



Daffodil
International
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Title: Employee Transport System

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This Project report submitted in satisfaction of the necessities for the level of Bachelor of Science Engineering.

Department of Software Engineering
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APPROVAL

This Project titled “**Employee Transport System**” submitted by **Md. Shohel Rana, ID:153-35-1314** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial satisfaction of the requirements for the degree of BSc in Software Engineering and approved as to its style and contents.

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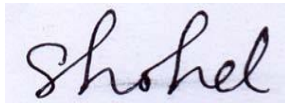
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DECLARATION

I hereby declare that, this project report submitted to the Daffodil International University, is a record of an original work done by me under the direction of **Ms.Nusrat Jahan**, Senior Lecturer at the department of Software Engineering, Daffodil International University. I additionally pronounce that the project revealed in this report has not been submitted to some other University or Institute for the honor of any degree or confirmation.

Submitted By

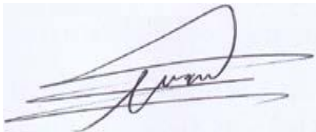


Md. Shohel Rana

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Alhamdulillah, I have been effectively finished the project by the Gratefulness of almighty Allah. I would like to acknowledge the many respected individuals who have contributed to the management of the project at various stages.

First, I would like to thanks from my heart to my parents to give the opportunity for studying in Software Engineering. They made my way easier to achieve my goals and my dreams, without them it will not be possible.

I would express my most profound gratitude to my honorable supervisor and teacher **Ms. Nusrat Jahan, Senior Lecturer** Department of Software Engineering, Daffodil International University. She is the coolest person, I had ever seen and she had lot of experience in the Software Engineering field. Her valuable advice, supervision and lot of experience made it easier to complete the project.

I would express my deepest thanks to Honorable **Dr.Touhid Bhuiyan, Professor and Head**, Department of Software Engineering, for his kind aid to finish my project. Also thanks my heart to my honorable faculty member and staff of Software Engineering department of Daffodil International University.

My contribution to this project did not make it successful without help of my course mate. They always encouraged me to develop this project and help me to discover the project goals and problem, also help me find out the critical problem solutions.

Finally, I would like to express my thanks to the readers, reviewers of this document who will send me reactions for further improvement.

ABSTRACT

This project is “**Employee Transport System**”. The purpose of my project is to develop an online application where an employee requests for his bus to the company by this system. Admin will approve this request and provide bus information to the employee. This will be an automation system for request bus and it will reduce time and cost.

Every software development follows some rules and method, I also following some method to develop this project. My whole project work will follow the agile methodology. I choose it because my whole project needs to implement some part then test it and agile methodology will help me to reduce the project risk.

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CHAPTER-1

INTRODUCTION

1.1ProjectOverview

Pick up and drop off are an essential service that can provide the transport service for an organization's employees. If not managed well then it can create a big problem. The Employee transportation system will provide an application platform that organize all the pick and drop related services. The employee transportation service application is designed in a way that will provide a smooth flow of services between the admin and the users, where the admin will be manage the organization and the user will be the employees.

1.2 Project Purpose

1.2.1 Background

Since the company has no transport system yet, the employee has to suffer while going to their job. They are late at their working place often. They have to go through many hassle. Also they have to suffer while returning home from work place. The Employee Transport System will solve these problems. This system can manage all vehicle's pickup place and time according to employee's work time.

1.2.2 Benefits and beneficiaries

By using the Employee Transport System the company will be benefitted in many ways. Using this system it will save time and increase productivity of the company. The benefits of using this system is given below:

- 1) The system will reduce the consumption of time during maintaining the records of employee bus transport system
- 2) The system eliminate the long wait for vehicles at the pickup point.
- 3) Intended to provide security during travelling at night.
- 4) The system will reduce the problem of which vehicle will pick up an employee.
- 5) All vehicle related updates will be given to the employee via email notification.

1.2.3 Goals

The system is developed to reduce the sufferings of employees and overall company management. It will improve the efficiency of working hour and will increase productivity.

1.3 Stakeholder

1. Admin
2. Employee

1.4 Proposed System Model (Block Diagram)

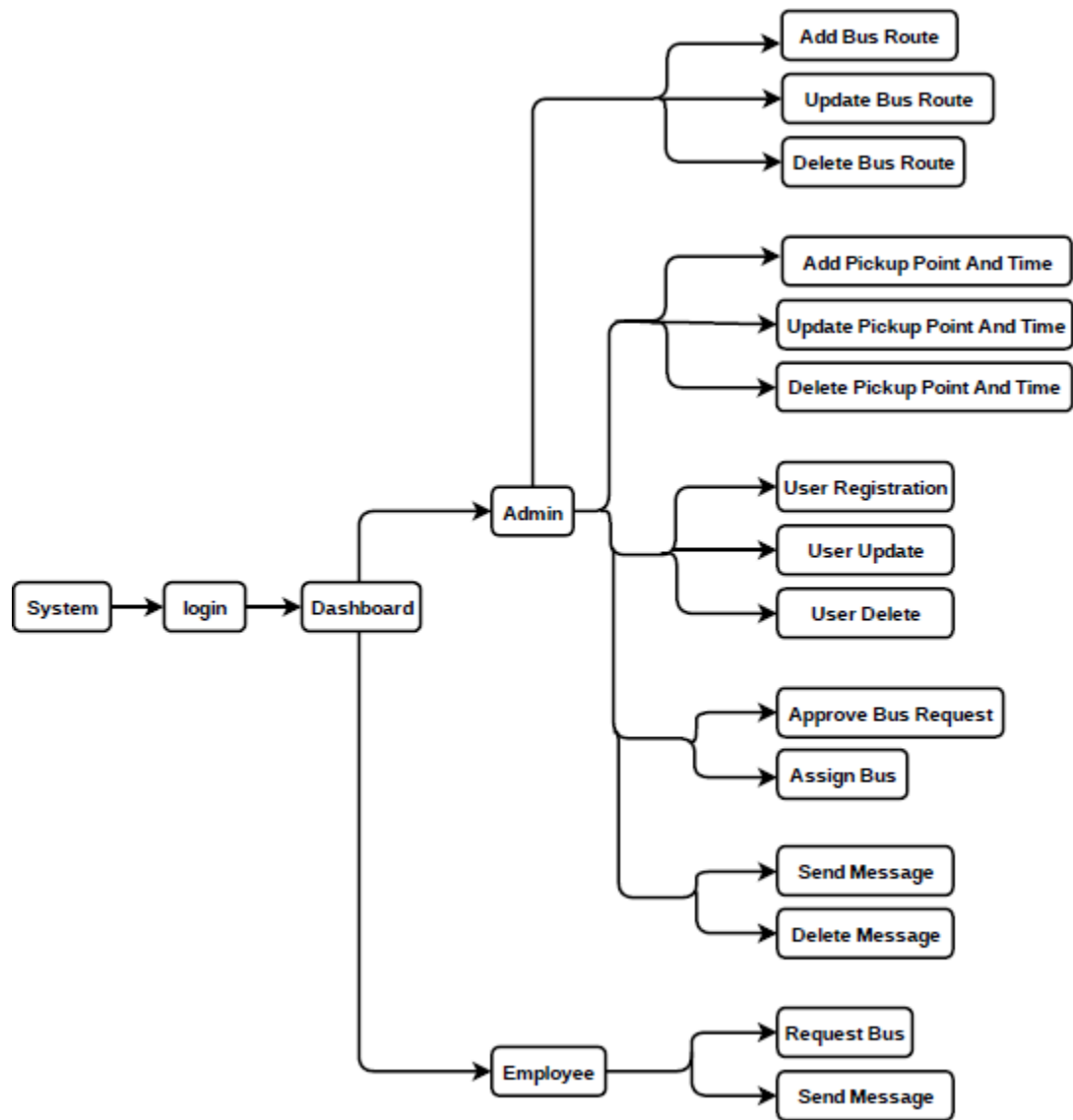


Figure 1.1: Block Diagram (Employee Transport System) [2]

1.5 Project Schedule

1.5.1 Gantt Chart

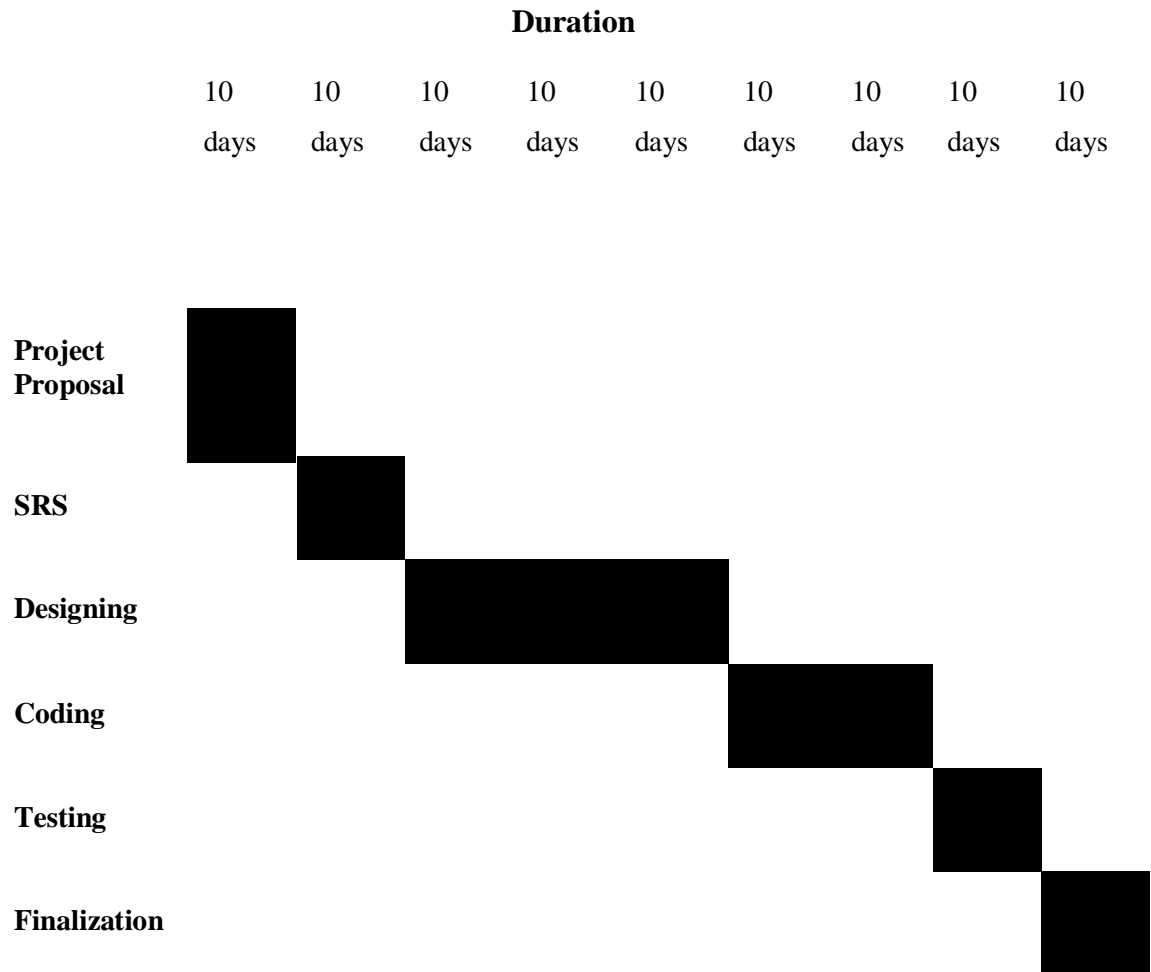


Table 1.1: Gantt chart (Employee Transport System)

1.5.2 Release Plane/Milestone

Release 1: The following contents will be delivered during release 1-

1. Project CD
 - I. Project Demo
 - II. User Manual
2. Documentation

Release 2: New feature will be added in next release.

