DIU
Daffodil
International
University

PROJECT REPORT

Project title : Tali khata

Course Title: system analysis and design project
Course code: SE231

Submitted To

Mr. Md. Mushfiqur Rahman
Lecturer
Department of SWE
Daffodil International University

Submitted By

Md. Shahariar Alom
ID: 173-35-2247
Department of SWE
Daffodil International University

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Executive Summary :

It was a desktop base application .It is easily calculated any shops remaining amount. it is easy to usage. How much money the shopkeeper earns and spends per day in his shop . Shop owner can add any customer. he doesn't have to remember how much money due is?
These apps will remember for him. Shop owners can easily delete and updates any customer information.

List figures of diagrams

Diagrams name	Figures	pages
Gantt Chart	F0	6
Use-case Diagram	F1	6
DB Schema Diagram	F2	10
Activity diagram	F3	10
Activity diagram	F3.1	11
Activity diagram	F3.2	11
Activity diagram	F3.3	12
Activity diagram	F3.4	12
Activity diagram	F3.5	13
Activity diagram	F3.6	13
Sequence diagram	F4	14
Class diagram	F5	14

Introduce …….. 5
Problem statement……..…….....….. 5
Proposed solution……..……...…… 5
Gantt Chart for project timeline/schedule…….6
Use-case Diagram……..……...6
Use Case Description ……..……7 to 9
DB Schema Diagram ……..……....10
Activity diagram ……...10 to 13
Sequence diagram……..14
Class diagram ……...14
Technology……..……..……15
User interface ……..……....15 to 16
Conclusion ……17
Work done so far……..……..……17

Introduction:

It was a desktop base application .It is easily calculated any shops remaining amount. it is easy to usage. How much money the shopkeeper earns and spends per day in his shop . Shop owner can add any customer. he doesn't have to remember how much money due is?
These apps will remember for him. Shop owners can easily delete and updates any customer information.

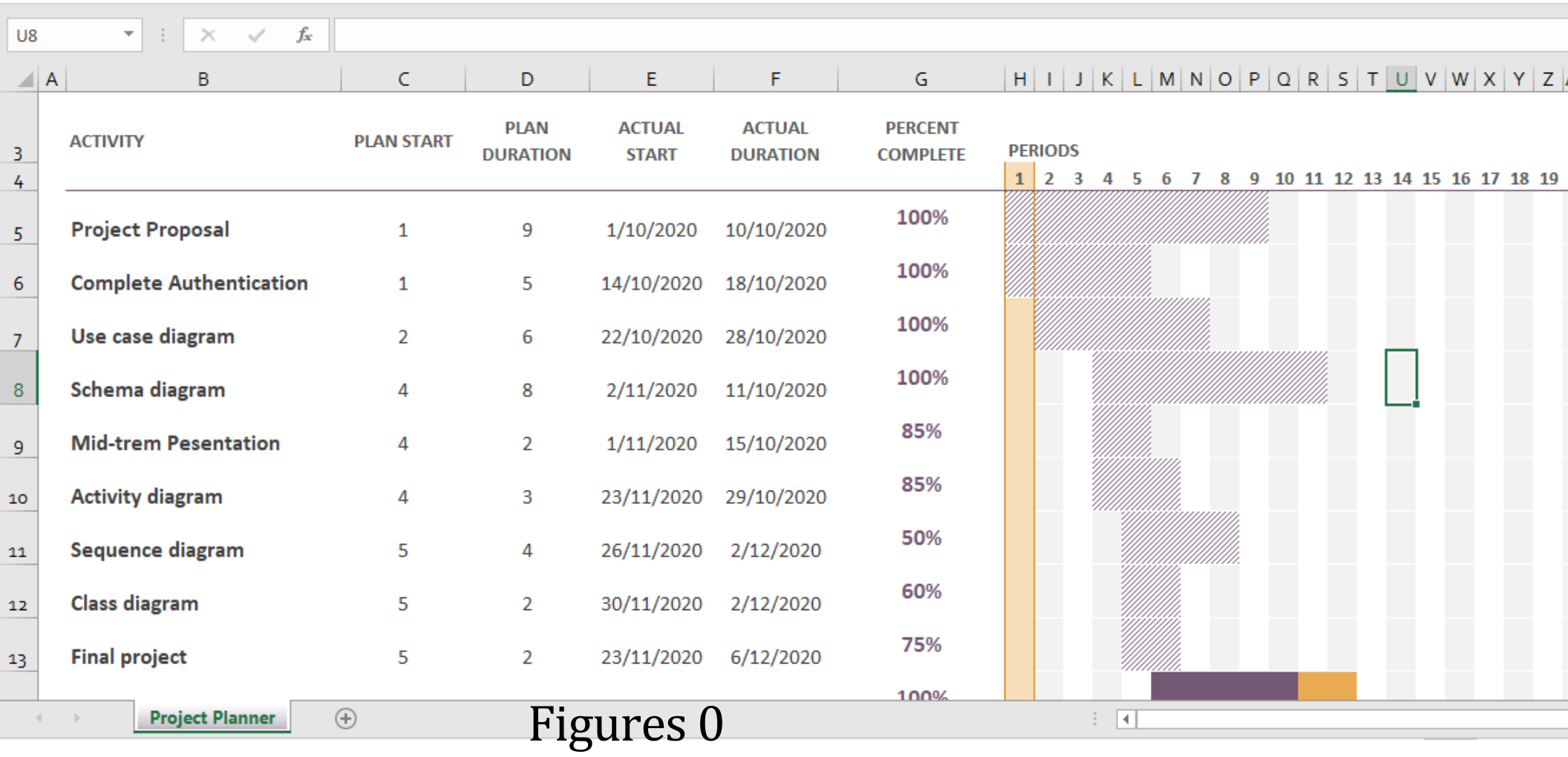
Problem statement:

1.Shopkeeper are calculate the due money by note book .This process are very old.
2. It was takes time too much
3.When shopkeepers are calculates by note books he will be mistakes any calculation.

