



Daffodil
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Suppliers & Sells Execution

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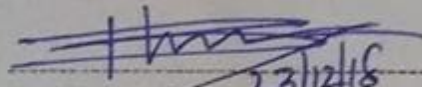
Daffodil International University

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

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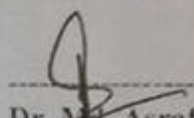
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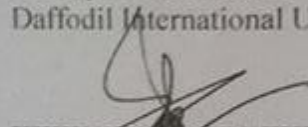
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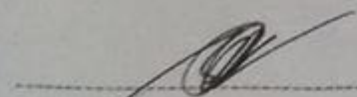
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We hereby declare that we have taken this thesis under the supervision of **Dr. Md Asraf Ali**, Associate Professor, Department of Software Engineering, Daffodil International University. We also declare that neither this thesis/project nor any part of this has been submitted elsewhere for award of any degree.

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TABLE OF CONTENT

APPROVAL	i
DECLARATION	ii
ACKNOWLEDGEMNT	iii
TABLE OF CONTENT	iv
LIST OF FIGURES	vii
LIST OF TABLES	viii
Chapter 1: Introduction	1
1.1 Project Overview	1
1.2 Project Porous	1
1.2.1 Background	1
1.2.2 Benefits and Beneficiaries.....	1
1.2.3 Goal	2
1.3 Stakeholders	2
1.4 Propose System Model (Block Diagram)	3
1.5 Project Schedule.....	3
1.5.1 Gantt Chart	4
1.5.2 Release Plan/Milestone	4
Chapter 2: Software Requirement Specification	5
2.1 Functional Requirements	5
2.2 Data Requirements.....	7
2.3 Performance Requirements.....	7
2.3.1 Speed and Latency Requirements.....	7
2.3.2 Precision or Accuracy Requirements	7
2.3.3 Capacity Requirements	8
2.4 Dependability Requirements.....	8
2.4.1 Reliability Requirements	8
2.4.2 Reliability Requirements	8
2.4.3 Robustness or Fault-Tolerance Requirements	9
2.4.4 Safety-Critical Requirements.....	9
2.5 Maintainability Support Requirements	9
2.5.1 Maintenance Requirements	9
2.5.2 Supportability Requirements.....	9
2.5.3 Adaptability Requirements.....	10
2.5.4 Scalability or Extensibility Requirements	10
2.6 Security Requirements.....	10

2.6.1	Access Requirements	10
2.6.2	Integrity Requirements.....	10
2.6.3	Privacy Requirements	10
2.7	Usability and Human-Interaction Requirements	10
2.7.1	Ease of Use Requirements	10
2.7.2	Personalization and Internationalization Requirements.....	11
2.7.3	Understandability and Politeness Requirements.....	11
2.7.4	Accessibility Requirements	11
2.7.5	User Documentation Requirements	11
2.7.6	Training Requirements.....	11
2.8	Look and Feel Requirements	11
2.8.1	Appearance Requirements	11
2.8.2	Style Requirements	11
2.9	Operational and Environmental Requirements	12
2.9.1	Expected Physical Environment	12
2.9.2	Requirements for Interfacing with Adjacent Systems	12
2.9.3	Projectization Requirements	12
2.9.4	Release Requirements.....	12
2.10	Legal Requirements	12
2.10.1	Compliance Requirements	12
2.10.2	Standards Requirements	12
Chapter 3: System Analysis		13
3.1	Use Case Diagram.....	13
3.2	Use Case Description (for each use case).....	14
3.3	Activity Diagram (for each use case).....	17
3.4	System Sequence Diagram (for each use case).....	20
Chapter 4: System Sequence Diagram (for each use case)		22
4.1	Class Responsibilities Collaboration (CRC) Cards	22
4.2	Sequence Diagram (for each use case)	23
4.3	Class Diagram.....	25
4.4	Database Design Diagram.....	26
4.5	Development Tools & Technology.....	27
4.5.1	User Interface Technology.....	27
4.5.2	Implementation Tools & Platforms	27
Chapter 5: System Testing		28
5.1	Testing Features	28
5.1.1	Features to be tested	28
5.1.2	Features not to be tested	28
5.2	Testing Strategies	28
5.2.1	Test Approach.....	28

5.2.2	Pass/Fail Criteria.....	29
5.2.3	Suspension and Resumption	29
5.2.4	Testing Schedule.....	29
5.2.5	Traceability Matrix	29
5.3	Testing Environment (hardware/software requirements)	29
5.4	Test Cases	30
Chapter 6:	User Manual.....	34
6.1	User Manual (registered customer).....	35
6.2	User Manual (unregistered customer).....	36
6.3	User Manual (supplier)	38
Chapter 7:	Project Summary.....	40
7.1	GitHub Link	40
7.2	Critical Evolution.....	40
7.3	Limitations	40
7.4	Obstacles & Achievements	40
7.5	Future Scope	40
7.6	Reference	40

LIST OF FIGURES

Figure 1.1: Block Diagram for System Model.....	2
Figure 1.2: Gantt chart	4
Figure 3.1: Use Case Diagram	13
Figure 3.2: Use Case for Customer.....	14
Figure 3.3: Use Case for Register Customer	15
Figure 3.4: Use Case for Supplier.....	16
Figure 3.5: System Activity Diagram	17
Figure 3.6: Login & Registration Activity.....	18
Figure 3.7: Buy Product & Payment.....	19
Figure 3.8: Customer Sequence Diagram	20
Figure 3.9: Supplier Sequence Diagram	21
Figure 4.1: Customer Sequence Diagram	24
Figure 4.2: Supplier Sequence Diagram	24
Figure 4.3: Class Diagram	25
Figure 4.4: Database Design.....	26

LIST OF TABLES

Table 1.1: Milestone	4
Table 2.1: Customer Registration	5
Table 2.2: Customer Login	5
Table 2.3: View Supplier List	6
Table 2.4: View Product	6
Table 2.5: Buy Product	6
Table 2.6: Supplier Login	6
Table 2.7: Speed and Latency Requirements.....	7
Table 2.8: Precious or Accuracy Requirements.....	7
Table 2.9: Capacity Requirements	8
Table 2.10: Reliability Requirements	8
Table 2.11: Availability Requirements	8
Table 2.12: Robustness or Fault Tolerance requirements.....	9
Table 2.13: Safety-Critical Requirements.....	9
Table 4.1: Buy Product CRC	22
Table 4.2: Customer CRC.....	22
Table 4.3: Supplier CRC.....	22

Chapter-1

Introduction

1.1 Project Overview

It is a web application system that works online base. In our system we record customer and supplier's information and their transaction history.

Before we build our system, shopkeeper's buy their product with an unfamiliar supplier. They don't get product in time and they are wait a long priod of time to receive product. And they have a risk for advance payment.

But when we build our system they are not thinking about suppliers or waiting for them. They just click and buy their needed products.

So that's why we trying to build this system. It makes their buying products easier and they don't need to be worried about product quality and their money

1.2 Project Purpose

We keep the supplier's information and product as well. Any customer can easily find their product form reliable suppliers and get their product in time. So, we can define purpose for always thinking about shopkeeper.

1.2.1 Background

In our society shopkeeper usually order products through to salesman or a third-party person. it is takes a long priod of time to receive their product and also has a risk about advance payment. They always don't get proper quality of products. They also can be frauded by product's actual price.

So, we try to find an easier way to prevent those problem. We build a system for shopkeeper. In our system the shopkeeper finds out the product and get the product in time with a relabel supplier.

1.2.2 Benefits & Beneficiaries

- To buy products from relabel suppliers
- To buy product even not paying money
- Product getting in time
- Secure shopping
- To easily access order history

- To ensure product quality and quantity
- Make own choose to buy product
- To buy product and get reward

1.2.3 Goal

The main objective our system is given blew:

- To buying product from reliable supplier
- Product getting in time
- Secure shopping
- To easily access order history
- To ensure product quality & quantity
- Make own choice to buy product
- To buy product and get reward

1.3 Stakeholders

In our system there are two types of stakeholders who directly or indirectly involve our system

Internal stakeholders:

- Admin
- Supplier
- Shopkeeper

External stakeholders:

- Visited customer
- Delivery person
- Shopkeeper's assistant

1.4 Proposed System Model (block diagram)

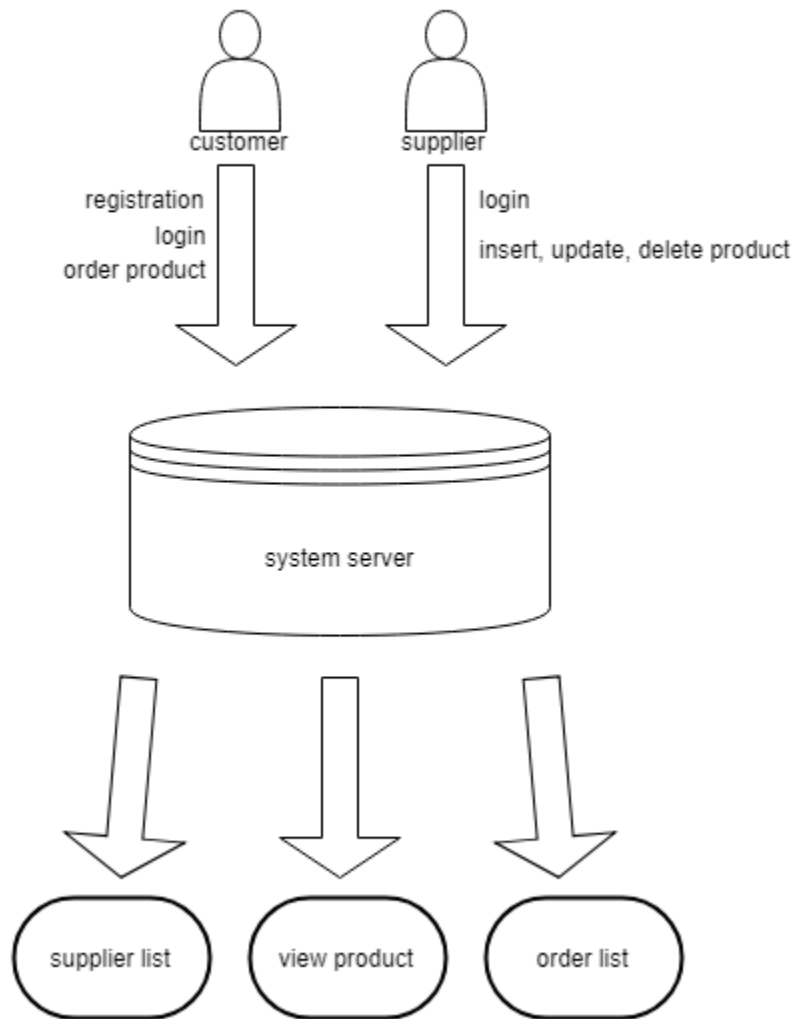


Figure 1.1: Block Diagram for System Model

In our system suppliers can add, delete and edit product's name, price and quantity. The shopkeeper can view individual supplier's product and easily buy. They can create order and paying payment with payment method.