CHAPTER-2

SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirements

1. All the users have to register to the system.
2. Admin can modify the pick-up and drop off related services.
3. Admin can assign bus according to employee information.
4. Both admin and employee can send message to each other.
5. The system should allow employee to request a bus.
6. Admin will input bus route.

2.2 Non-Functional Requirement

- 1) Attractive User Interface.
- 2) User should change password in every 30days

2.3PerformanceRequirement

2.3.1 Speed and Latency Requirements

1. Information would be embed in MySQL database inside one second.
2. Query would reaction on schedule and bring the query result inside one second.
3. The User Interface of this framework is intended to load quicker but it will rely upon users device and internet speed.
4. If there are any approval mistake on the system, the mistake would visible inside one millisecond.

2.3.2 Precisions or Accuracy Requirements

1. After each effective login user would show the accurate information from the database.
2. No one can sing up or login without valid email.
3. Only the employee can request for the bus and the admin will approve it and assign the bus.

4. All the input field should insert exact and valid information to the database.

2.4 Dependability Requirements

2.4.1 Reliability Requirements

1. Only authentic user can access to the system.
2. New user should register first with valid information.
3. Only admin can manage all user's information.

2.4.2 Availability Requirements

1. Since it is a web application it is available everywhere on the internet
2. This application should run on any web related browser like Google Chrome, Firefox etc.
3. This application performs its operations quickly as per the client's demand.

2.5 Maintainability and supportability Requirements

2.5.1 Maintenance Requirements

1. Alter framework applications when its need to change on various condition.
2. Databases are used to maintain information in a systematic way.
3. Fixed bugs when the application will be corrupted or crash.

2.5.2 Supportability Requirements

1. The user will be provide a user manual with full documentation to make the application more effective.

2.6 Security Requirements

2.6.1 Access Requirements

1. Since the registration process will handle the admin of the company, no one other than the company's employer can access the system.
2. Administrator record will be default accounts which will be usable for investigating the issue and notice the authenticate employees activity.

2.7 Usability and Human-Interactions Requirement

2.7.1 Ease of Use Requirements

1. User Interface of the application is user friendly and easy to use for all type of users.
2. The user manual is available for easy access to new users.

2.7.2 Understandability and Politeness Requirements

1. Admin account should be understandable to admin.
2. Employee account should be understandable to employee.

2.7.3 Accessibility Requirements

1. This is a web application so it can be accessed from any internet connected device.
2. Only after login, the user will be able to access his/her account.

CHAPTER-3

SYSTEMANALYSIS

3.1 Use Case Diagram

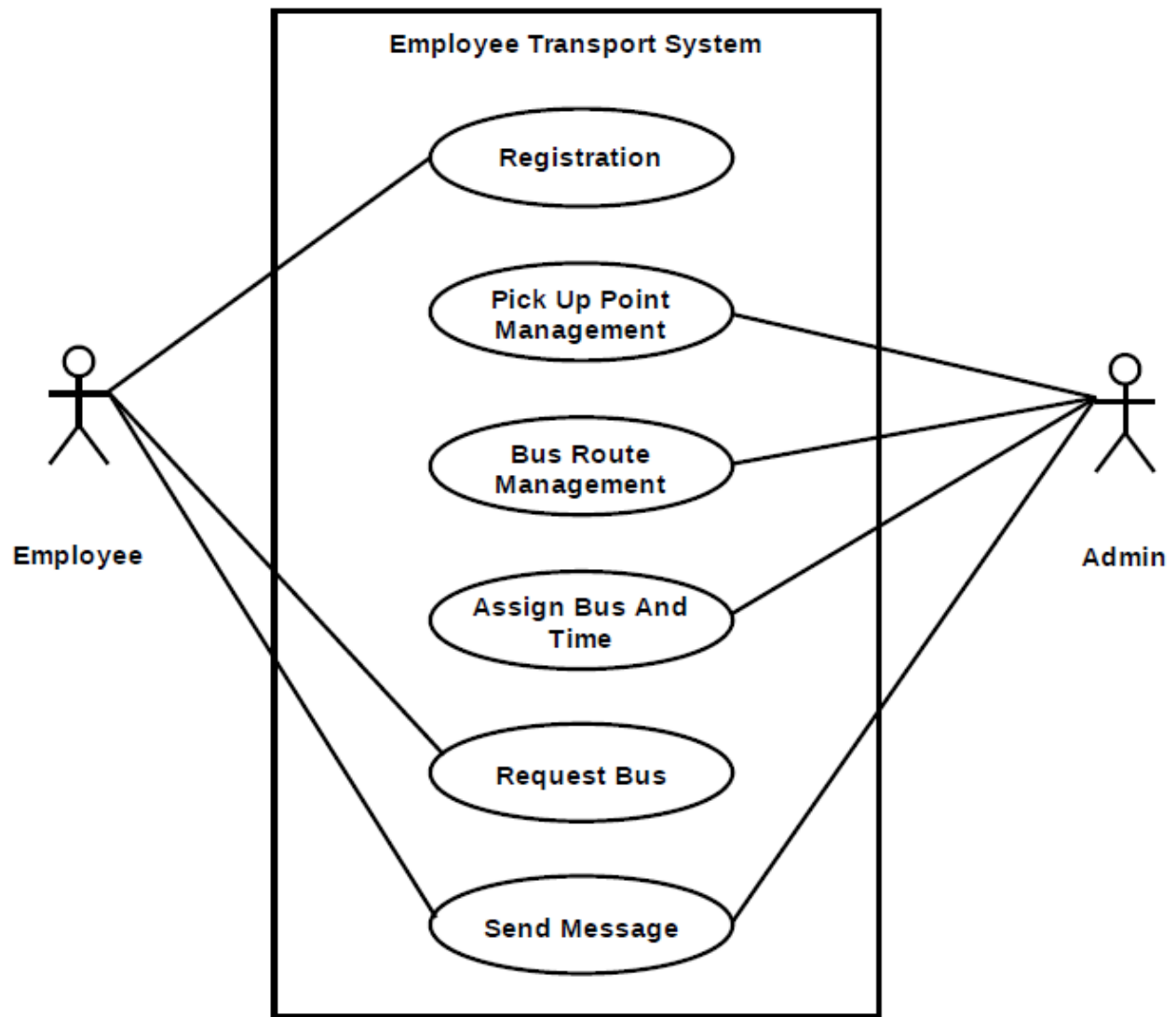


Figure 3.1: Use Case Diagram (Employee Transport System) [2]

3.2 Use Case Description

3.2.1 Case 1: Registration

Use Case Name:	Registration
Scenario:	All users have to register to the system.
Brief Description:	Every employee should register to the system With valid email address.
Actor:	Employee
Pre-Condition:	Must be needed valid email address.
Post-Condition:	After successful registration to the system, every user can access their accessible information.
Flow Of Events	1. Provide username. 2. Provide valid email address. 3. Provide phone number. 4. Select user role. 5. Confirm new password.
Tigger:	Button

Table 3.1: User Registration (Employee Transport System)

3.2.2 Case 2: Pick Up Point Management

Use Case Name:	Pick Up Point Management
Scenario:	Admin will input pick up point and time.
Brief Description:	Admin will input the pickup points of all buses so that the employees can select their convenient pickup point to request a bus.
Actor:	Admin

Pre-Condition:	The pickup time must be set according to the pick up point.
Post-Condition:	Admin can provide one pickup point and one pick up time at the same time.
Flow Of Events	<ol style="list-style-type: none"> 1. Login to the system. 2. Input pickup point and time. 3. Submit the pickup point and time.
Tigger:	Button

Table 3.2: Pick Up Point Management (Employee Transport System)

3.2.3 Case 3: Bus Route Management

Use Case Name:	Bus Route Management
Scenario:	Admin will input bus name and bus route.
Brief Description:	The admin will input the bus name and that bus route so that these information can be provided to employees when assigning a bus.
Actor:	Admin
Pre-Condition:	There is only one route for a bus.
Post-Condition:	Admin can provide one bus name and one route at the same time.
Flow Of Events	<ol style="list-style-type: none"> 1. Login to the system. 2. Input bus name and route. 3. Submit this information.
Tigger:	Button

Table 3.3: Bus Route Management (Employee Transport System)

3.2.4 Case 4: Assign Bus and Time

Use Case Name:	Assign Bus And Time
Scenario:	Admin will provide bus name and pickup time.
Brief Description:	The admin will be assigning the bus to the employee requesting the bus, and information will be sent to the employee's email.
Actor:	Admin
Pre-Condition:	The user will request the bus and the admin will approve the request
Post-Condition:	Only the bus assigned to the employee will be able to travel on that bus.
Flow Of Events	1. Login to the system. 2. Approve bus request. 3. Input bus name. 4. Input pickup point and time. 5. Submit this information.
Tigger:	Button

Table 3.4: Assign Bus and Time (Employee Transport System)

3.2.5 Case 5: Request Bus

Use Case Name:	Request Bus
Scenario:	Employee will request for bus.
Brief Description:	To request a bus employee have to add their name, email and pick up information in bus request option.
Actor:	Employee

Pre-Condition:	Only registered employee can request for bus.
Post-Condition:	A notification will be sent to admin after a successful bus request.
Flow Of Events	1. Login to the system. 2. Add bus request. 3. Fill up text field. 4. Submit this information.
Tigger:	Button

Table 3.5: Request Bus (Employee Transport System)

3.2.6 Case 6: Send Message

Use Case Name:	Send Message
Scenario:	Admin want to send message to employee.
Brief Description:	Both admin and employee can send message to each other.
Actor:	Admin, Employee
Pre-Condition:	User should be logged in to the system to send message.
Post-Condition:	Recipient can also reply to the message.
Flow Of Events	1. Login to the system. 2. Select recipient from the user list. 3. Fill up text field with valid email address.
Tigger:	Button

Table 3.6: Send Message (Employee Transport System)

3.3 Activity Diagram

3.3.1 Activity diagram for registration

All user should register to the system to use system. To register all user should provide their valid information. Then admin will complete the registration process. [2]