Proposed solution:

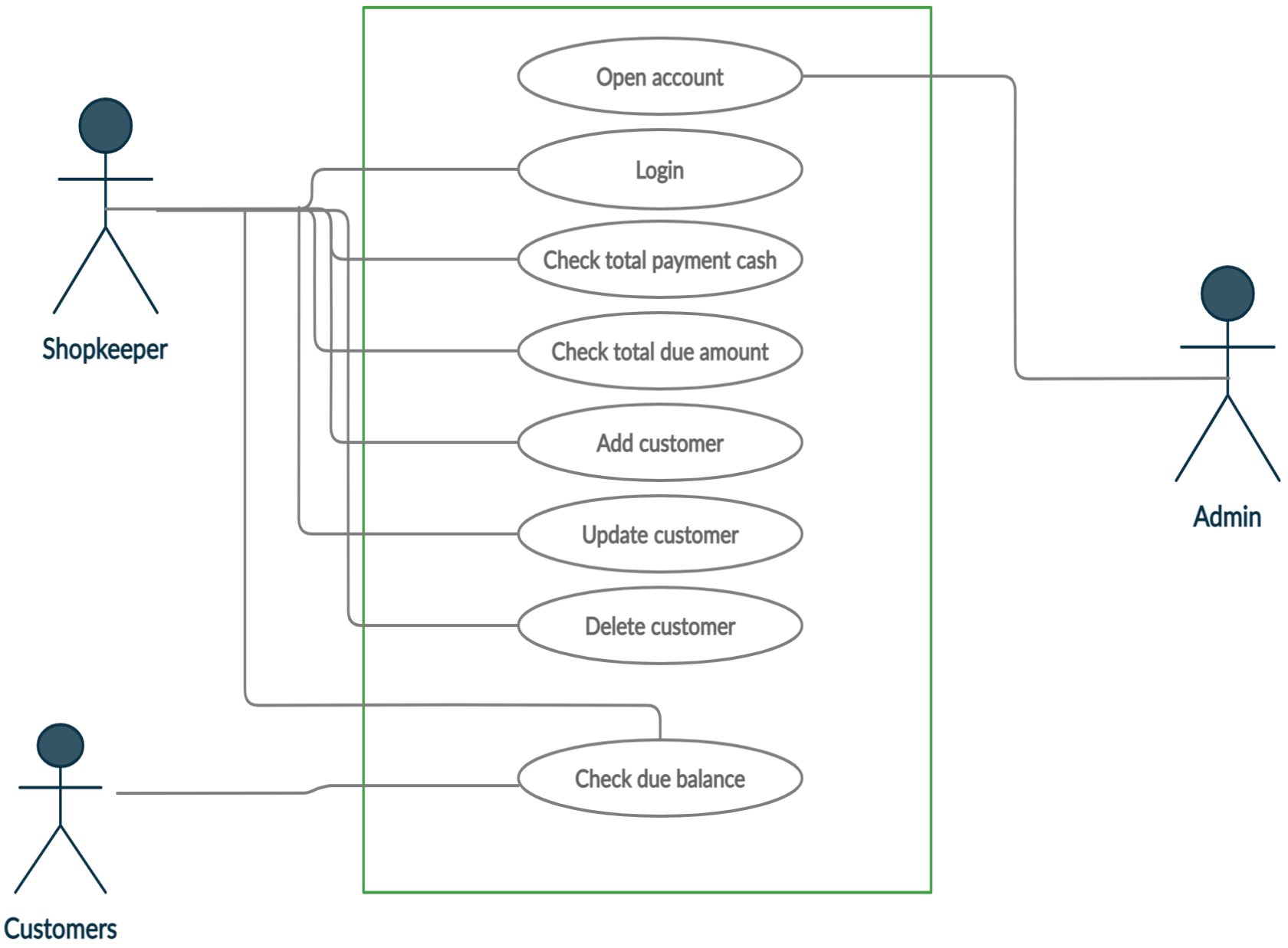
1.The shopkeeper can calculate due money very easily and without note book , pen.
2.It saves time.
3.It accurately calculate every customers due money.

Gantt Chart for project timeline/schedule



Figures 0

Use-case Diagram



Figures 1

Use-case description

Use Case Name	Open account
Actor	Admin
Use case description	Any shop owner can registration and log in by the admin.
Precondition	User have a email id , password.
Postcondition	Null

Use Case Name	Login
Actor	Shopkeeper
Use case description	After complete the registration then login.
Precondition	User must be registrar.
Postcondition	Null

Use Case Name	Check total payment cash
Actor	Shopkeeper
Use case description	Shop owner calculate how many product are sell in cash in a day.
Precondition	User must be log in in the system
Postcondition	Null

Use Case Name	Check total due amount
Actor	Shopkeeper
Use case description	Shop owner calculate how many product are sell in due amount in a day.
Precondition	User must be log in in the system
Postcondition	Null