1.5 Project Schedule

Full fill the required requirements and complete the project in time we maintain project schedule. We make a project schedule to complete the project properly in time.

1.5.1 Gantt Chart

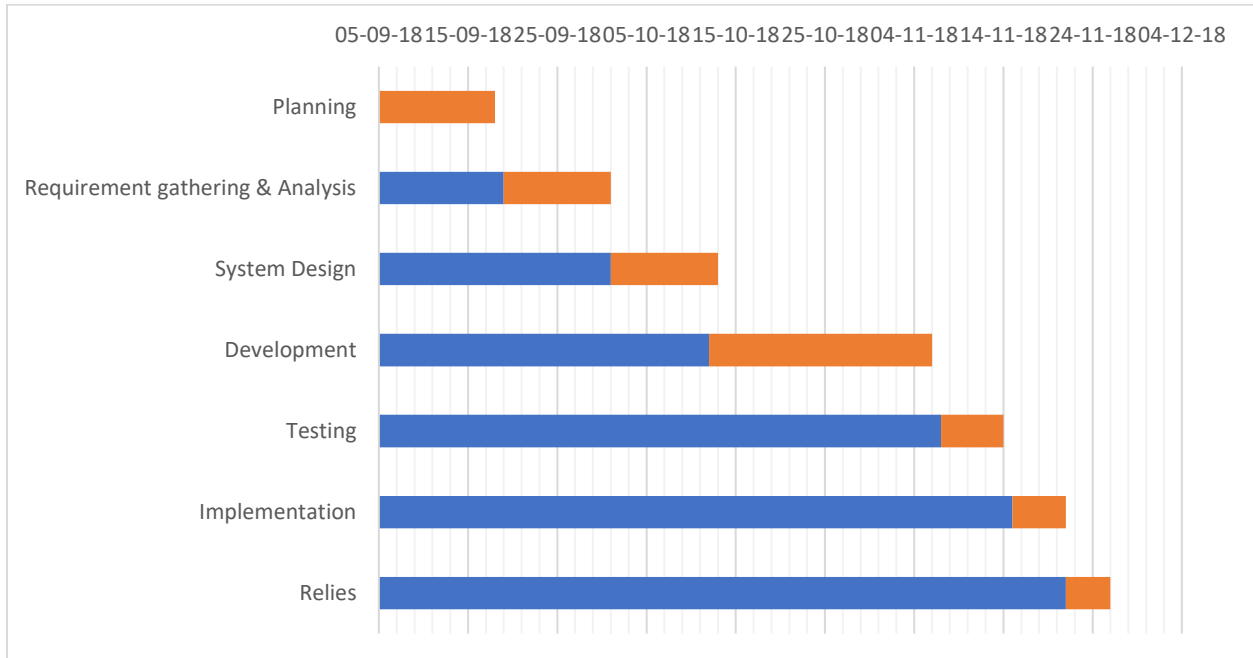


Figure 1.2: Gantt chart

1.5.2 Release Plan/Milestone

Milestone, it is a time frame of project. That will define the project task. Project milestones are as follows:

Table 1.1: Milestone

Task no.	Task Name	Duration
01	Planning	13 Days
02	Requirements Gathering & Analysis	12 Days
03	System Design	12 Days
04	Development	25 Days
05	Testing	7 Days
06	Implementation	6 Days
07	Relies	5 Days
	Total	80 Days

Chapter-2

Software Requirement Specification

Requirement analysis is the process of identifying the user satisfaction in the most important part of project management.

When we select this project, we thought about some specific software requirement like

- Who is the stakeholder of this project?
- Is this helpful for them or not?
- Functional or non-functional requirements
- Maintenance of the system

2.1 Functional Requirements

The functional requirement of the system is given below:

Customer Registration:

Table 2.1: Customer Registration

Fr-01	Customer Registration
Description	There are two types of user, customer and supplier. Customer registration page is only for who want to buy product from reliable supplier form our system. This page is required some information like address, name, phone number etc.
Stakeholders	Customer

Customer Login:

Table 2.2: Customer Login

Fr-02	Customer Login
Description	This page is only for the register customer
Stakeholders	Customer

View Supplier List:

Table 2.3: View Supplier List

Fr -03	View Supplier List
Description	This page is for customer. They can view supplier list from our system.
Stakeholders	Customer

View Product:

Table 2.4: View Product

Fr -04	View Product
Description	This page is for customer. They can view product
Stakeholders	Customer

Buy Product:

Table 2.5: Buy Product

Fr -05	Buy Product
Description	This page is for customer. They can view product item.
Stakeholders	Customer

Supplier Login:

Table 2.6: Supplier Login

Fr-07	Supplier Login
description	This page is only for the supplier
stakeholders	Supplier

2.2 Data Requirements

- Need product list
- Full information of shopkeeper
- Need to know product quality
- Managing skills and programming skills
- Need quarry about salesman behave
- Information about product delivery process

2.3 Performance Requirements

It's very necessary to sustain the performance of the project. To assure the better performance, this project has to meet some requirements which will provide the better performance.

2.3.1 Speed and Latency Requirements

While run the project in the browser, system needs a minimum amount of speed to perform the task

Table 2.7: Speed and Latency Requirements

SLR-01	System speed will be faster
description	When customer or supplier browsing, speed is depending on their internet speed. It also depends the server bandwidth speed.
stakeholders	Supplier, customer

2.3.2 Precious or Accuracy Requirements

System have to confirm the Legibility and Accuracy of the data.

Table 2.8: Precious or Accuracy Requirements

AR-01	Data Accuracy
description	The input data should be correct and right pattern data, otherwise the input field show error message. Like phone number, email address, password etc. the input information is not valid, the data never save. Or the input data pattern is not match, the system never saves or accept the data.
stakeholders	Supplier, customer

2.3.3 Capacity Requirements

The system should maintain the all inserting data

Table 2.9: Capacity Requirements

CR-01	Manage all the data in database
description	All data like, customer registration data, supplier registration data, product data, transection history, order list, payment information are store in the database in tight from.
stakeholders	Supplier, customer

2.4 Dependability Requirements

Dependability means, it measures of a system reliability, availability, robustness, safety etc. Here, dependability means the running time of this project.

2.4.1 Reliability Requirements

Table 2.10: Reliability Requirements

RA-01	The system is reliable
Description	<ul style="list-style-type: none">• Secure transaction• Buy product from reliable supplier• Customer information are stored safe
Stakeholder	Customer

2.4.2 Availability Requirements

Table 2.11: Availability Requirements

AR-01	The system must be available 24x7
Description	<ul style="list-style-type: none">• It is available 24 hours in a day and 7 days in a week• The system must be updated regularly
Stakeholder	Customer, supplier

2.4.3 Robustness or Fault Tolerance requirements

Table 2.12: Robustness or Fault Tolerance requirements

FTR-01	Well robustness of the system
Description	If any problem occurs the system will show error message and the fault tolerance is handle properly
Stakeholder	Customer, supplier

2.4.4 Safety-Critical Requirements

Table 2.13: Safety-Critical Requirements

SR-01	Safe transaction
Description	Customer can payment money easily and they don't think about money frauded
Stakeholder	Customer

2.5 Maintainability and Supportability Requirements

For maintenance the system and support the system, some people associate the project

2.5.1 Maintenance Requirements

- A system operator should maintain the system
- System can produce wrong results and the operator must be able to reproduce the data flow through the system

2.5.2 Supportability Requirements

- To understand the system's behavior on a technical support is required by the system operator.
- Hacker tried to breach the system's security mechanisms and the system operator must understand what he did
- System malfunction can be occurred and the system operator has to find the exact point when this happened.

2.5.3 Adaptability Requirements

There are no adaptability requirements.

2.5.4 Scalability or Extensibility Requirements

There are no Extensibility requirements.

2.6 Security Requirements

There are two security requirements

- Login as customer
- Login as supplier

To get access to this system or a specific module the system must provide an authentication mechanism. To prevent anyone to exploit stolen data all user's password must be encrypted in hash process.

2.6.1 Access Requirements

This system provides accesses the different module, by access the authentication way the authentic user.

2.6.2 Integrity Requirements

To prevent credentials information of user from being stolen, all passwords are stored in encrypted form. The Requirements significantly reduces the value of stolen user credentials, it's not easy to decrypt the password.

2.6.3 Privacy Requirements

All the user password is stored in encrypted and the customer information is safely stored. One customer cannot view the other customer personal information like phone number, location etc.

2.7 Usability and Human-Interaction Requirements

This system is easy to use, and simple user-interface. The people who want to buy product from relabel supplier and the people who wants to be supplier, can use our system easily.

2.7.1 Ease of Use Requirements

To make specific consumers to achieve quantified objectives with more effectiveness, satisfaction and efficiency in our system.

2.7.2 Personalization and Internationalization Requirements

There are no internationalization requirements added. We only make this system for such a small area for helping shopkeeper

2.7.3 Understandability and Politeness Requirements

This system is very easy to use and understand, and simple user-interface. Anyone can easily access this system easily.

2.7.4 Accessibility Requirements

This system is very easily accessible.

2.7.5 User Documentation Requirements

We expect from system

- Reliable shopping
- Much transection
- Customer advantages
- Freely shopping for customer

2.7.6 Training Requirements

There are no training requirements needed to build this system.

2.8 Look and Feel Requirements

2.8.1 Appearance Requirements

Needed knowledge about ASP.NET and algorithm.

2.8.2 Style Requirements

Knowledge about CSS, JavaScript and bootstrap.

2.9 Operational and environmental requirements

2.9.1 Expected Physical Environment

Sells product and delivered a long period time later.