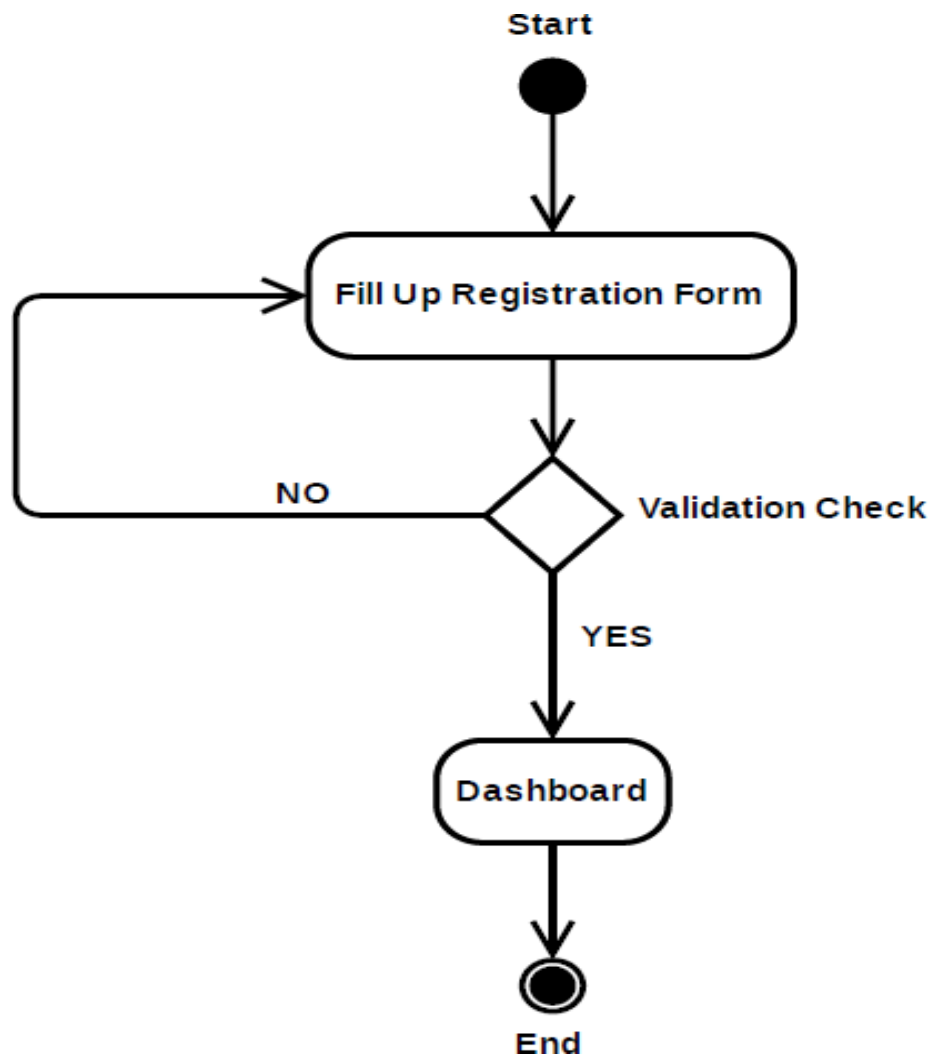


Figure 3.2: Activity diagram for registration (Employee Transport System)

3.3.2 Activity diagram for Pickup Point Management

Only admin can set pick up information. First admin has to login to the system. Then he/she will open the pick-up page and will fill up all information required. [2]

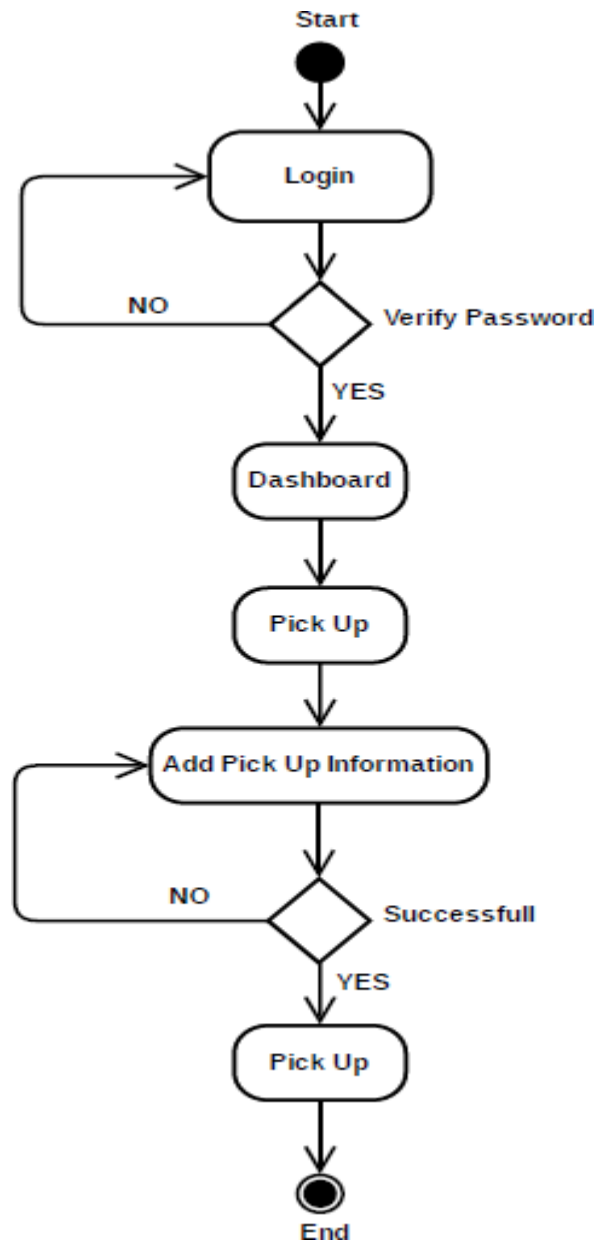


Figure 3.3: Activity diagram for Pick up Point Management (Employee Transport System)

3.3.3 Activity diagram for Bus Route Management

Only admin can set bus route according to bus number. Admin has to login to system to set bus route. Admin will select bus route option and then he will input bus route information. [2]

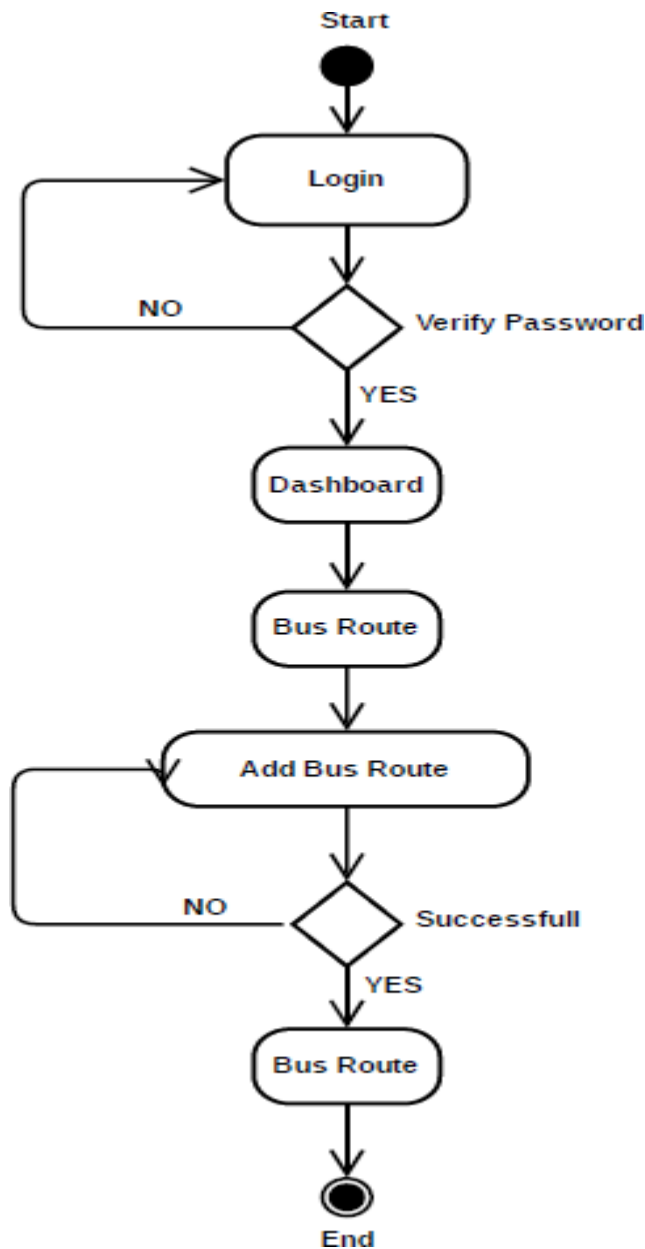


Figure 3.4: Activity diagram for Bus Route Management (Employee Transport System)

3.3.4 Activity diagram for Request Bus

Employee will request for bus. First employee have to login to the system. Employee request bus from bus request option and have to provide valid information to request bus. [2]

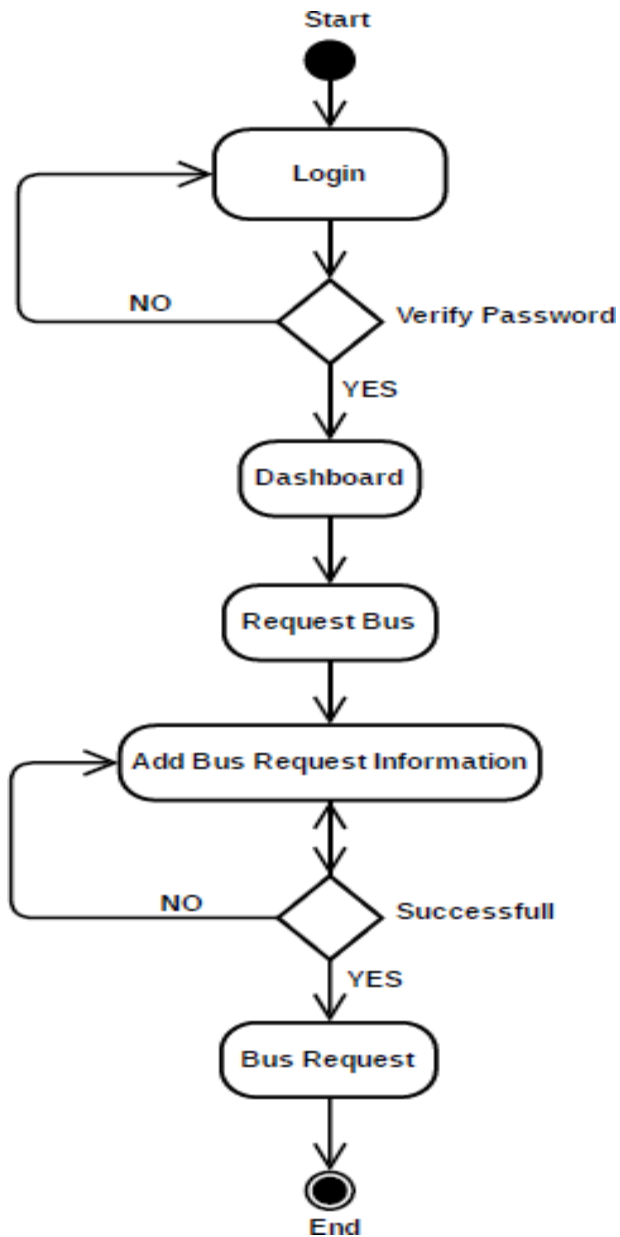


Figure 3.5: Activity diagram for Request Bus (Employee Transport System)

3.3.5 Activity diagram for Send Message

All user can send message to each other. To send message user has to log in to the system. Then they will select user from user list whom they want to send message and will write message to send it. [2]