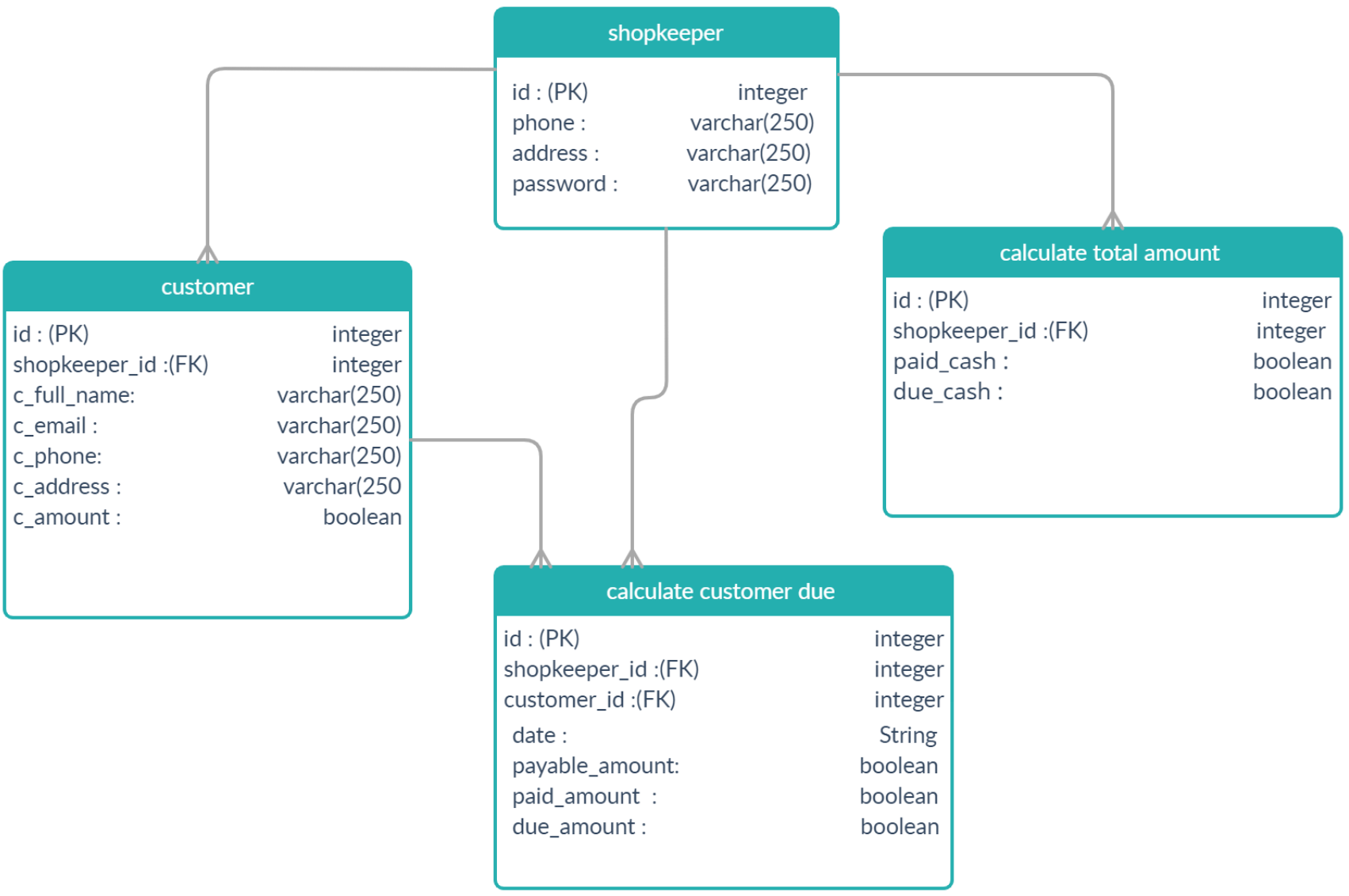
Use Case Name	Add customer
Actor	Shopkeeper
Use case description	Shop owner want to add any customer for due money
Precondition	User must be log in in the system and know customer information
Postcondition	Null

Use Case Name	Update customer
Actor	Shopkeeper
Use case description	Shop owner can update customer information.
Precondition	User must be log in in the system and know customer id for update.
Postcondition	Null

Use Case Name	Delete customer
Actor	Shopkeeper
Use case description	shop owner can delete customer .
Precondition	User must be log in in the system and know customer id for delete.
Postcondition	Null

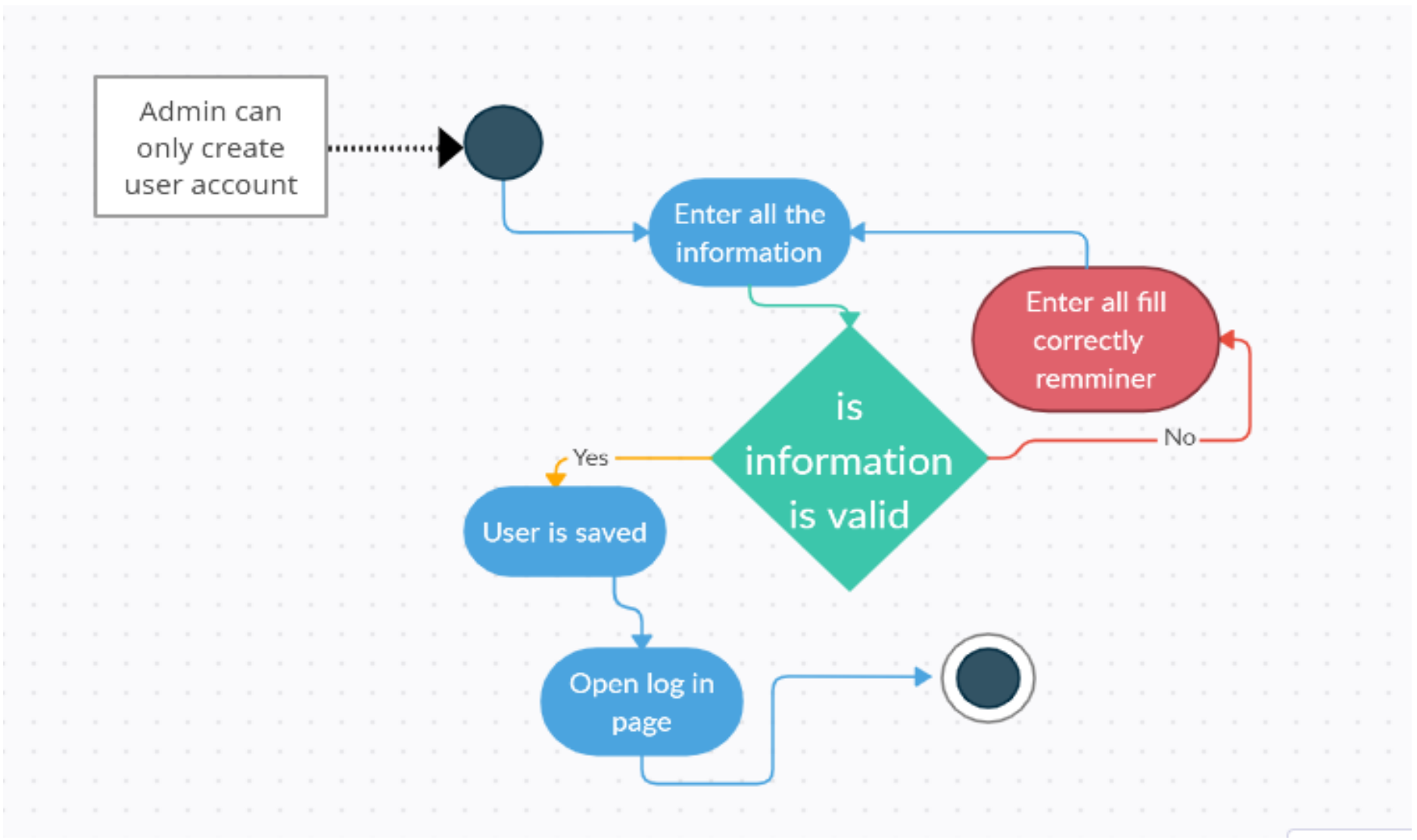
Use Case Name	Check due balance
Actor	Shopkeeper , Customer
Use case description	customer can see her how many due amount
Precondition	know customer id.
Postcondition	Null