2.9.2 Requirements for Interfacing with Adjacent System

In this system shopkeeper buy product with a full payment, half payment and even not paying any single money.

2.9.3 Projectization Requirements

This system should be any kinds of introduction or guide liner. It's a small size software that fit any storage.

2.9.4 Release Requirements

- It's a beta version
- we always improving its condition.
- Trying to make a secure shopping area

2.10 Legal Requirements

Legal requirements are given below

2.10.1 Compliance Requirements

All information will be recorded with protection.

2.10.2 Standard Requirements

Must give address name and phone number.

Chapter-3

System Analysis

3.1 Use Case Diagram

In our system there are three types of user.

- Supplier
- Register customer
- Customer

The use case of our application for three types user:

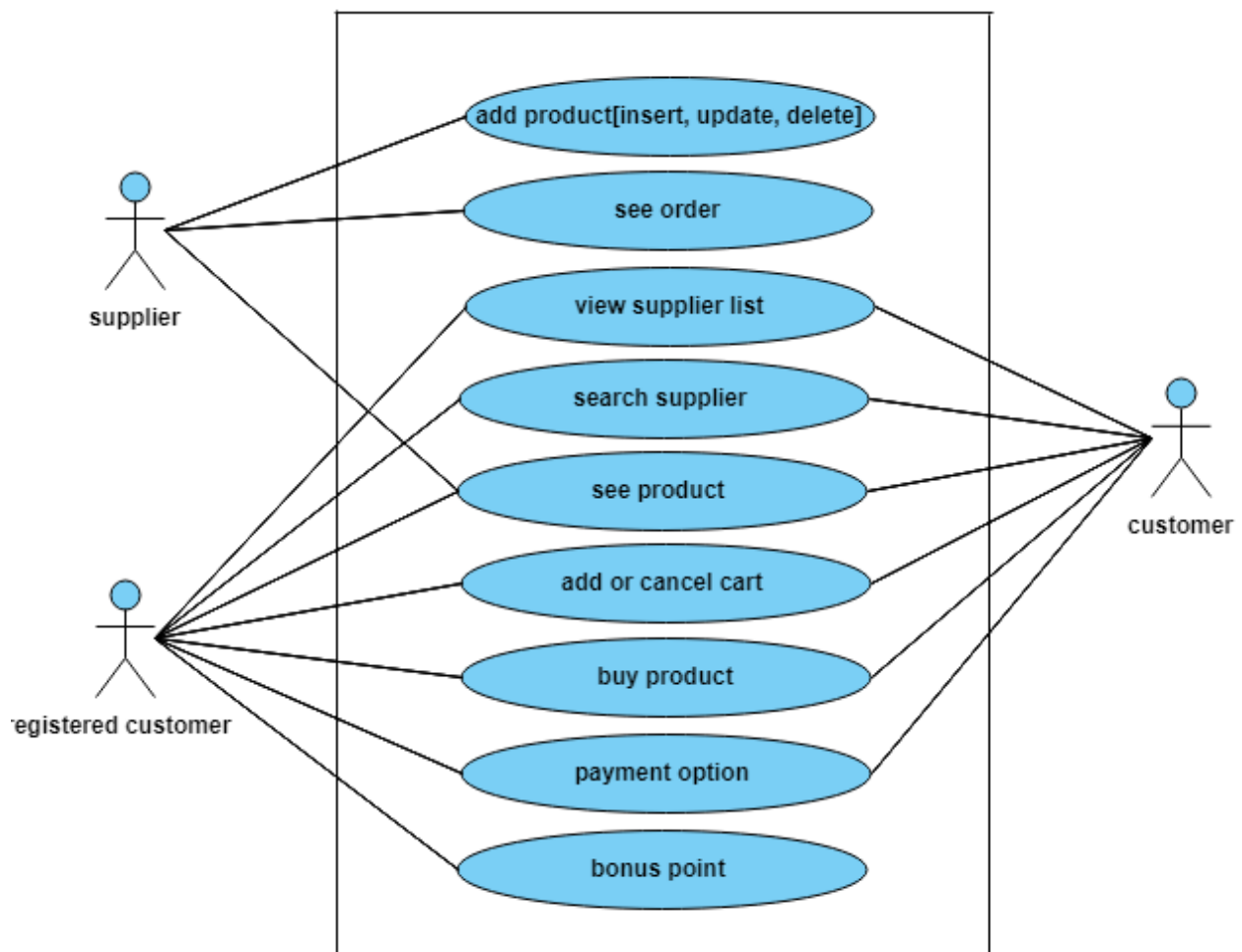


Figure 3.1: Use Case Diagram

3.2 Use Case Description (for customer)

Use case for customer:

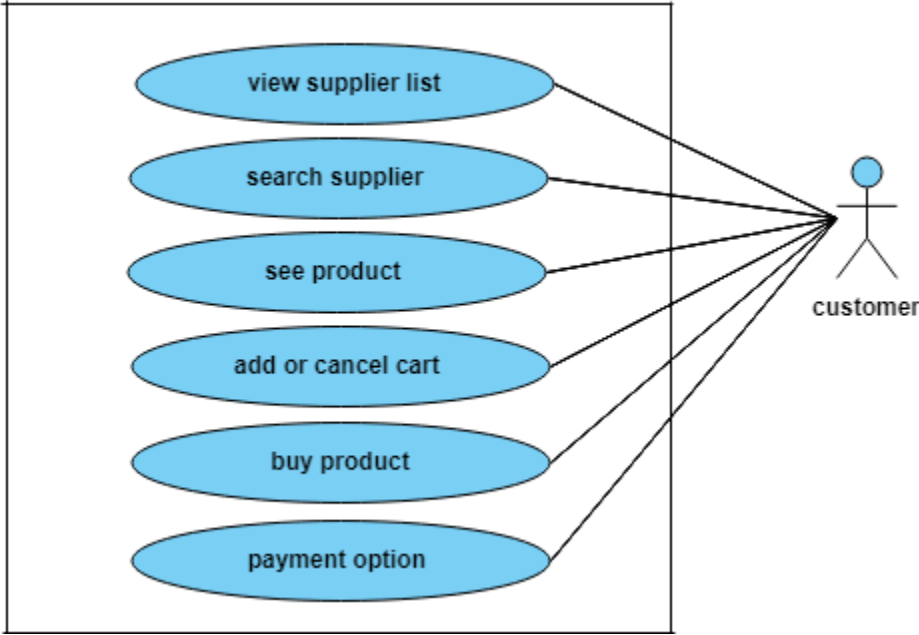


Figure 3.2: Use Case for Customer

Use Case Description (for register customer)

Use case for register customer:

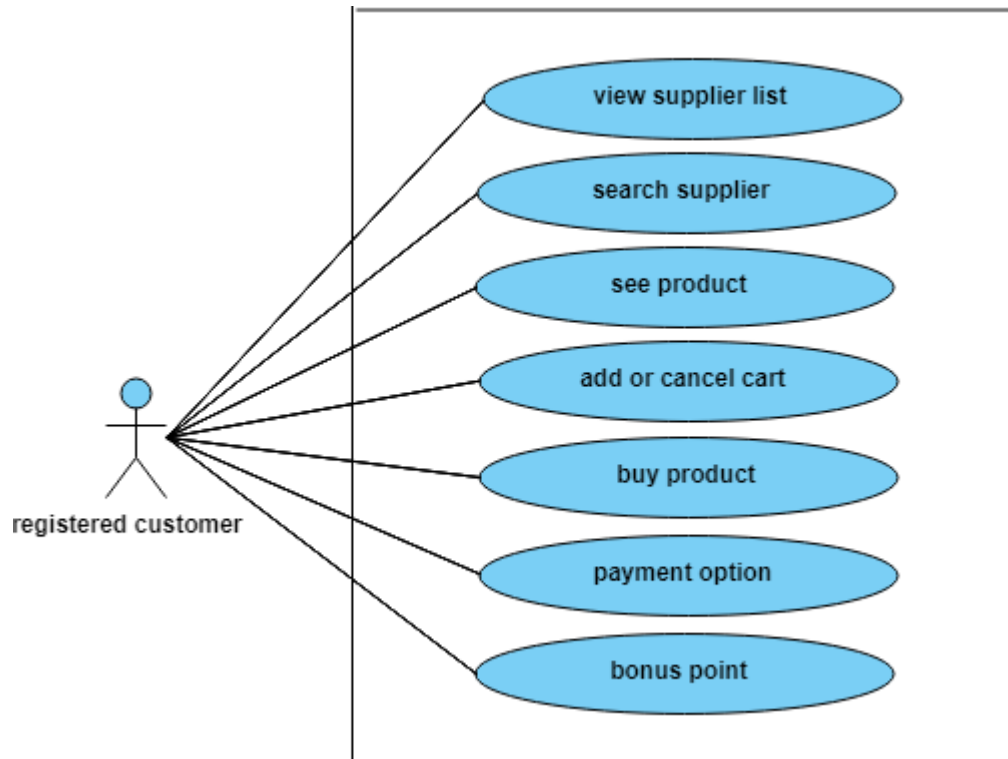


Figure 3.3: Use Case for Register Customer

Use Case Description (for supplier)

Use case for supplier:

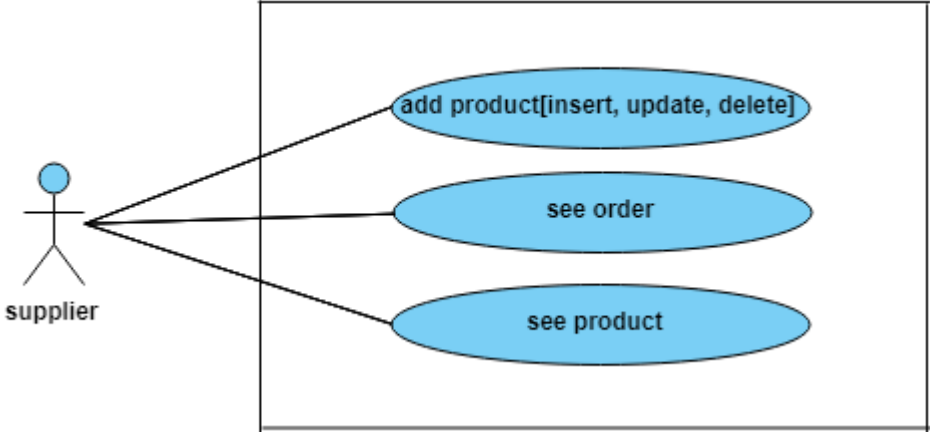


Figure 3.4: Use Case for Supplier

3.3 Activity Diagram (for system)

System activity diagram:

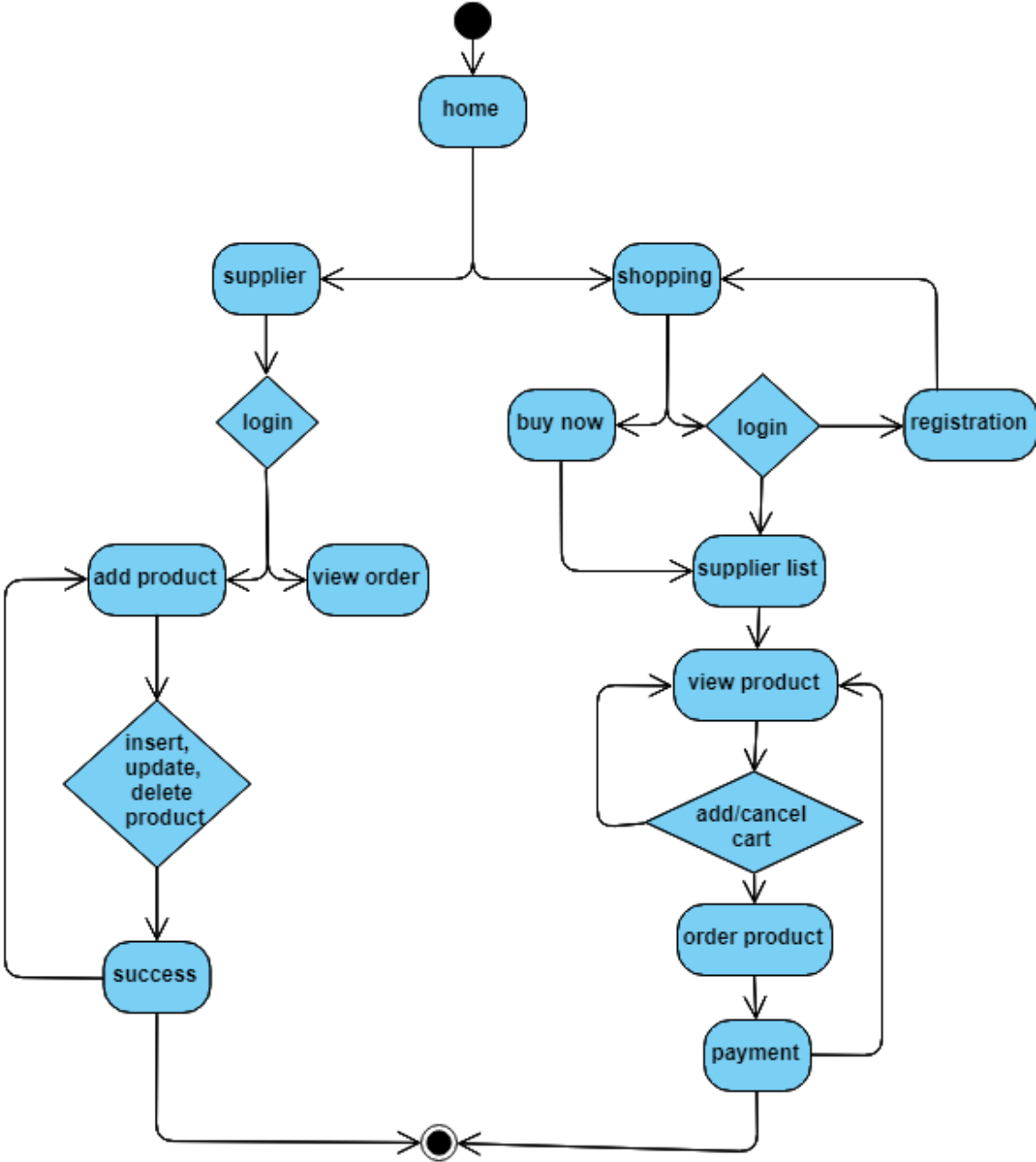


Figure 3.5: System Activity Diagram

Activity Diagram (for login and registration)

Login and Registration activity diagram:

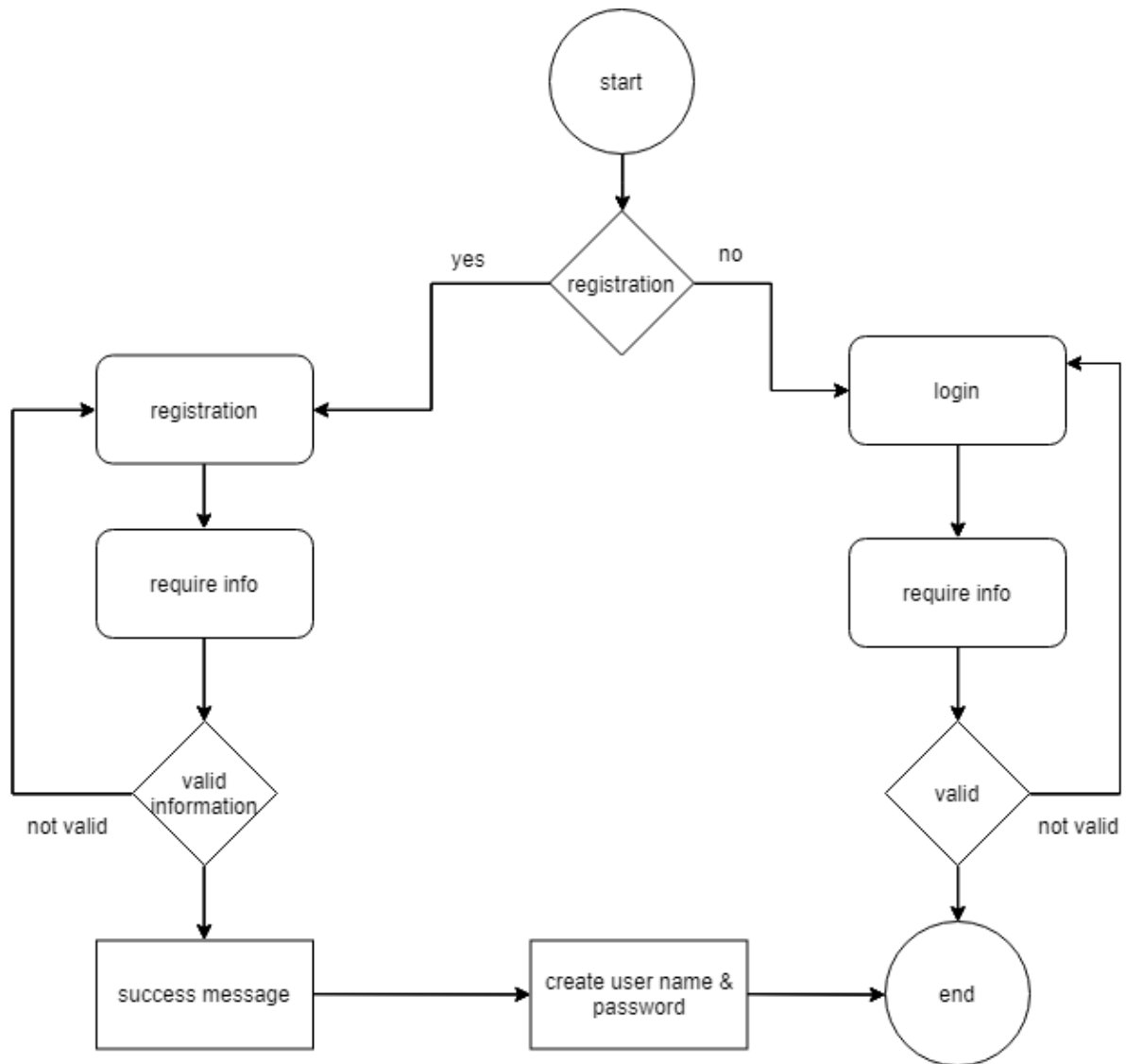


Figure 3.6: Login & Registration Activity

Activity Diagram (for buy product and payment)

Activity diagram for product buy and payment

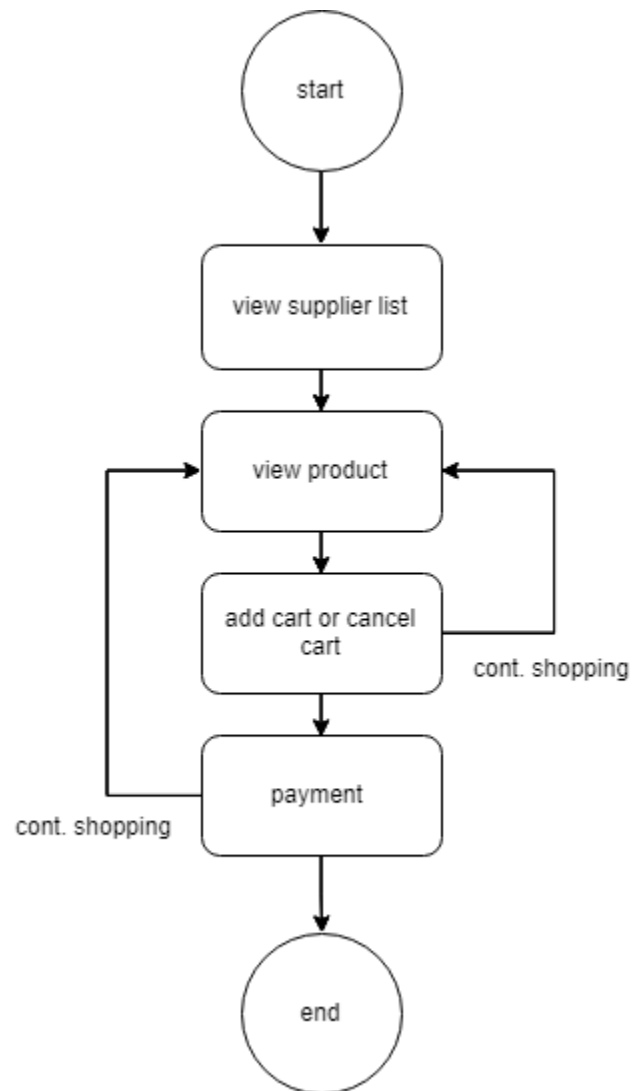


Figure 3.7: Buy Product & Payment

3.4 System Sequence Diagram (for each use case)

Sequence diagram show the process in sequential way that is actor done.