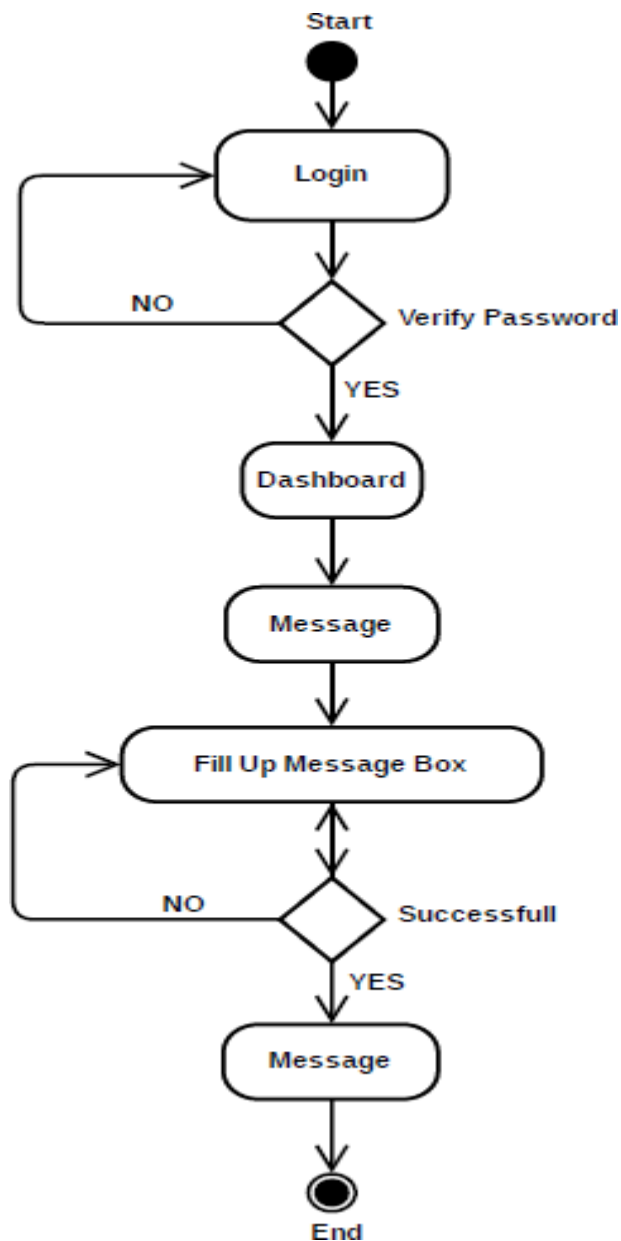


Figure 3.6: Activity diagram for Send Message (Employee Transport System)

3.3.6 Activity diagram for Assign Bus and Time

Only admin can assign bus to employee. Employee will request bus and admin will approve or deny it. Employee will request bus using required information and will send it. Admin will see the request and if approve the request he will assign a bus to the employee. [2]

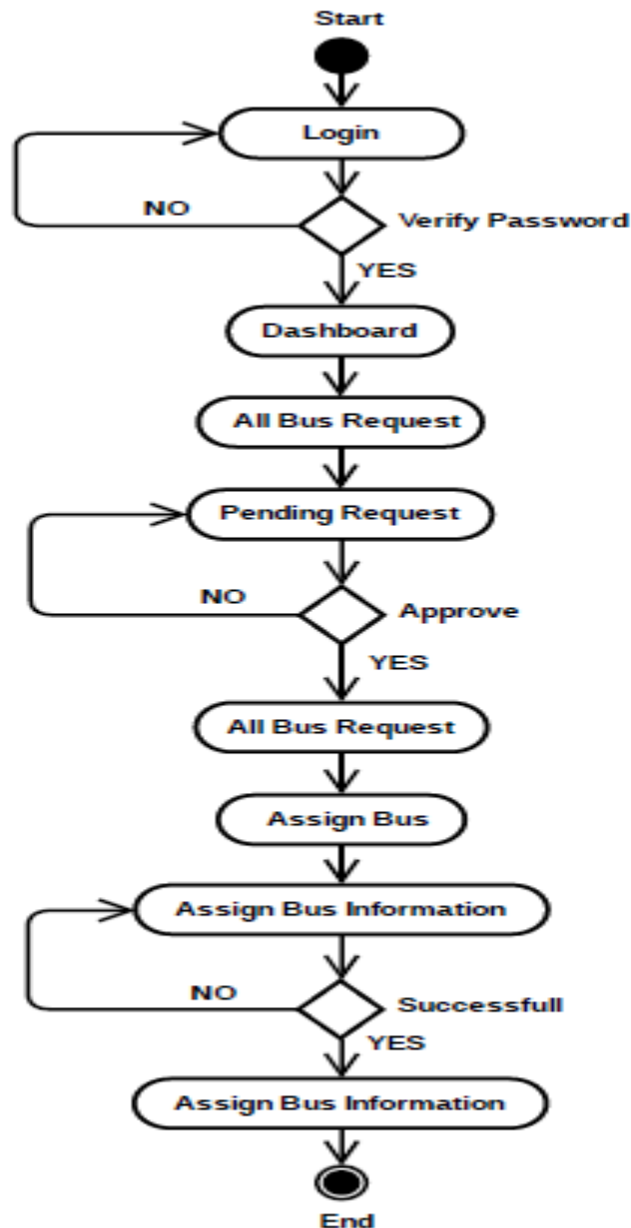


Figure 3.7: Activity diagram for Assign Bus and Time (Employee Transport System)

3.4 Sequence Diagram

3.4.1 Sequence diagram for Registration

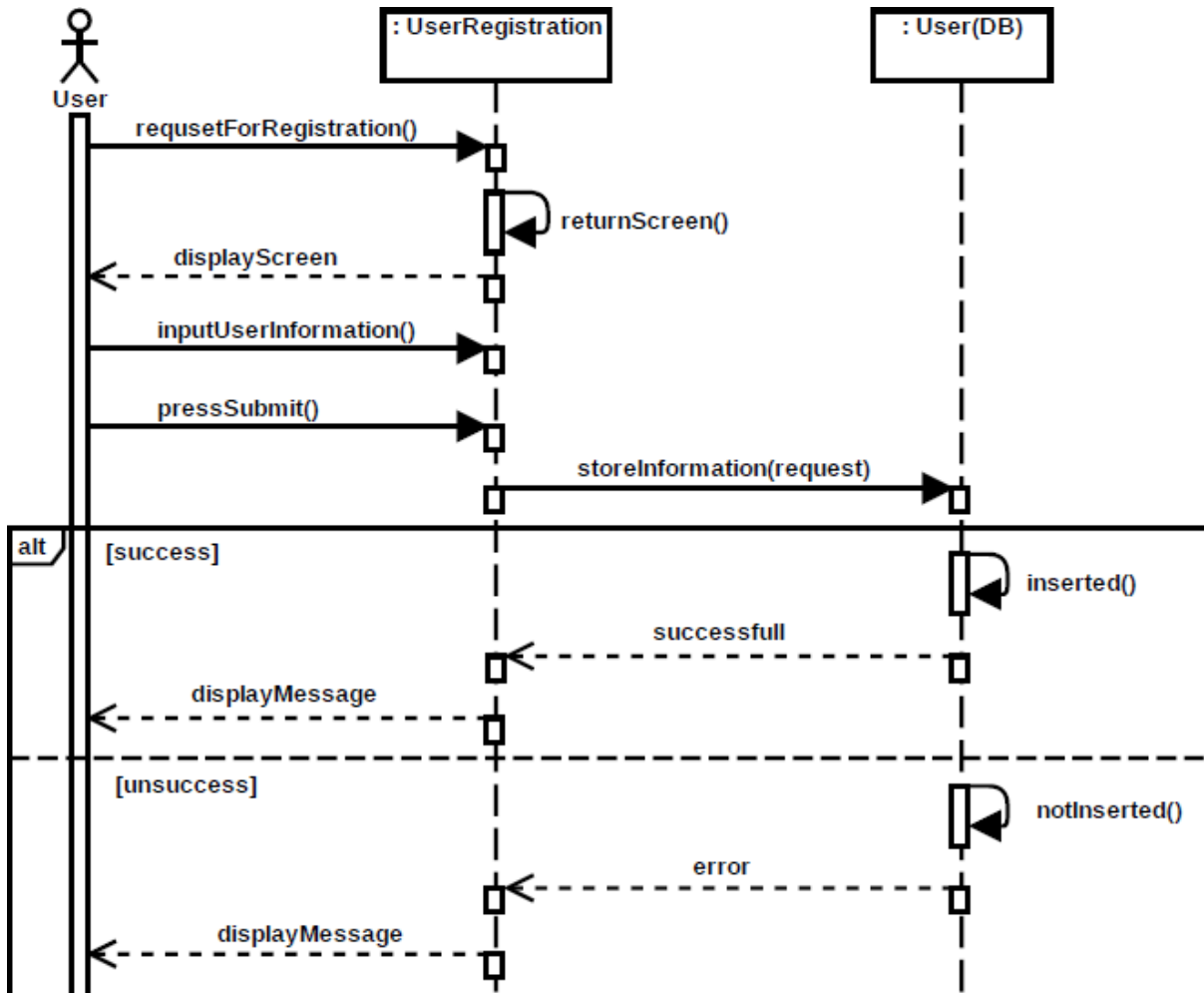


Figure 3.8: Sequence diagram for Registration (Employee Transport System) [2]

3.4.2 Sequence diagram for Pickup Point Management

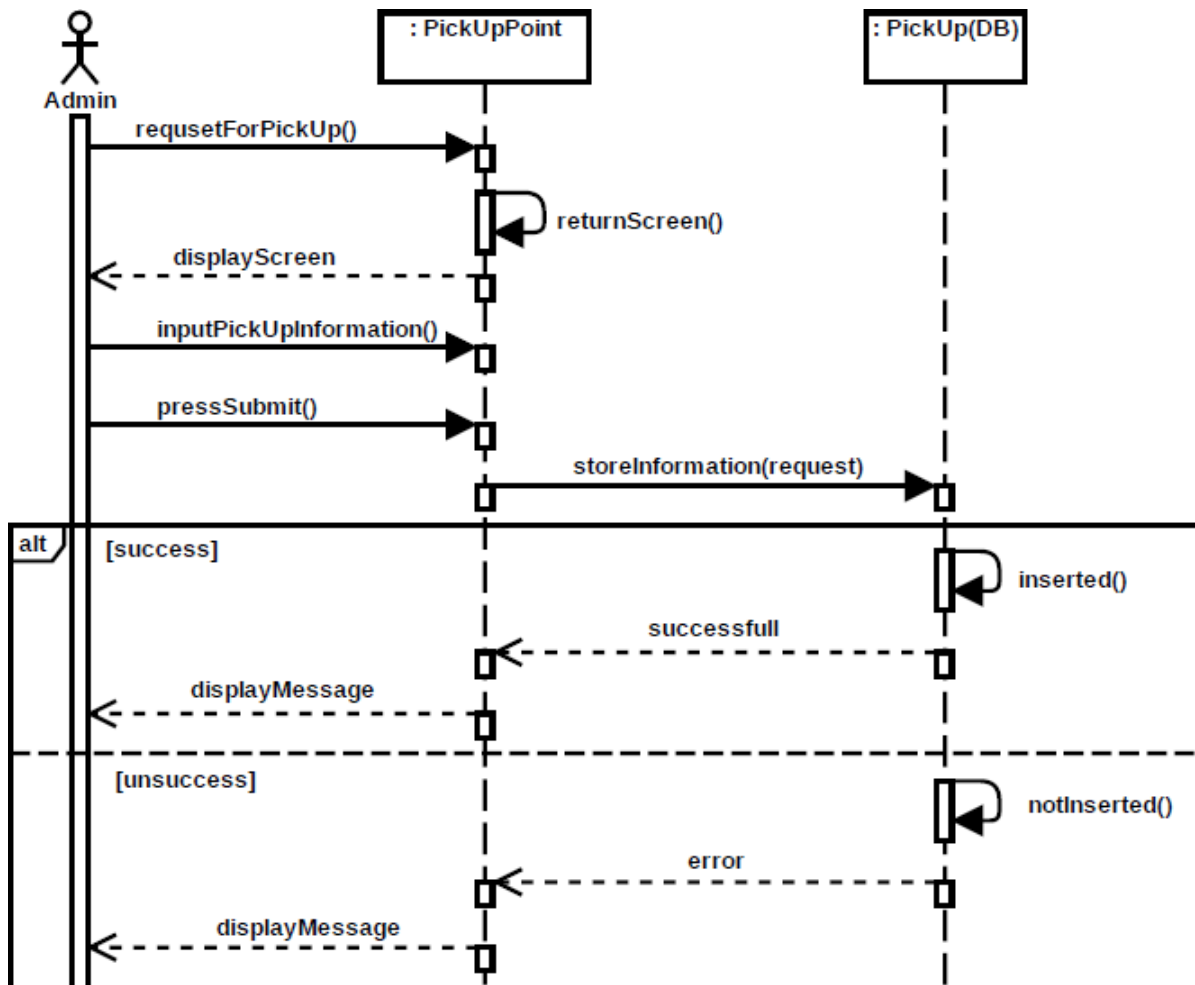


Figure 3.9: Sequence diagram for Pick up Point Management (Employee Transport System) [2]