DB Schema Diagram :

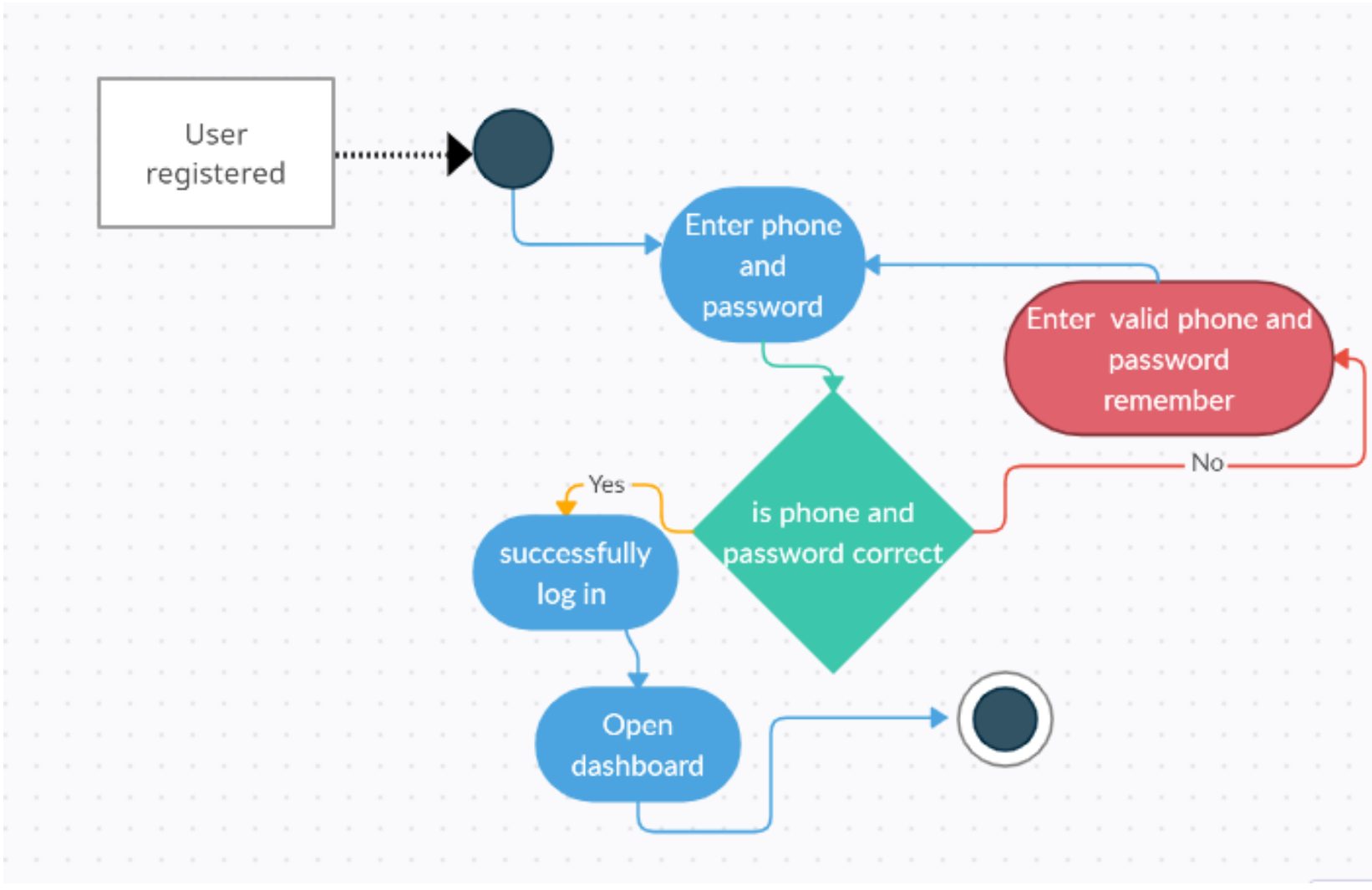


Figures 2

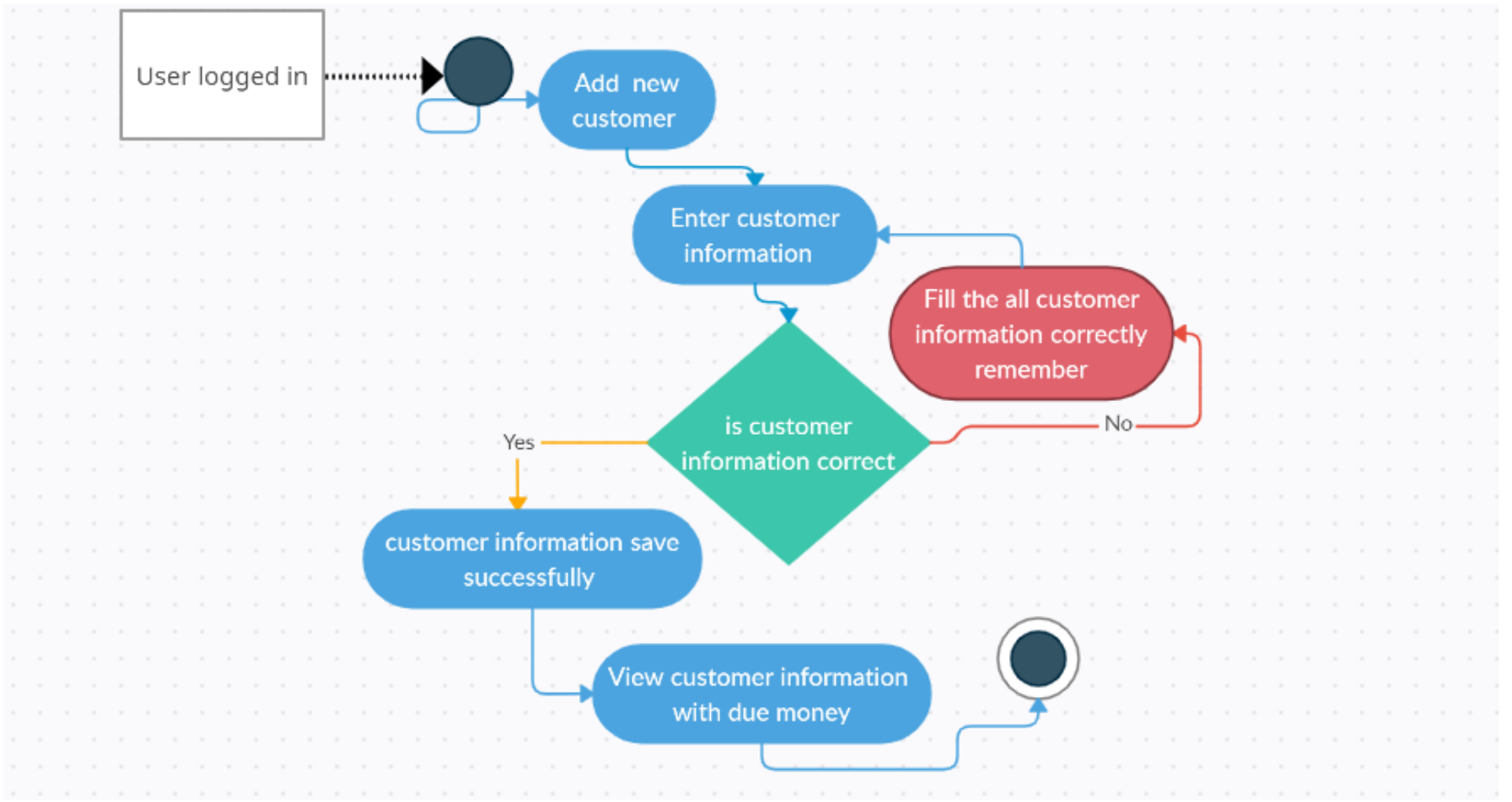
Activity diagram