System Sequence Diagram for Customer

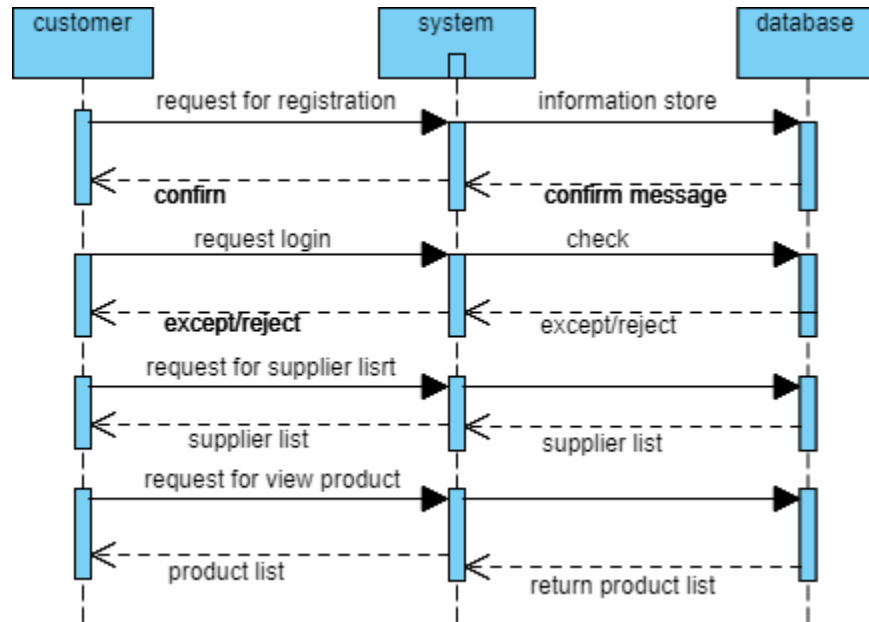


Figure 3.8: Customer Sequence Diagram

System Sequence Diagram for Supplier

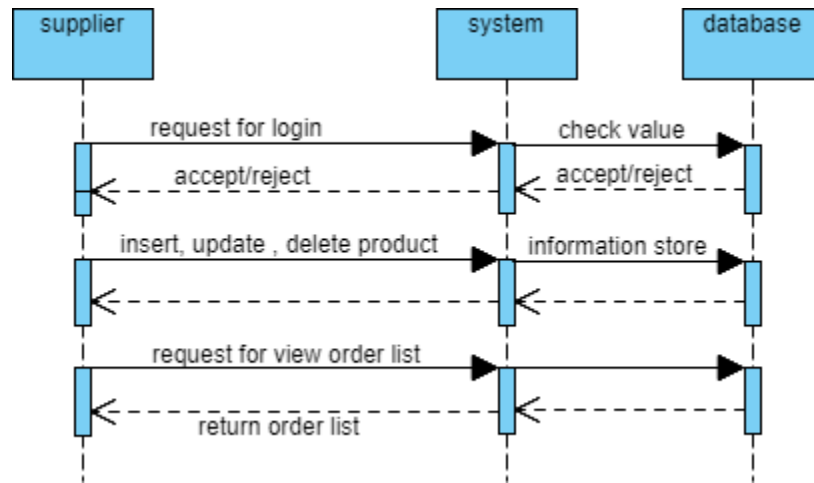


Figure 3.9: Supplier Sequence Diagram

Chapter-4

System Design Specification

4.1 Class Responsibilities Collaboration (CRC) Cards

It's a brainstorming tool used to design any kind of object-oriented software. Following tables are given below:

Buy product:

Table 4.1: Buy Product CRC

Responsibilities	Collaboration
<ul style="list-style-type: none">• Product item identity• Check identity• Product delivery date• Check quantity• Check item delivery	<ul style="list-style-type: none">• Place order• Paying payment

Customer:

Table 4.2: Customer CRC

Responsibilities	Collaboration
<ul style="list-style-type: none">• Information identity• Check information identity• Save order history• Check bonus point	<ul style="list-style-type: none">• Add cart• Make order

Supplier:

Table 4.3: Supplier CRC

Responsibilities	Collaboration
<ul style="list-style-type: none"> • Add product • Check product • Product delivery date • Check order • Check order delivery date 	<ul style="list-style-type: none"> • Confirm order • Release product

4.2 Sequence Diagram (for each use case)

Sequence diagram for customer:

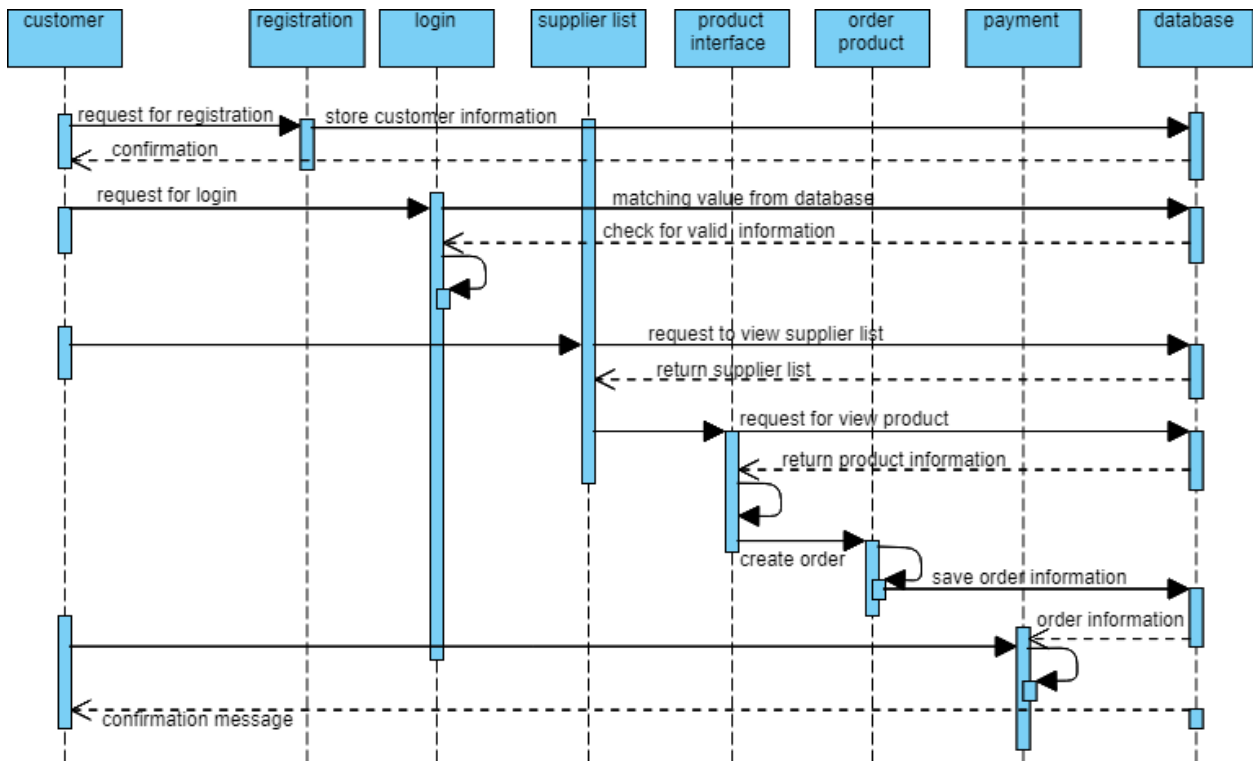


Figure 4.1: Customer Sequence Diagram

Sequence diagram for supplier:

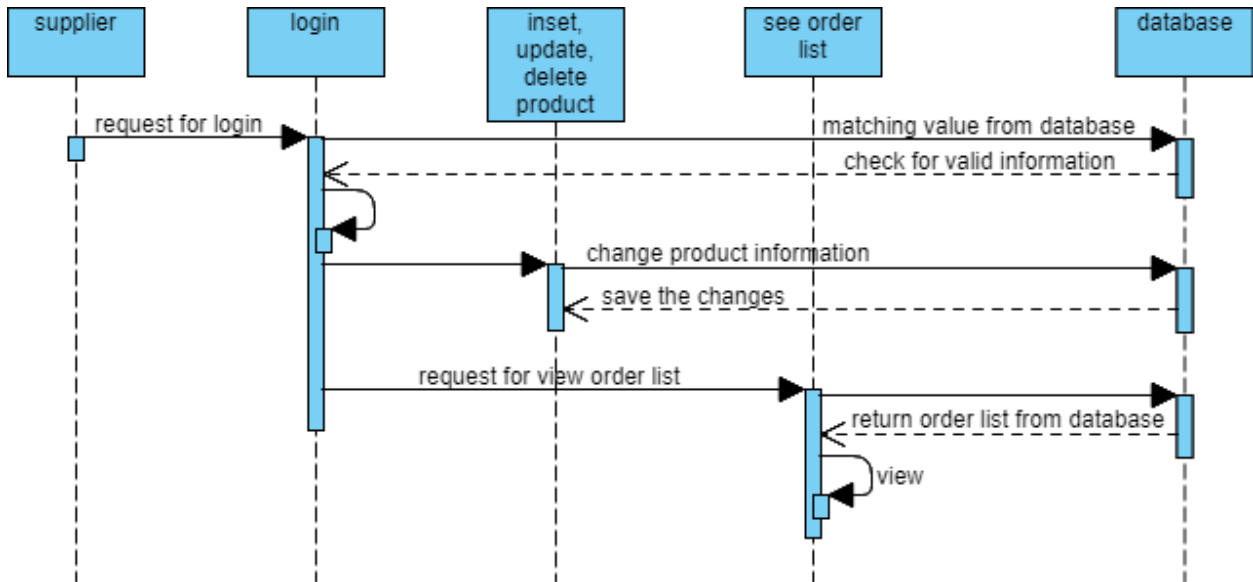


Figure 4.2: Supplier Sequence Diagram

4.3 Class Diagram

Class diagram of our system:

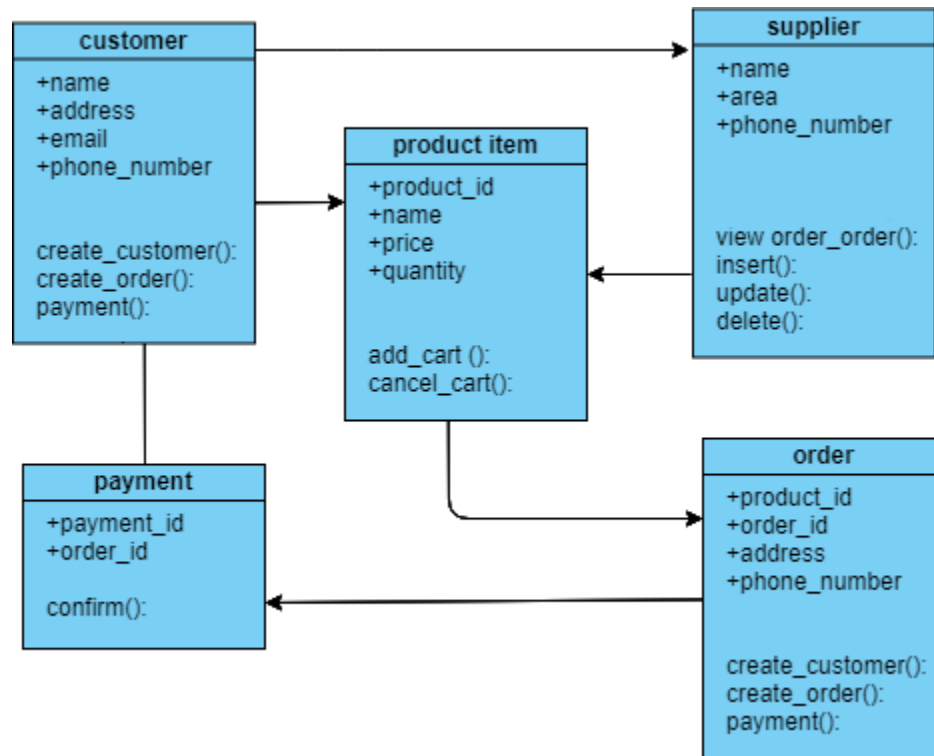


Figure 4.3: Class Diagram

4.4 Database Design Diagram

Database design of our system:

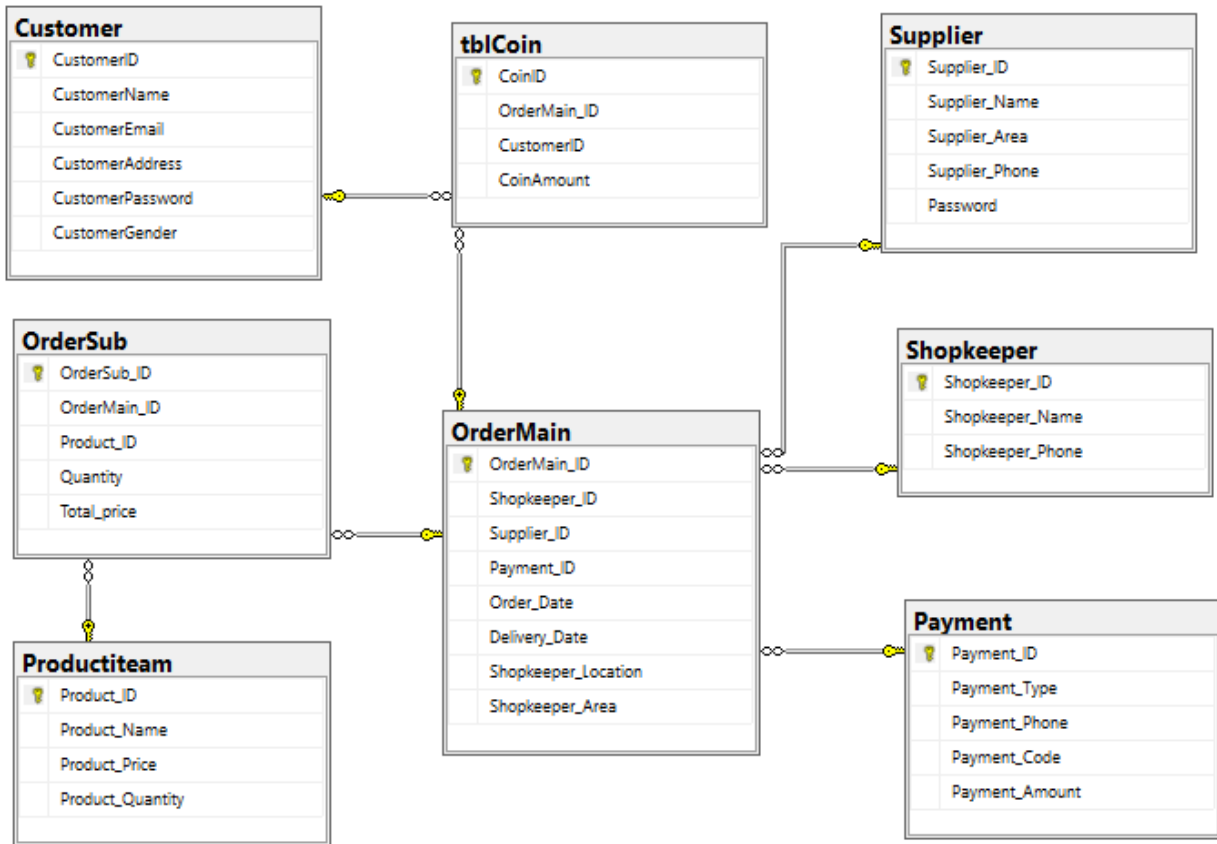


Figure 4.4: Database Design

4.5 Developments Tools and Technology

Development tools:

- Development IDE: visual studio
- Server: Microsoft SQL Server

Development technology:

- Programming language: C#
- Pattern: MVC 5
- Framework: Entity framework 4.2

4.5.1 User Interface Technology

- HTML
- CSS
- Bootstrap
- JavaScript

4.5.2 Implementation Tools and Platforms

In this stage we describe what needs to implement this application

Hardware:

- Processor: Dual Core or above
- Processor speed: 1.8GHz or above
- RAM: 2GB or above
- Hard Disk Drive: 18GB or above

Software:

- IDE: Visual Studio
- Database: MSSQL Server Management 2017
- Web Server: IIS

Chapter-5

System Testing

5.1 Testing Feature

Testing features are given below

5.1.1 Features to be tested

The following feature we tested:

- Login
- Buy now
- Check out
- Supplier
- Add product
- Order list
- Payment option

5.1.2 Feature not to be tested

We tested every feature of our system.

5.2 Testing Strategies

user friendly input test

- Quality test
- Measure test

5.2.1 Test Approach

We maintain a level of our system like,

For quantity we put a border that user cannot put negative values for quantities.

To implement a project test approach is important. Test approach has two techniques:

- Proactive - An approach in which the test design process is initiated as early as possible in order to find and fix the defects before the build is created.

- Reactive - An approach in which the testing is not started until after design and coding are completed.

5.2.2 Pass/Fail Criteria

- the expected result needs to take place then it will be considered as pass otherwise that criteria should be failed.
- If an item tested 10 times, 9 times perfectly worked and single time do not work properly then it will consider as fail case.
- System crash will be considered as fail case.
- After submitting a query in the system, if expected page won't appear then it will be considered as fail case.

5.2.3 Suspension and Resumption

There is no suspension and resumption happen.

5.2.4 Testing schedule

4 November 2018 to 11 November 2018

5.2.5 Traceability Matrix

No traceability matrix

5.3 Testing Environment (hardware/software requirements)

- Testing IDE: visual studio
- Browser: google chrome
- Server: Microsoft SQL Server
- Operating System: Windows 10
- Possessor: dual core
- Possessor speed: 1.8GHz

5.4 Test Case

Test case of our system are given below

Test case for customer registration:

Test case ID: 01	Module name: Customers
Sub Module: customer registration	Test design by: Rokibul Islam
Test priority(low/medium/high): high	Test design date: 4-11-2018
Text title: registration with valid information	Test executed by: Rokibul islam
Description: test the system's on registration page	Text executed date:11-11-2018

Preconditions: The user navigate to registration page and input the required filled. And click on the Register button.

Step	Test step	Test data	Code module	Expected result	Actual result	Pass/Fail
1	Navigate to registration page	Click on registration button	Customers /Registration	Customer should be registered successfully	Customer registered	Pass
2	Customer name	Rokibul				
3	Email	Rokib2@gmail.com				
4	Address	Mohammadpur				
5	Password	1234				
6	Gender	Male				

Post condition: If the user information's are valid then the information will be saved in the database otherwise show the invalid fields.

Test case for customer login:

Test case ID: 02	Module Name: Customers
Sub Module: customer login	Test design by: rokibul islam
Test priority(low/medium/high): high	Test design date: 4-11-2018
Text title: Login with valid information	Test executed by: rokibul islam
Description: Test the system on login page	Text executed date: 11-11-2018

Preconditions: The user navigate to login page and input the required filled. And click on the login button.

Step	Test step	Test data	Code module	Expected result	Actual result	Pass/Fail
1	Navigate to login page	Click on buy now button	Customers/Login	Customer should be login successfully	Customer login	Pass
2	Email	Rokib2@gmail.com				
3	Password	1234				

Post condition: If the user information's are valid then the information will be matching the database.

Test case for supplier login

Test case ID: 03	Module name: Supplier login
Sub Module: login	Test design by: Ahad
Test priority(low/medium/high): high	Test design date: 4-11-2018
Text title: login with valid information	Test executed by: Ahad
Description: test the system on login page	Text executed date: 11-11-2018

Preconditions: The supplier navigate to login page and input the required filled. And click on the login button.

Step	Test step	Test data	Code module	Expected result	Actual result	Pass/Fail
1	Navigate to login page	Click on Supplier button	SupplierLogin/Login	Supplier should be login successfully	Supplier login	Pass
2	Name	Ahad				
3	Password	321				

Post condition: If the supplier's information's are valid then the information will be matching the database.

Test case for supplier login

Test case ID: 03	Module name: Supplier login
Sub Module: login	Test design by: Ahad
Test priority(low/medium/high): high	Test design date: 4-11-2018
Text title: login with valid information	Test executed by: Ahad
Description: test the system on login page	Text executed date: 11-11-2018

Preconditions: The supplier navigate to login page and input the required filled. And click on the login button.

