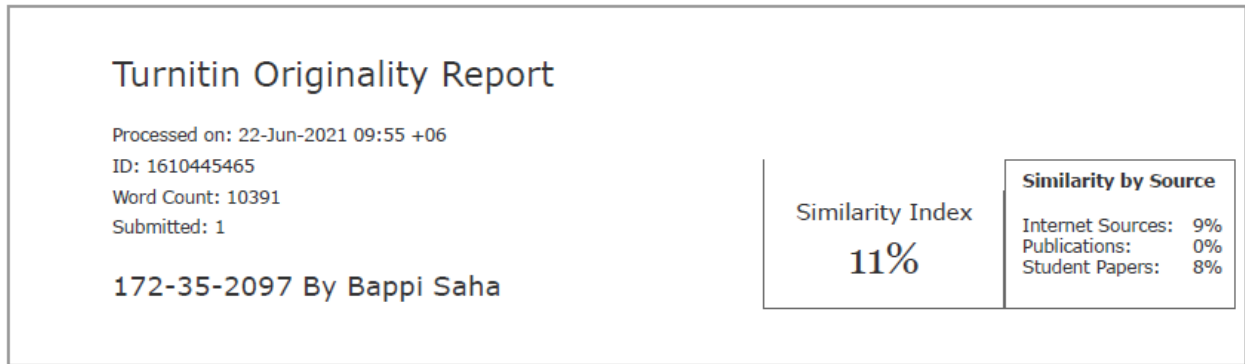


Figure 8. 1 Plagiarism