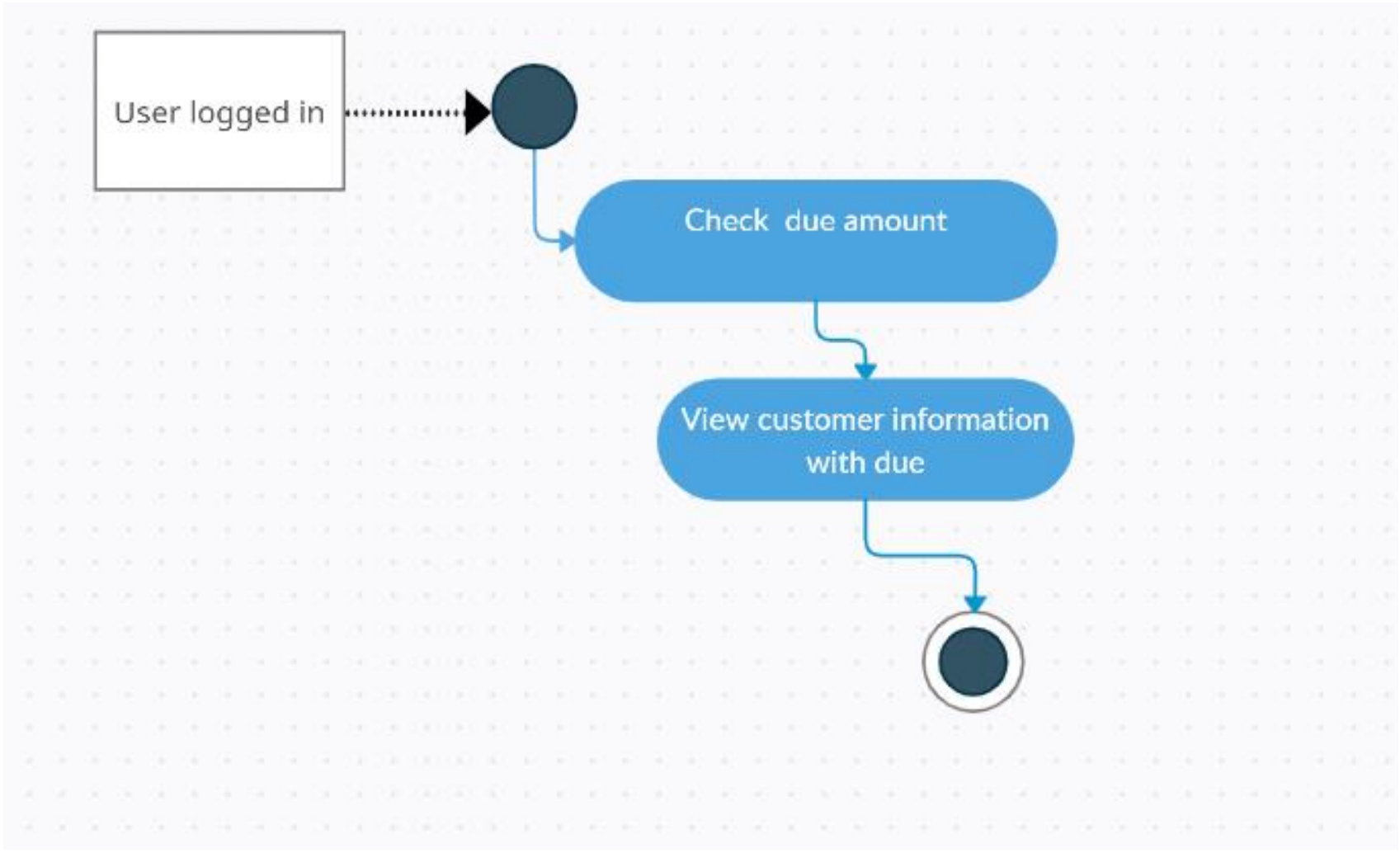
Figures 3



Figures 3.1



Figures 3.2



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