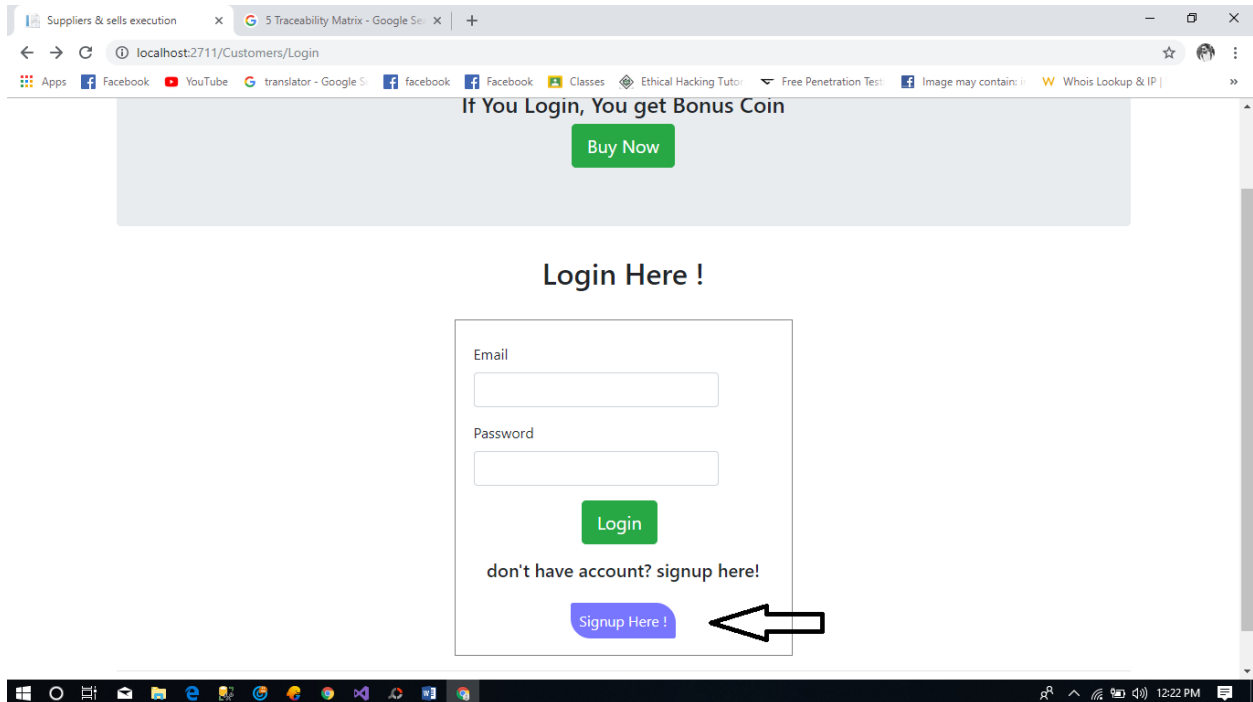
Step	Test step	Test data	Code module	Expected result	Actual result	Pass/Fail
1	Navigate to login page	Click on Supplier button	SupplierLogin/Login	Supplier should not be login	Supplier login failed	Fail
2	Name	Ahad				
3	Password	123				

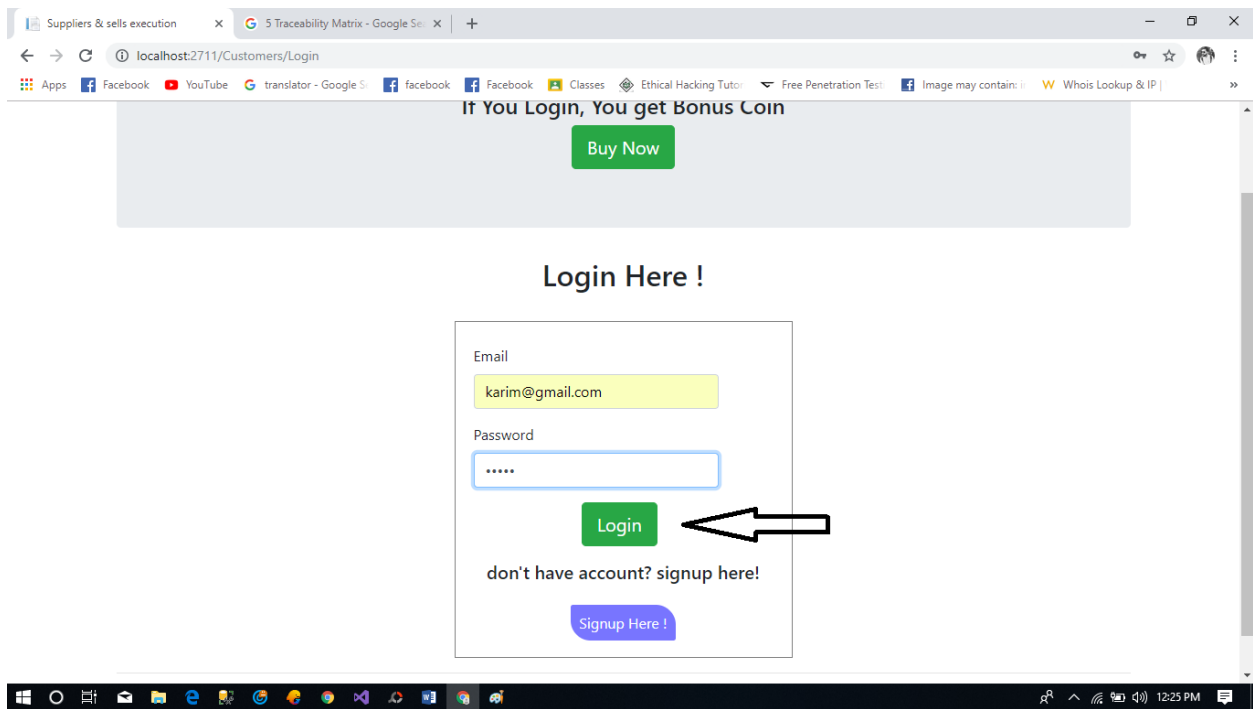
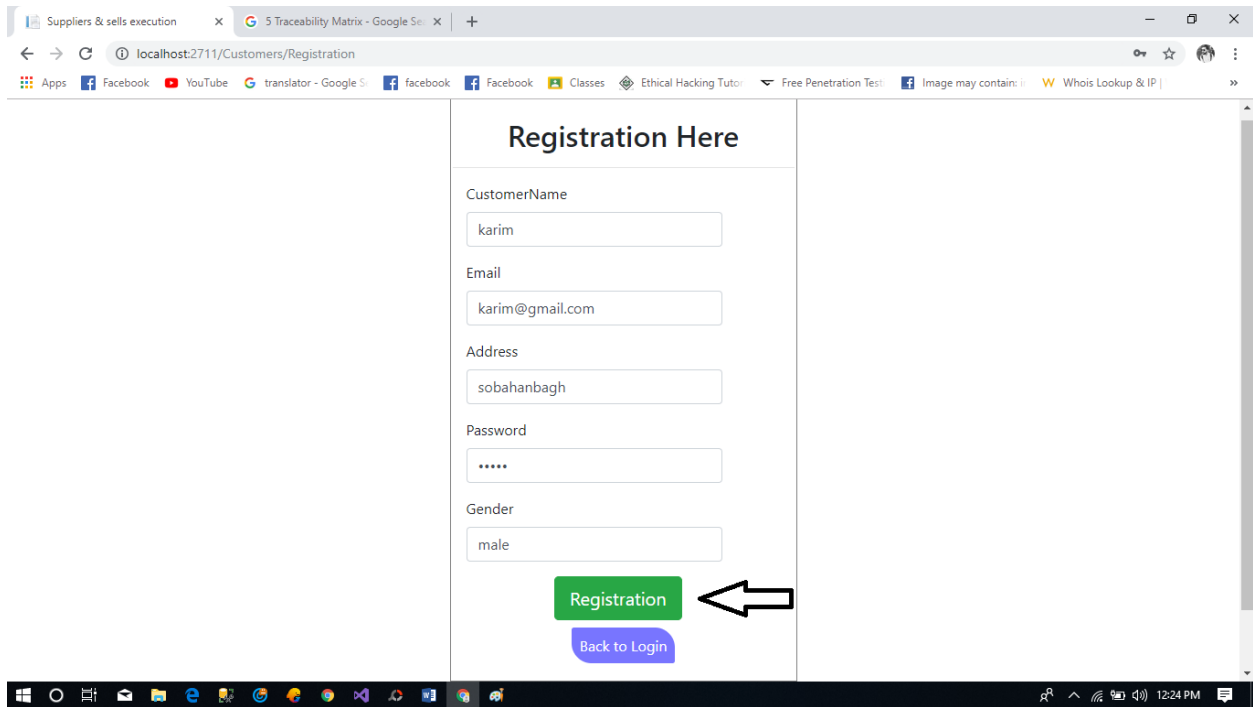
Post condition: If the supplier's information's are invalid then the information will be matching the database. And cannot login.