3.4.3 Sequence diagram for Bus Route Management

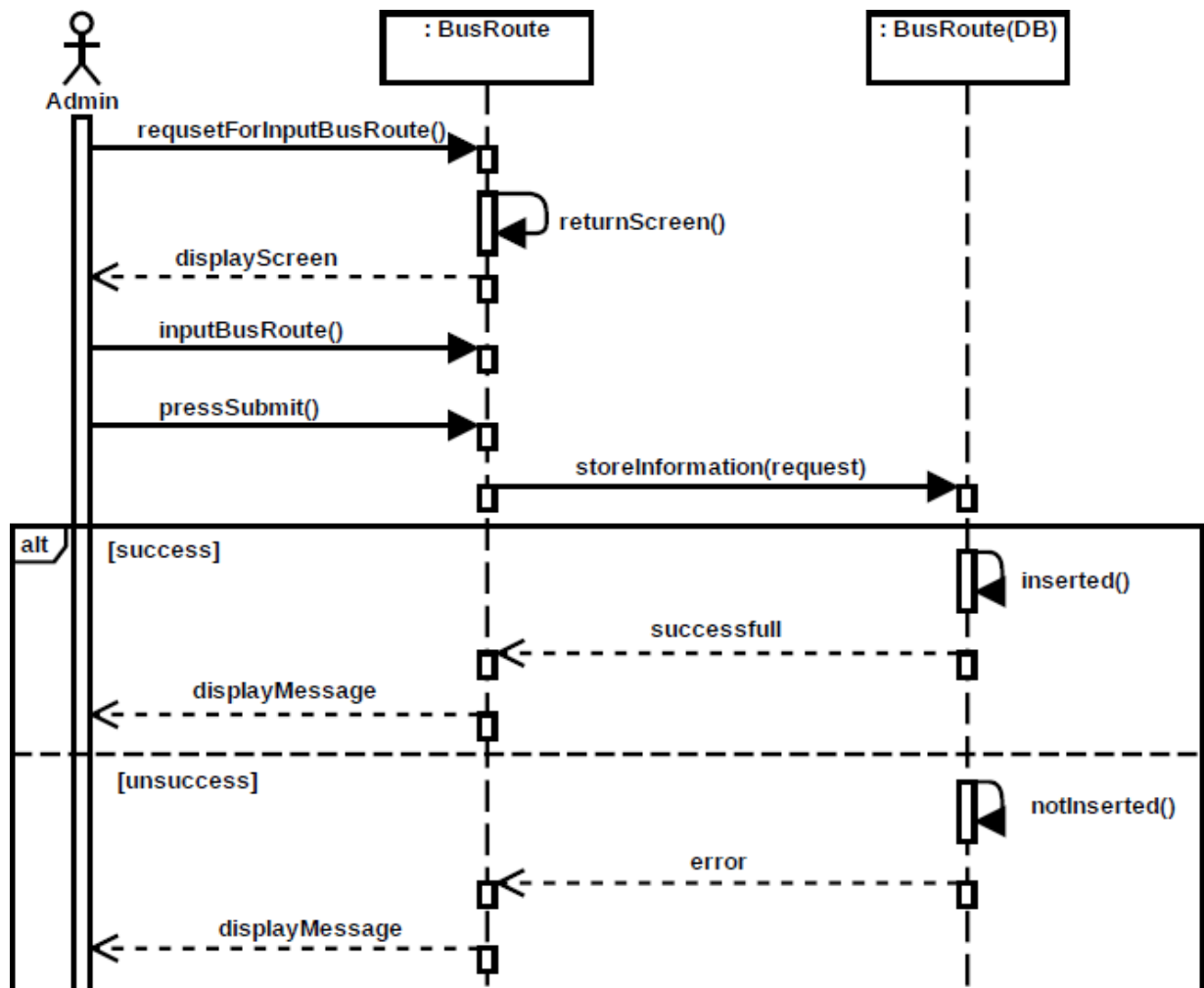


Figure 3.10: Sequence diagram for Bus Route Management (Employee Transport System) [2]

3.4.4 Sequence diagram for Request Bus

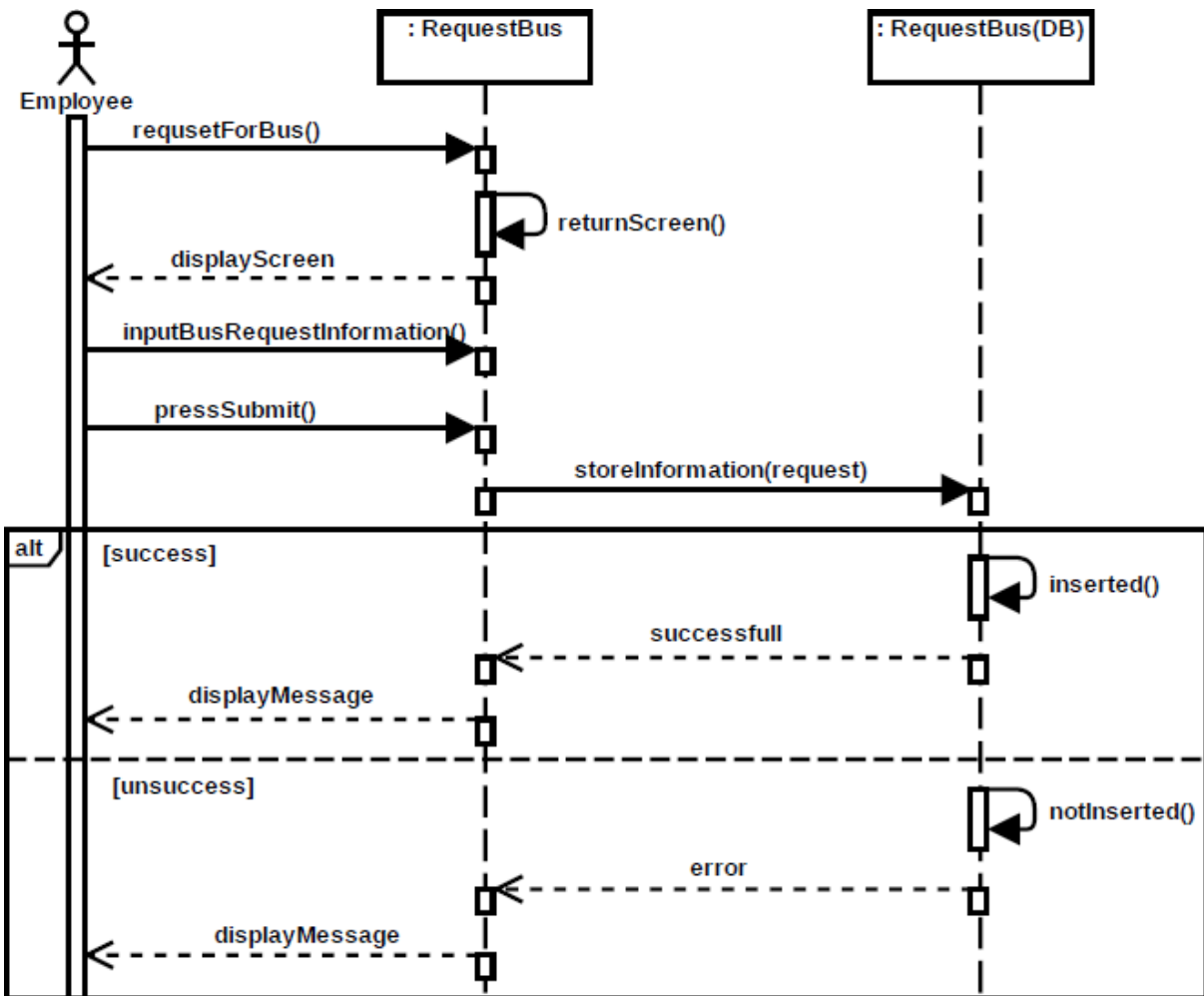


Figure 3.11: Sequence diagram for Request Bus (Employee Transport System) [2]

3.4.5 Sequence diagram for Send Message

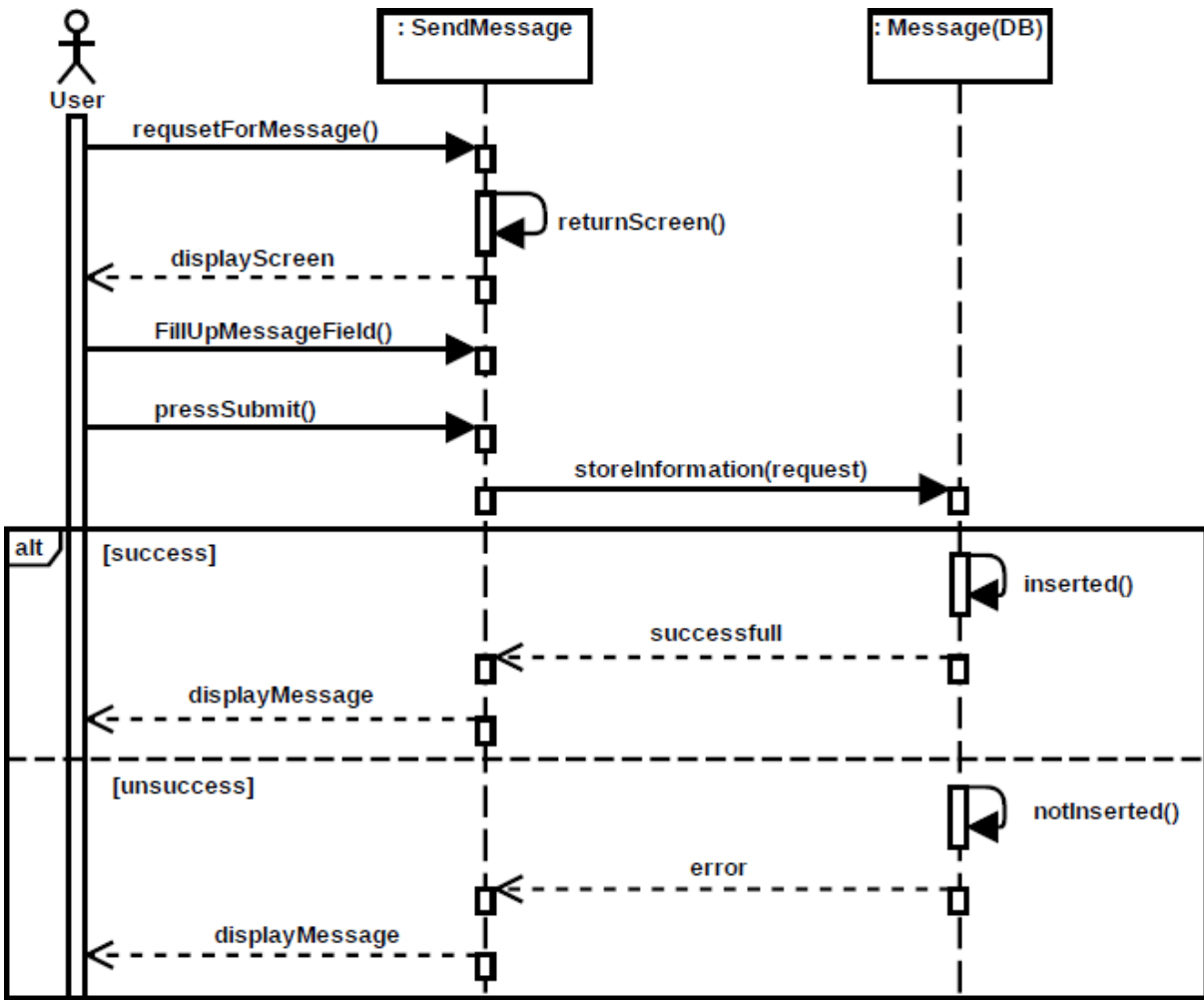


Figure 3.12: Sequence diagram for Send Message (Employee Transport System) [2]