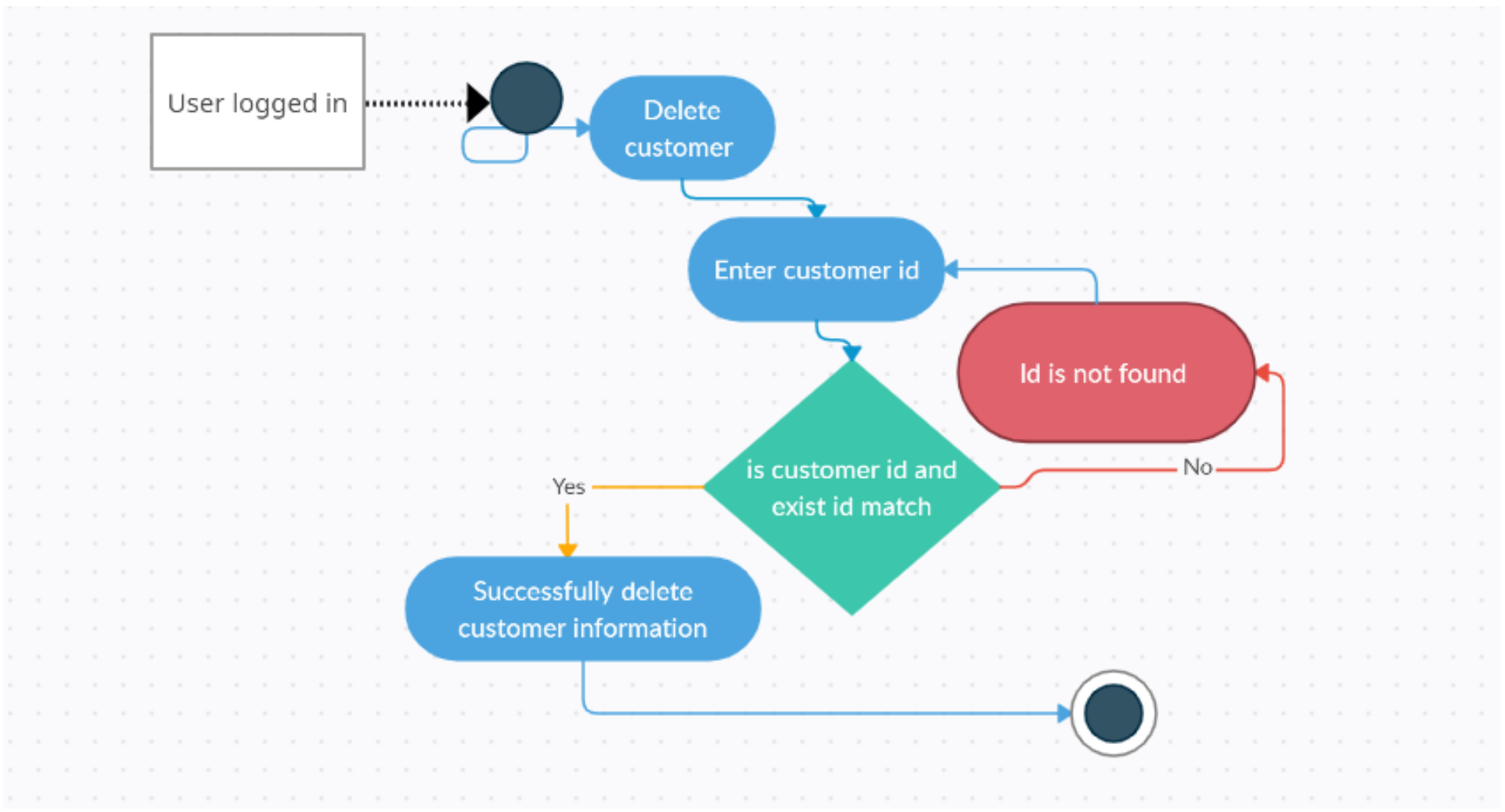

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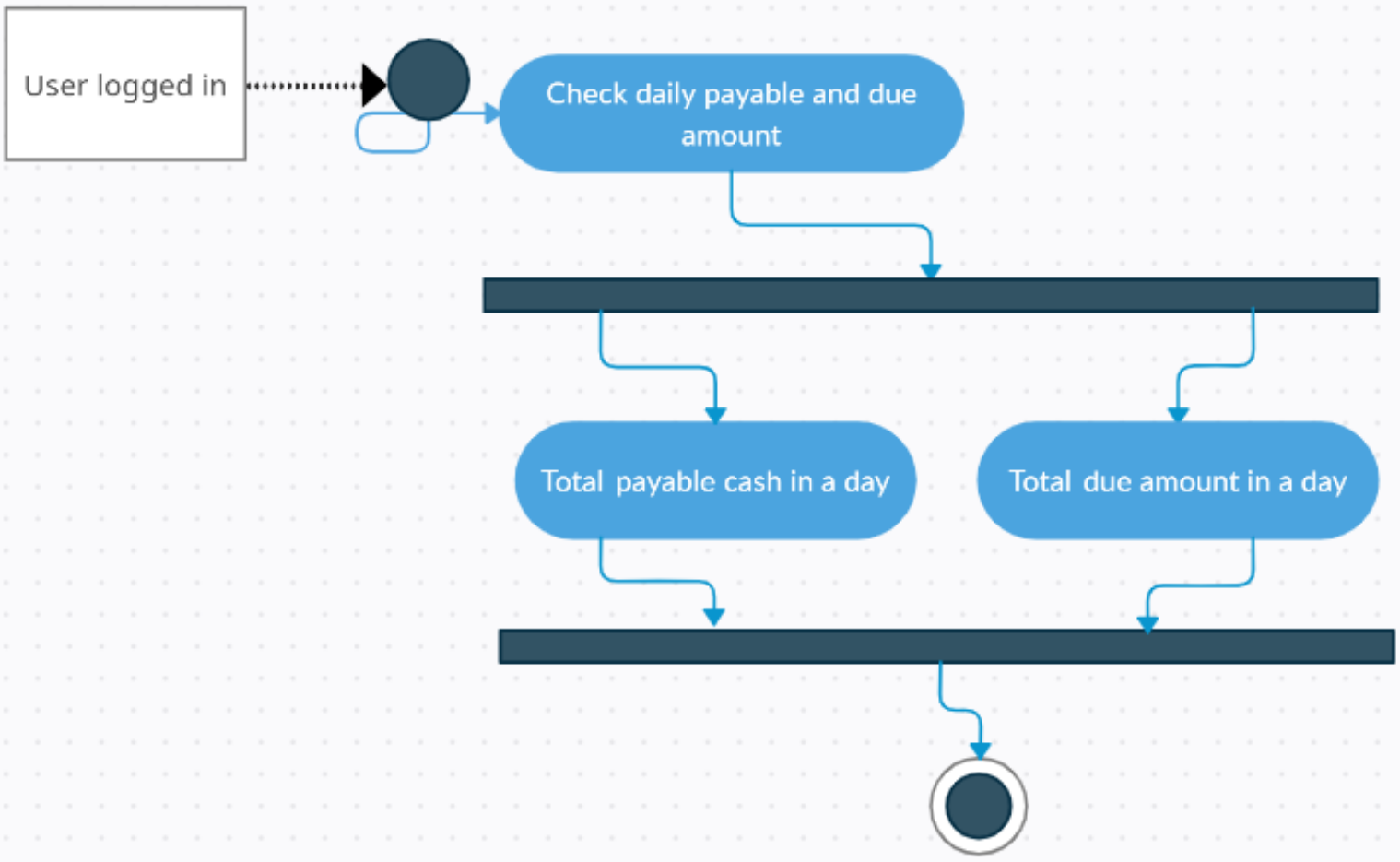