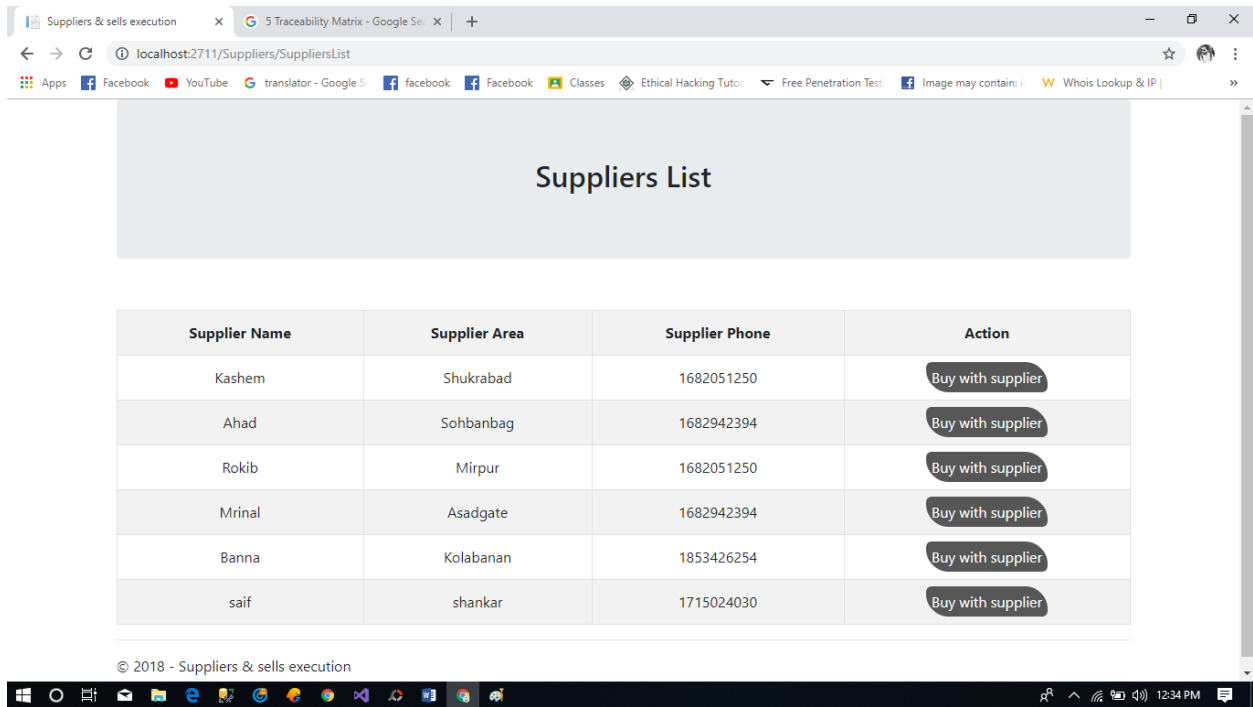
Chapter-6

User Manual

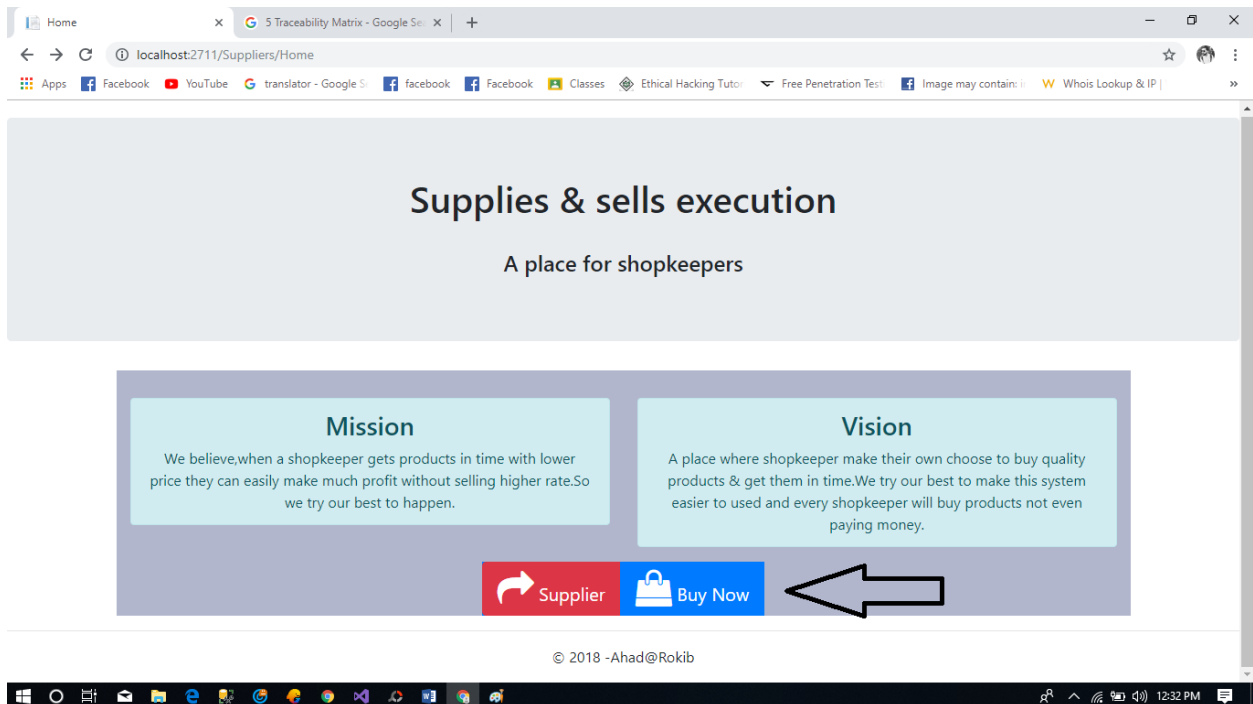
6.1 User Manual (for registered customer)







6.2 User Manual (for unregistered customer)



Suppliers & sells execution x 5 Traceability Matrix - Google Se... x +

localhost:2711/Customers/Login

NB: If you don't want login Or Registration. Please Click "Buy Now"
If You Login, You get Bonus Coin

Buy Now

Login Here !

Email

Password

Login

don't have account? signup here!

Windows taskbar: 12:33 PM

Suppliers & sells execution x 5 Traceability Matrix - Google Se... x +

localhost:2711/Suppliers/SuppliersList

Suppliers List

Supplier Name	Supplier Area	Supplier Phone	Action
Kashem	Shukrabad	1682051250	Buy with supplier
Ahad	Sohbanbag	1682942394	Buy with supplier
Rokib	Mirpur	1682051250	Buy with supplier
Mrinal	Asadgate	1682942394	Buy with supplier
Banna	Kolabanan	1853426254	Buy with supplier
saif	shankar	1715024030	Buy with supplier

© 2018 - Suppliers & sells execution

Windows taskbar: 12:34 PM

6.3 User Manual (for supplier)

Home x 5 Traceability Matrix - Google Se x +

localhost:2711/Suppliers/Home

Supplies & sells execution

A place for shopkeepers

Mission

We believe,when a shopkeeper gets products in time with lower price they can easily make much profit without selling higher rate.So we try our best to happen.

Vision

A place where shopkeeper make their own choose to buy quality products & get them in time.We try our best to make this system easier to used and every shopkeeper will buy products not even paying money.

Supplier Buy Now

© 2018 - Ahad@Rokib

Suppliers & sells execution x 5 Traceability Matrix - Google Se x +

localhost:2711/SuppliersLogin/Login

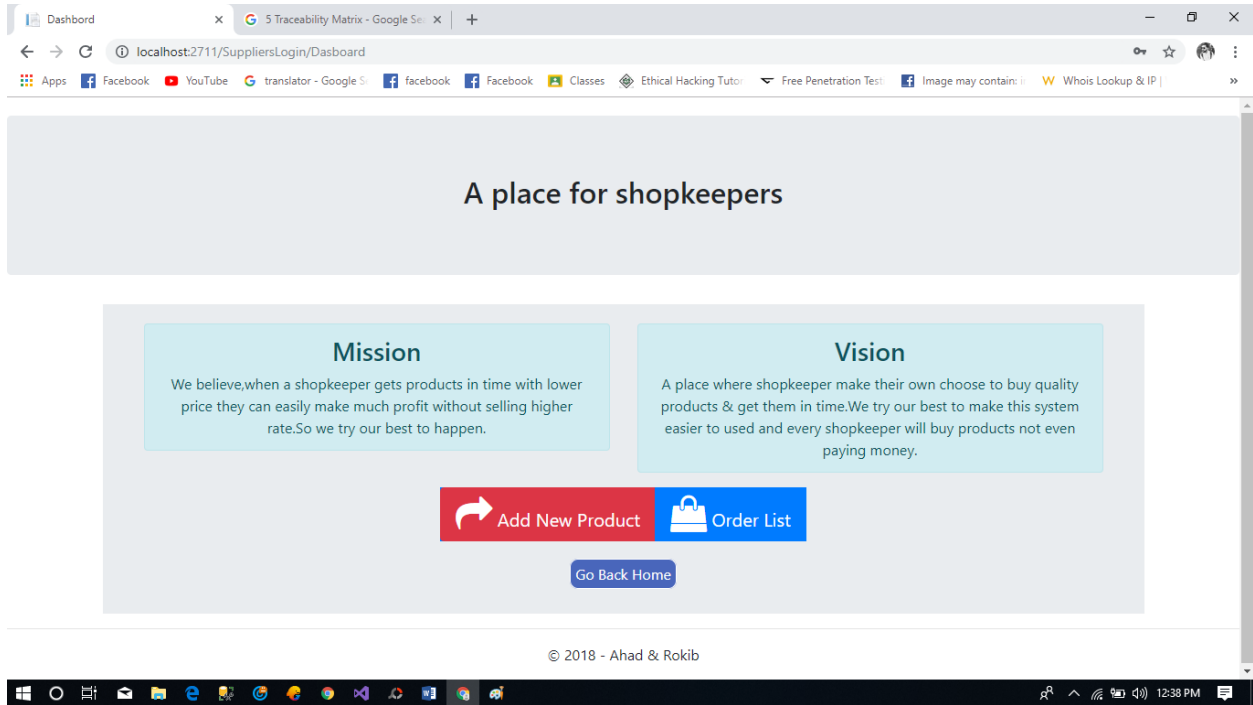
Supplier Login !

Supplier Name
Ahad

Password
...

Login Back to Home

© 2018 - Suppliers & sells execution



Chapter-7

Project Summary

7.1 GitHub link

<https://github.com/rokib-islam/Suppliers-Sells-Execution>

7.2 Critical Evaluation

- Collection requirements
- Adding bonus point in our system
- Making decision to choose for which side we actually work. We choose shopkeeper for their secure shopping.

7.3 Limitation

- It is only for local area
- It's a beta version
- Mobile notification
- Website not fully responsive

7.4 Obstacles and Achievements

We think we face less obstacles and archive more success. We build this system for shopkeepers.

7.5 Future Scope

We always trying to improve our system.

In future we are boarded this system for big area. And if we can we add more feature in our system

7.6 Reference

[1] <https://stackoverflow.com/questions/16475979/what-is-the-difference-between-functional-and-non-functional-requirement>

[2] http://www.tutorialspoint.com/uml/uml_use_case_diagram.htm

[3] https://www.tutorialspoint.com/uml/uml_activity_diagram.htm

[4] <https://www.healthit.gov/playbook/pddq-framework/data-operations/data-requirements-definition/>

[5] <https://online.visual-paradigm.com>

[6] <https://docs.microsoft.com/en-us/aspnet/core/fundamentals/servers/?view=aspnetcore-2.1&tabs=windows>