3.4.6 Sequence diagram for Assign Bus and Time

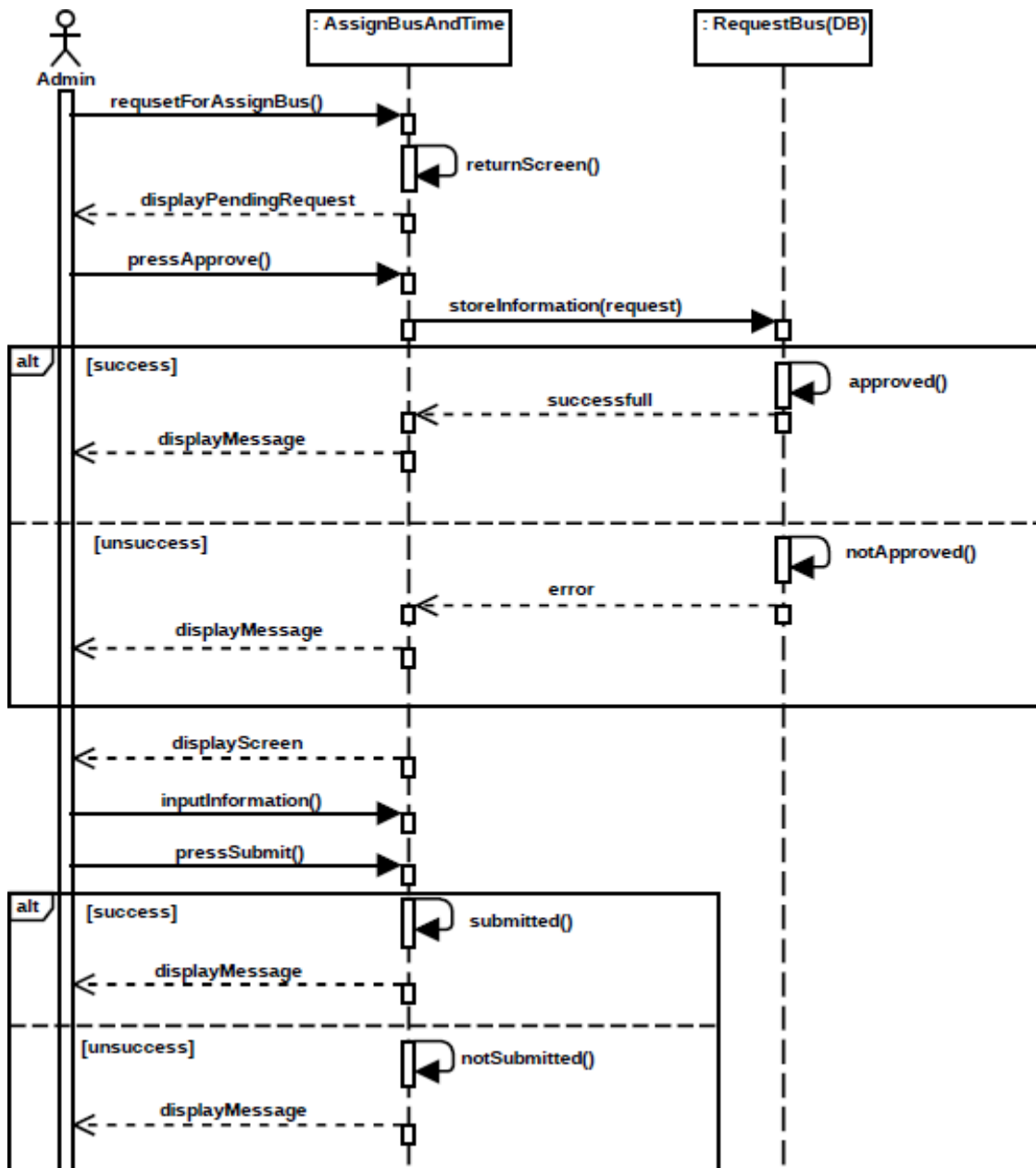


Figure 3.13: Sequence diagram for Assign Bus and Time (Employee Transport System) [2]

CHAPTER-4

SYSTEM DESIGN SPECIFICATION

4.1 Class Diagram

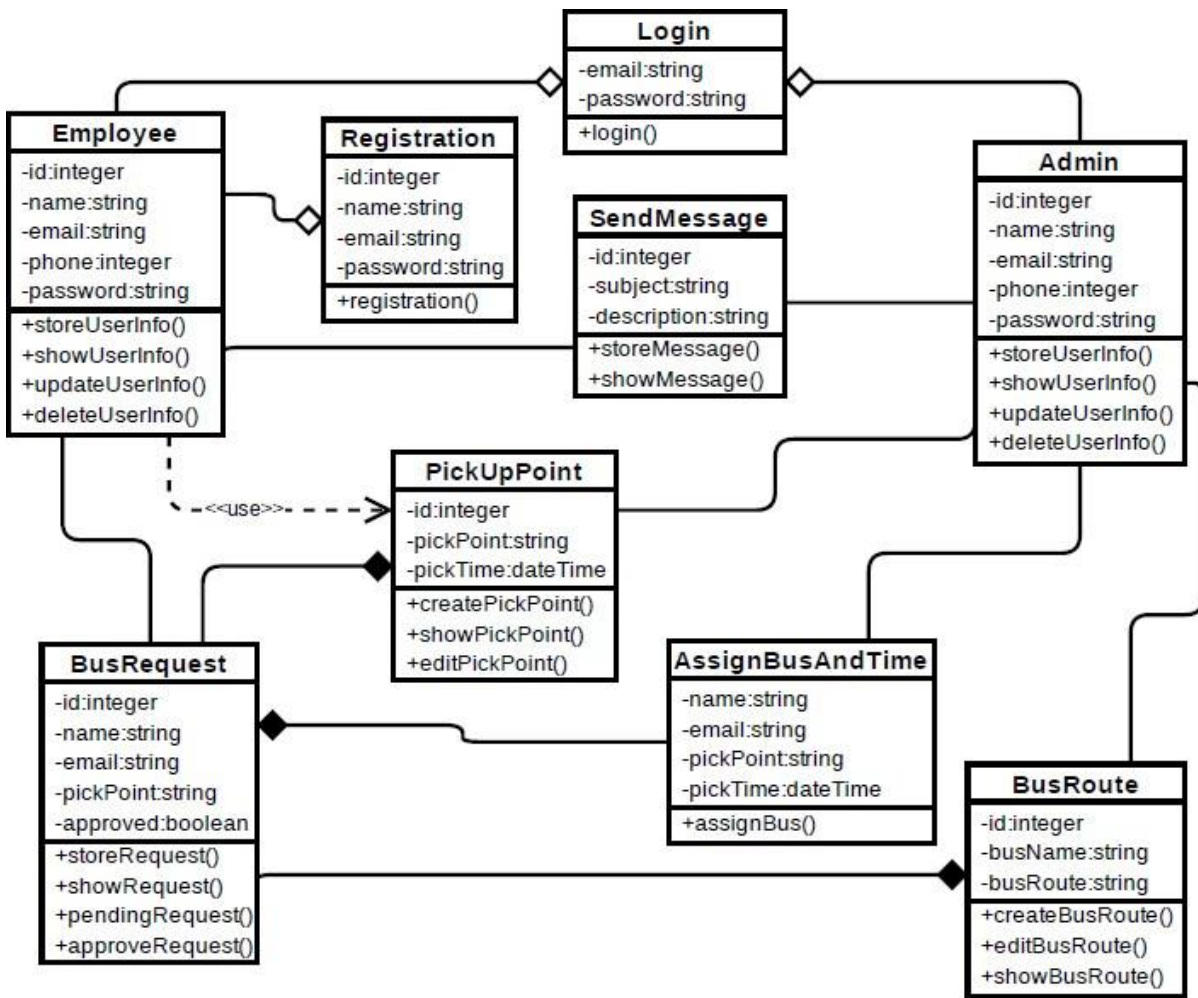


Figure 4.1: Class Diagram (Employee Transport System) [2] [3]

4.2 Entity Relationship Diagram

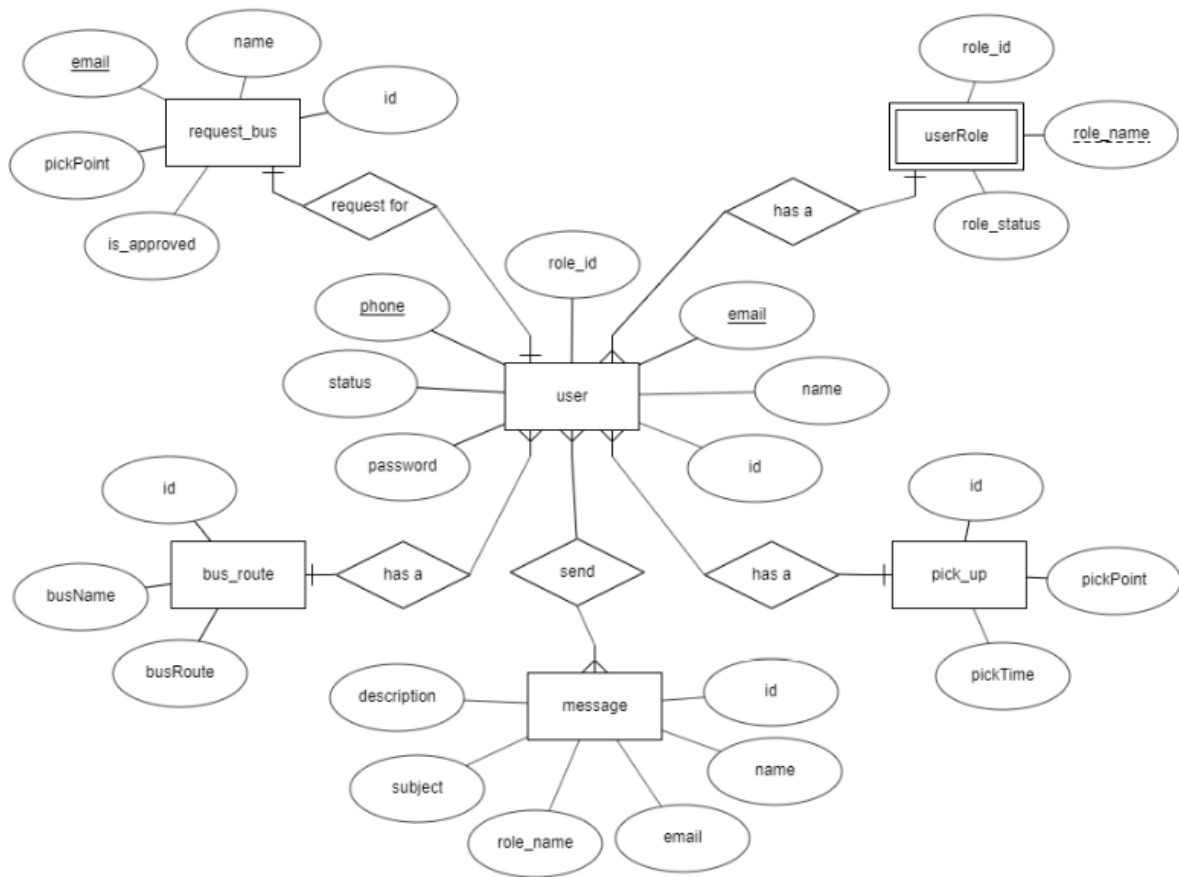


Figure 4.2: Entity Relationship Diagram (Employee Transport System) [1]