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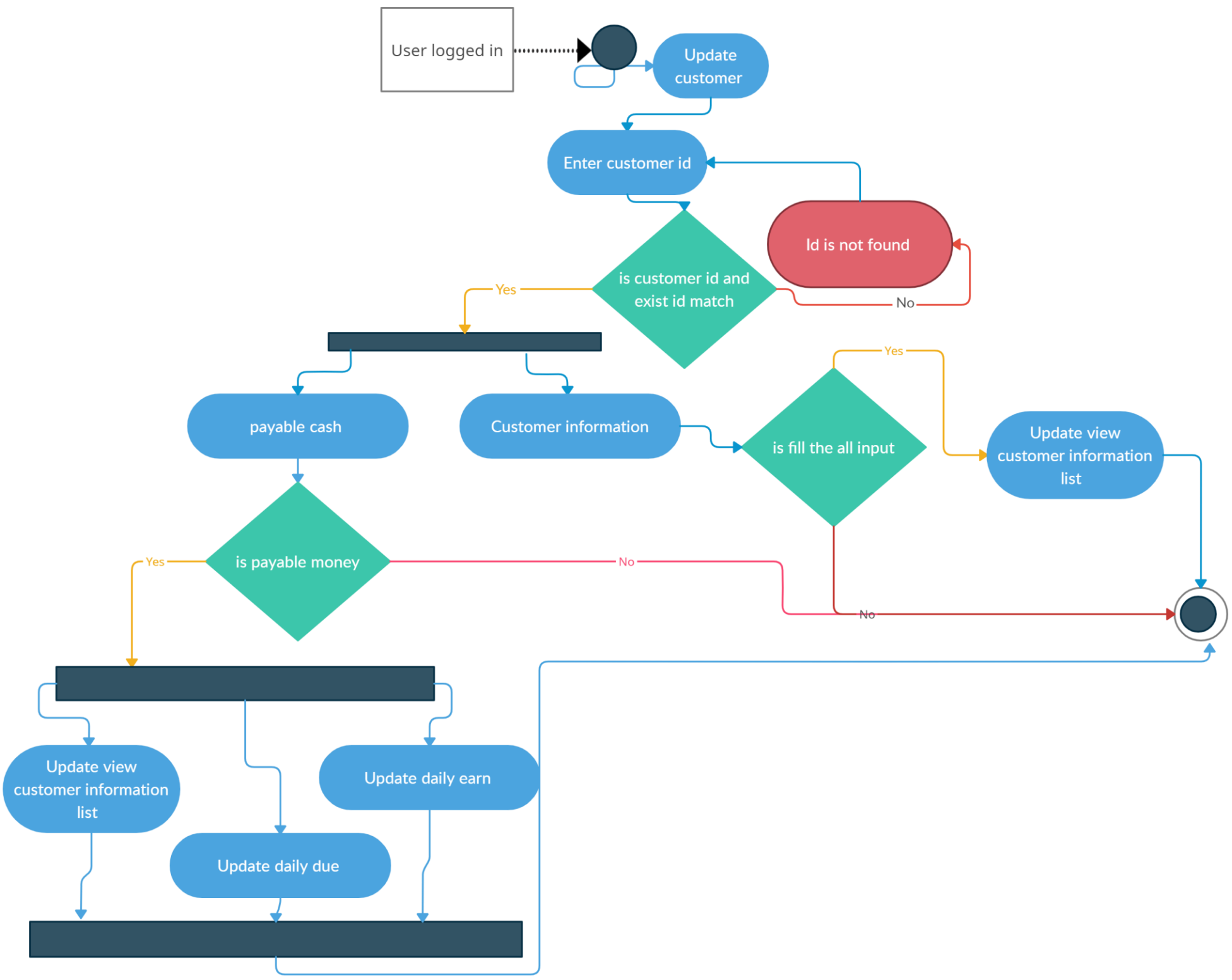
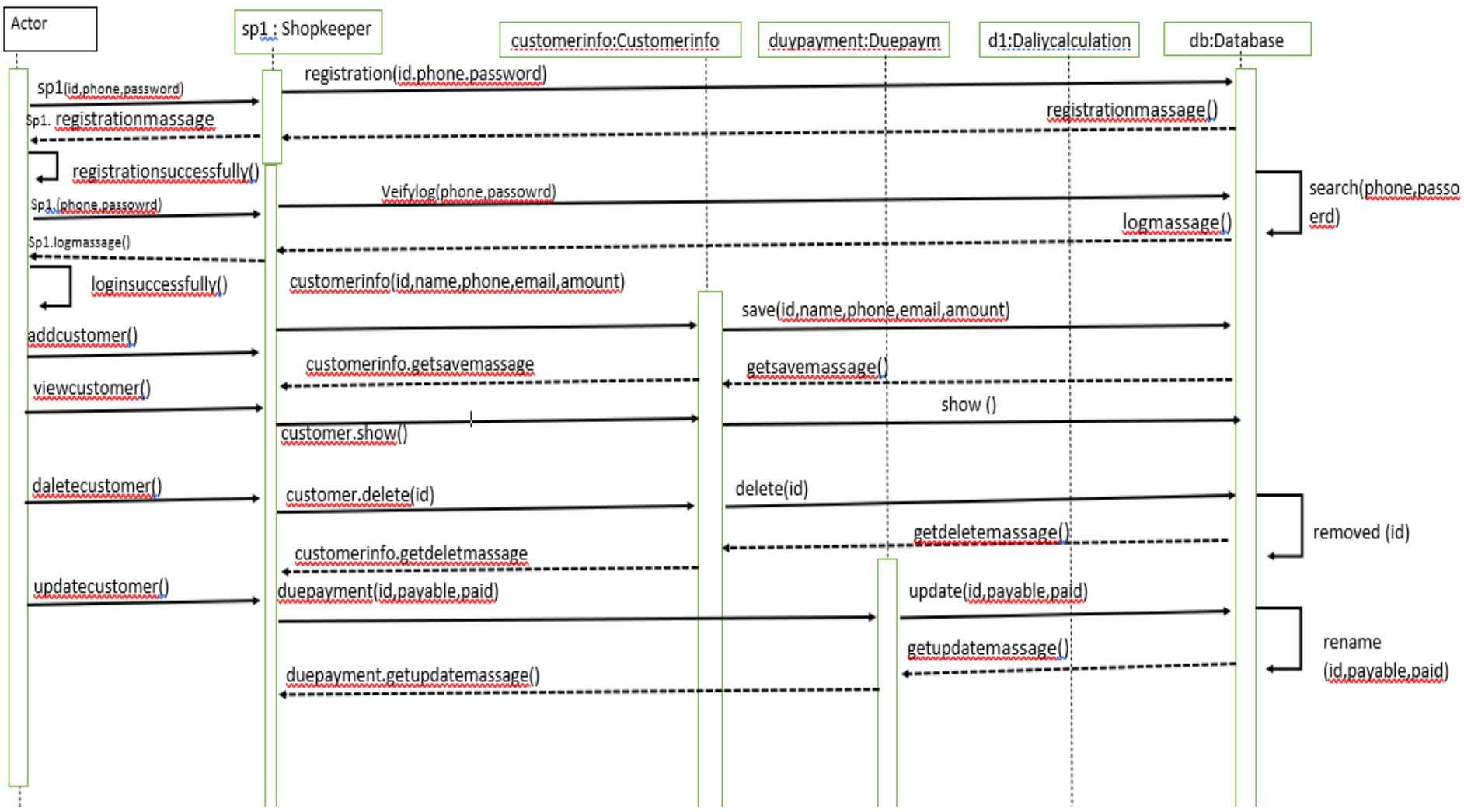