4.3 Development Tools and Technology

4.3.1 User Interface Technology

1. HTML5
2. CSS3
3. Bootstrap4
4. jQuery
5. Brackets Editor

4.3.2 Implementation Tools and Platforms

6. PHP7
7. LARAVEL Framework5.6
8. MySQL Database
9. Atom
10. XAMPP

CHAPTER-5

SYSTEMTESTING

5.1 Testing Feature

5.1.1 Features to be tested

1. User Registration
2. Login
3. Request Bus
4. Send message

5.1.2 Features not to be tested

1. Bus route
2. Approve Request
3. Pick up information

5.2 Testing Strategies

5.2.1 Test Approach

1. The entire framework will be tried manually.
2. The framework testing dependent on client acceptancy.

5.2.2 Test Criteria

1. Integration –The test will pass if the case fulfill the requirements of the case design architecture, if not then it will fail.
2. Component - The test will pass if the case satisfy the necessities of the case structure requirement, if not then it will fall through.
3. System-The test will pass if the case satisfy the functional and non-functional requirement, if not then it will fall through.

5.2.3 Suspension and Resumption

1. Acceptance Testing - This test will viewed as passed if each build is fruitful this test will viewed as passed if each build is successful.
2. Regression testing - if any change occurs in the system the system will work properly.
3. System Design Testing – if any change happens in the system user interface the system will work properly.

5.2.4 Testing Schedule

Test Phase	Time	Tested By
Test Plan Creation	7 days	Md. Shohel Rana
Test Specification Creation	7 days	Md. Shohel Rana
Test Specification Team Review	10 days	Md. Shohel Rana
Component Testing	10 days	Md. Shohel Rana
Integration Testing	10 days	Md. Shohel Rana
System Testing	15 days	Md. Shohel Rana

Table 5.1: Testing Schedule (Employee Transport System)

5.3 Test Cases

5.3.1 Test Case1: Registration

Test Case:1			Test Case Name: Registration	
System: Employee Transport System			Subsystem: N/A	
Designed By: Shohel			Executed By: Shohel	
Pre-Condition: Must be needed valid email address.				
Step	Action	Expected Result	Pass/Fail	Comment

1.	When a user does not fill-up any field.	All fields are required.	Pass	All fields are required.
2.	When a user fill up only one field and check register.	Others fields are required.	Pass	Others fields are required.
3.	When a user give an email without domain name.	The email must be a valid email address.	Pass	Required valid email address.
4.	When a user fill-up email field as like:example@gmail.com	The system should accept this email as valid email address.	Pass	This is valid email address.
5.	When a user try to register by previously used email.	This email is already used.	Pass	Email must be unique.
6.	When a user input phone number as character.	This system should display phone number must be a number.	Pass	Phone number must be a number.
7.	When a user fill-up password field less than 6 character.	This system should display password must be 6 character.	Pass	Password must be 6 character.
8.	If password and confirm password is not same.	The password confirmation dose not match.	Pass	Password confirmation dose not match.
9.	When a user submit registration form without user role.	This system should display please select user role.	Pass	Select user role.
10.	When a user try to register by previously used phone number.	This phone number is already used.	Pass	Phone number must be unique.

Table 5.2: Test Case Name: Registration (Employee Transport System)

5.3.2 Test Case2: Log in

Test Case:2			Test Case Name: Log in	
System: Employee Transport System			Subsystem: N/A	
Designed By: Shohel			Executed By: Shohel	
Pre-Condition: User should be log in with valid email address and password.				
Step	Action	Expected Result	Pass/Fail	Comment
1.	When a user does not fill-up any field.	All fields are required.	Pass	All fields are required.
2.	When a user fill up only one field and press submit.	Others fields are required.	Pass	Others fields are required.
3.	When a user give an email without domain name.	The email must be a valid email address.	Pass	Required valid email address.
4.	When a user input valid email but wrong password.	The system should display password is incorrect.	Pass	Password is incorrect.
5.	When a user input invalid email but correct password.	The system should display this email is invalid.	Pass	Required valid email address.
6.	When a user input valid email and correct password.	The user successfully access their own dashboard.	Pass	Login success.

Table 5.3: Test Case Name: Log in (Employee Transport System)

5.3.3 Test Case 3: Request Bus

Test Case:3		Test Case Name: Request Bus		
System: Employee Transport System		Subsystem: N/A		
Designed By: Shohel		Executed By: Shohel		
Pre-Condition: Only registered employee can request for bus.				
Step	Action	Expected Result	Pass/Fail	Comment
1.	When a user does not fill-up any field.	All fields are required.	Pass	All fields are required.
2.	When a user fill up only one field and check register.	Others fields are required.	Pass	Others fields are required.
3.	When a user give an email without domain name.	The email must be a valid email address.	Pass	Required valid email address.
4.	When a user fill up all field with email of the logged in employee.	Bus request information successfully inserted.	Pass	Request successful.

Table 5.4: Test Case Name: Request Bus (Employee Transport System)

5.3.4 Test Case 4: Send Message

Test Case:4			Test Case Name: Send message	
System: Employee Transport System			Subsystem: N/A	
Designed By: Shohel			Executed By: Shohel	
Pre-Condition: User should be logged in to the system to send message.				
Step	Action	Expected Result	Pass/Fail	Comment
1.	Admin select employee to send message.	The system should display a message form to send message.	Pass	One message can send at a time.

2.	User send message without fill up any field	A message will be shown must be fill up all field.	Pass	Message field can't empty.
3.	When a user fill up only one field and press submit.	Others fields are required.	Pass	Others fields are required.
4.	When a user submit message form without user role.	This system should display please select user role.	Pass	Select user role.

Table 5.5: Test Case Name: Send Message (Employee Transport System)

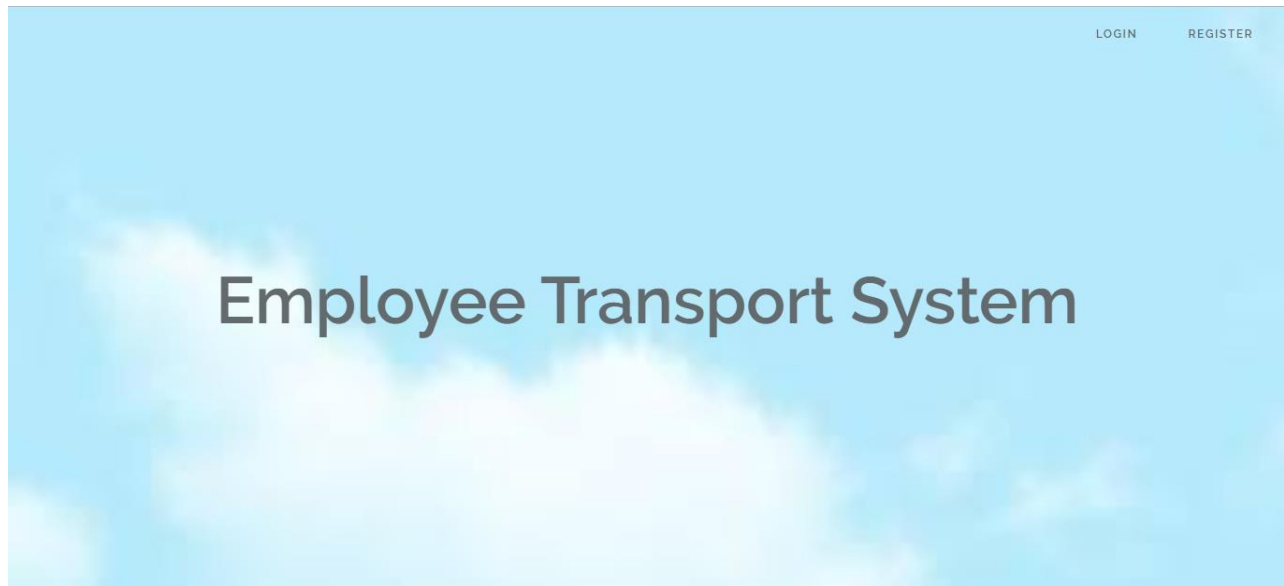
CHAPTER-6

USER MANUAL

6.1 User Manual

6.1.1 Homepage

This is the home page of Employee Transport System.



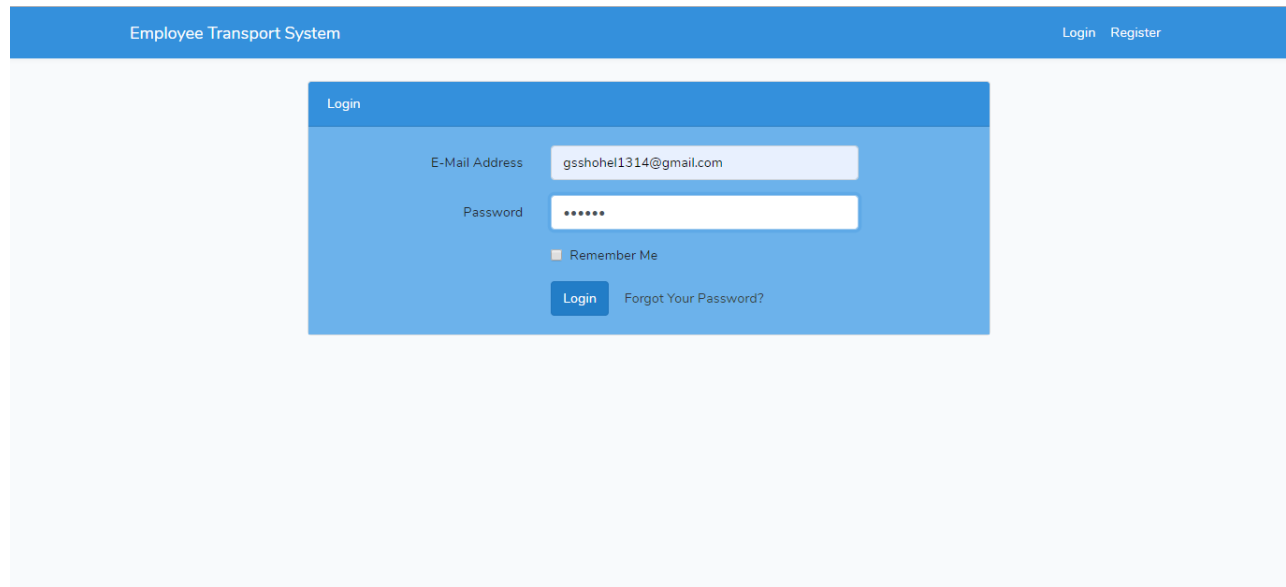
6.1.2 User registration

In this page user will fill up registration form. All new user have to register to the system for the first time.

The screenshot displays the registration form within the Employee Transport System. The form is titled 'Register' and is set against a blue background. It includes the following fields: 'Name' (filled with 'Shohel Rana'), 'E-Mail Address' (filled with 'gsshohel1314@gmail.com'), 'User Role' (a dropdown menu currently showing 'Admin'), 'Phone' (filled with '01723559950'), 'Password' (masked with six dots), and 'Confirm Password' (also masked with six dots). A blue 'Register' button is positioned at the bottom of the form. The top of the page has a blue header with the text 'Employee Transport System' on the left and 'Login Register' on the right.

6.1.3 Log in

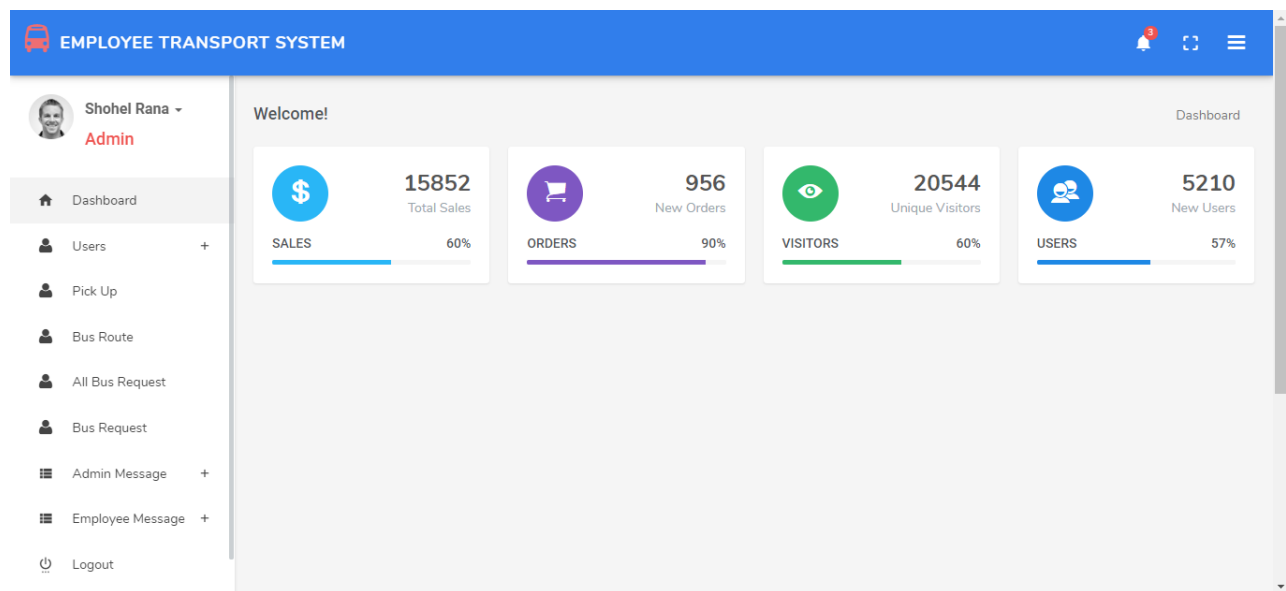
This is the log in page of the system. User have to provide email address and password to log in.



The screenshot shows the login interface of the Employee Transport System. At the top, a blue header bar contains the text "Employee Transport System" on the left and "Login Register" on the right. Below the header, a light blue box titled "Login" contains the following elements: an "E-Mail Address" input field with the value "gsshohel1314@gmail.com", a "Password" input field with masked characters "*****", a "Remember Me" checkbox, a blue "Login" button, and a "Forgot Your Password?" link.

6.1.4 Dashboard

In this page user can monitor his/her all the activities in the system.



6.1.5 All user

In this page admin can view all user information. Admin can also approve or reject user. User can be deleted from the system by the admin.

EMPLOYEE TRANSPORT SYSTEM

Shohel Rana - Admin

All User

ALL USER INFORMATION

USER REGISTRATION

Show 10 entries

Search:

Name	Email	Phone	User Role	Status	Time	Manage
rokon	rokon@gmail.com	1723559961	Employee	PENDING	2019-12-11 12:01:28	<input checked="" type="checkbox"/> + -
Saddam	saddam@gmail.com	1725668821	Employee	APPROVED	2019-12-11 11:58:37	<input checked="" type="checkbox"/> + -
Shohel Rana	gsshohel1314@gmail.com	1723559950	Admin	APPROVED	2019-12-09 21:16:53	<input checked="" type="checkbox"/> + -

Showing 1 to 3 of 3 entries

Previous 1 Next

6.1.6 Pick Up point

Here user can view all pick information.

EMPLOYEE TRANSPORT SYSTEM

Shohel Rana - Admin

All Pick Up Information

ALL PICK UP INFORMATION

ADD PICK UP INFORMATION

Show 10 entries

Search:

Pick Up Point	Time	Manage
kolabagan (12:30 AM)	2019-12-11 12:23:54	<input checked="" type="checkbox"/> -
nilkhet (09:30 AM)	2019-12-06 21:10:13	<input checked="" type="checkbox"/> -
Sukrabad (08:00 AM)	2019-12-06 21:08:47	<input checked="" type="checkbox"/> -
kolabagan (08:30 AM)	2019-12-06 21:08:16	<input checked="" type="checkbox"/> -

Showing 1 to 4 of 4 entries

Previous 1 Next

6.1.6 Add Pick Up information

In this page user can add his/her pick up information so that employee can be picked up by the transport from the spot everyday.

EMPLOYEE TRANSPORT SYSTEM

Shohel Rana Admin

Dashboard Users Pick Up Bus Route All Bus Request Bus Request Admin Message Employee Message Logout

Add Pick Up Information

ADD PICK UP INFORMATION

Pick Up Point and Time kolabagan (08:30 AM)

SUBMIT

ALL PICK UP INFORMATION

6.1.7 Bus route information

In this page admin can view all bus route according to bus number.

EMPLOYEE TRANSPORT SYSTEM

Shohel Rana Admin

Dashboard Users Pick Up Bus Route All Bus Request Bus Request Admin Message Employee Message Logout

All Bus Route

ALL BUS ROUTE INFORMATION

ADD BUS ROUTE

Show 10 entries Search:

Bus Name	Bus Route	Time	Manage
Bus_5	Sukrabad-Kolabagan-Panthopoth-Framget-Asadget-Dhanmondi_27-motijil-Sukrabad	2019-12-11 14:00:24	+ - x
Bus_3	Sukrabad-Kolabagan-Panthopoth-Framget-Asadget-Dhanmondi_27-motijil-Sukrabad	2019-11-27 13:26:28	+ - x
Bus_2	Sukrabad-Kolabagan-Citycollege-Mohammadpur-Asadget-Dhanmondi_27-Sukrabad	2019-11-14 13:40:03	+ - x
Bus_1	Sukrabad-Kolabagan-Panthopoth-Framget-Asadget-Dhanmondi_27-Sukrabad	2019-11-14 13:39:29	+ - x

Showing 1 to 4 of 4 entries

Previous 1 Next

6.1.8 Input bus route

Here admin can add bus name and bus route.

EMPLOYEE TRANSPORT SYSTEM

Shohel Rana Admin

Dashboard Users Pick Up Bus Route All Bus Request Bus Request Admin Message Employee Message Logout

Add Route Add / Dashboard

ADD BUS ROUTE INFORMATION [ALL BUS ROUTE](#)

Bus Name: Bus_1

Bus Route: Sukrabad-Kolabagan-Panthopoth-Framget-Asadget-Dhanmondi_27-Sukrabad

[SUBMIT](#)

6.1.9 All bus request

In this page admin can see all the pending request. Admin can also approve or deny bus request from this page.

EMPLOYEE TRANSPORT SYSTEM

Shohel Rana Admin

Dashboard Users Pick Up Bus Route All Bus Request Bus Request Admin Message Employee Message Logout

All Bus Request All / Dashboard

ALL BUS REQUEST INFOFORMATION

Show 10 entries Search:

Name	Email	Pick Up Point	Is Approve	Time	Manage
Shohel Rana	gsshohel1314@gmail.com	nilkhet (09:30 AM)	APPROVED	2019-12-11 16:16:14	Approve Deny Delete
Shohel Rana	gsshohel1314@gmail.com	kolabagan (12:30 AM)	PENDING	2019-12-11 16:15:22	Approve Deny Delete
Shohel Rana	gsshohel1314@gmail.com	nilkhet (09:30 AM)	PENDING	2019-12-06 21:11:14	Approve Deny Delete
Shohel	gsshohel1314@gmail.com	nilkhet	PENDING	2019-11-27 13:42:52	Approve

6.1.10 Assign bus

From this page admin will assign bus to the employee who requested for bus. Admin will assign bus with bus name and pick up point specifically.

EMPLOYEE TRANSPORT SYSTEM

Shohel Rana / Dashboard

Add Request

ADD BUS REQUEST INFORMATION

Employee Name Shohel Rana

Employee Email gsshohel1314@gmail.com

Bus Name Bus_1

Pick Up Point kolabagan (08:30 AM)

SUBMIT

6.1.11 Bus request

In this page employee can request for bus to the admin. Employee will select his/ her preferable pick up point while requesting for bus.

EMPLOYEE TRANSPORT SYSTEM

Add / Dashboard

Add Request

ADD BUS REQUEST INFORMATION

Name Shohel Rana

Email gsshohel1314@gmail.com

Pick Up Point kolabagan (08:30 AM)

SUBMIT

CHAPTER-7

PROJECTSUMMERY

7.1 GitHub Link

Http:

7.2 Critical Evaluation

The present era is the age of technology. In this age, technology is progressing very fast and with this fast some limitations are added to my system. New technologies of the present era can be used to make this system more efficient and user friendly as per the demands of the user.

7.3 Obstacles and Achievements

Technology is evolving day by day with the passage of time. Therefore, LARAVEL Framework is improving day by day. New features are being added on a regular basis like various package, library function etc. So working with this new feature is a bit difficult but not impossible. In the meantime, it is hoped that this system will meet the important needs of a company and its employees. This will eliminate the pain of the employees not being able to come to the office in time.

7.4 Future Scope

There is an option to add some new features to each system to meet future user needs. So this system also has a few features to add in the future. For example:

1. The system will have the option of arrange the vehicles and employee who are managing those vehicles.
2. Employees will see the current location of the vehicle on Google Maps.

There are many features that can be added to this project that cannot be developed by an individual.

CONCLUSIONS

Although I built this system (Employee Bus Transport System), there are many limitations. I have attempted my best to overcome my limitations. This system will provide better service to the employees of a company so that employees can get to the office at the right time. Basically, the system will provide transport services to such employees on the one hand, and increase the value of the company on the other.

APPENDIX

May include any supporting material which isn't basic for the principle body of the report. These could be-

1. User manual or guide
2. Tables
3. Details requirements
4. Project literature review
5. Diagrams
6. Test plan and results

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