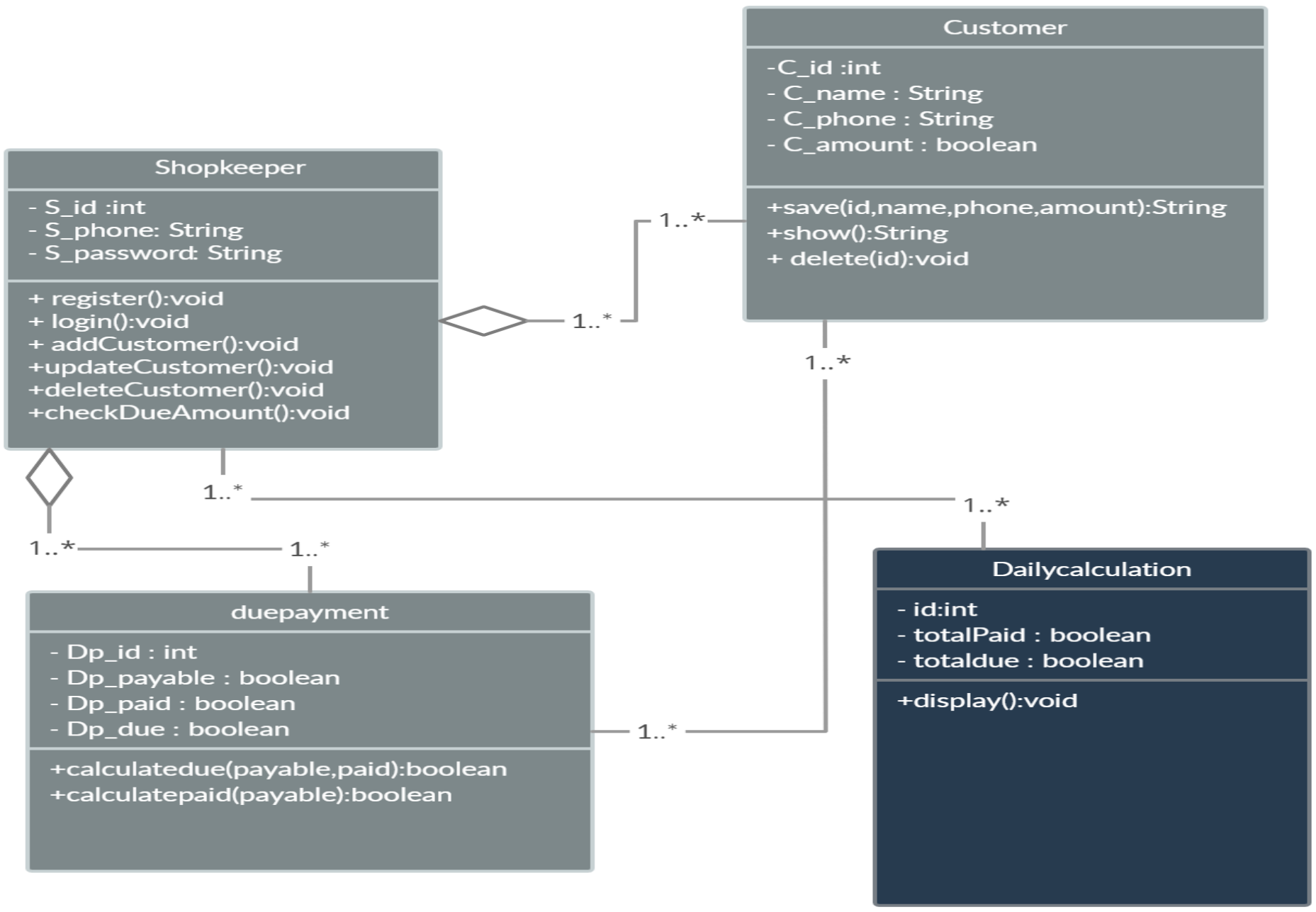
Figures 3.6

Sequence diagram :



Figures 4

Class diagram :



Figures 5

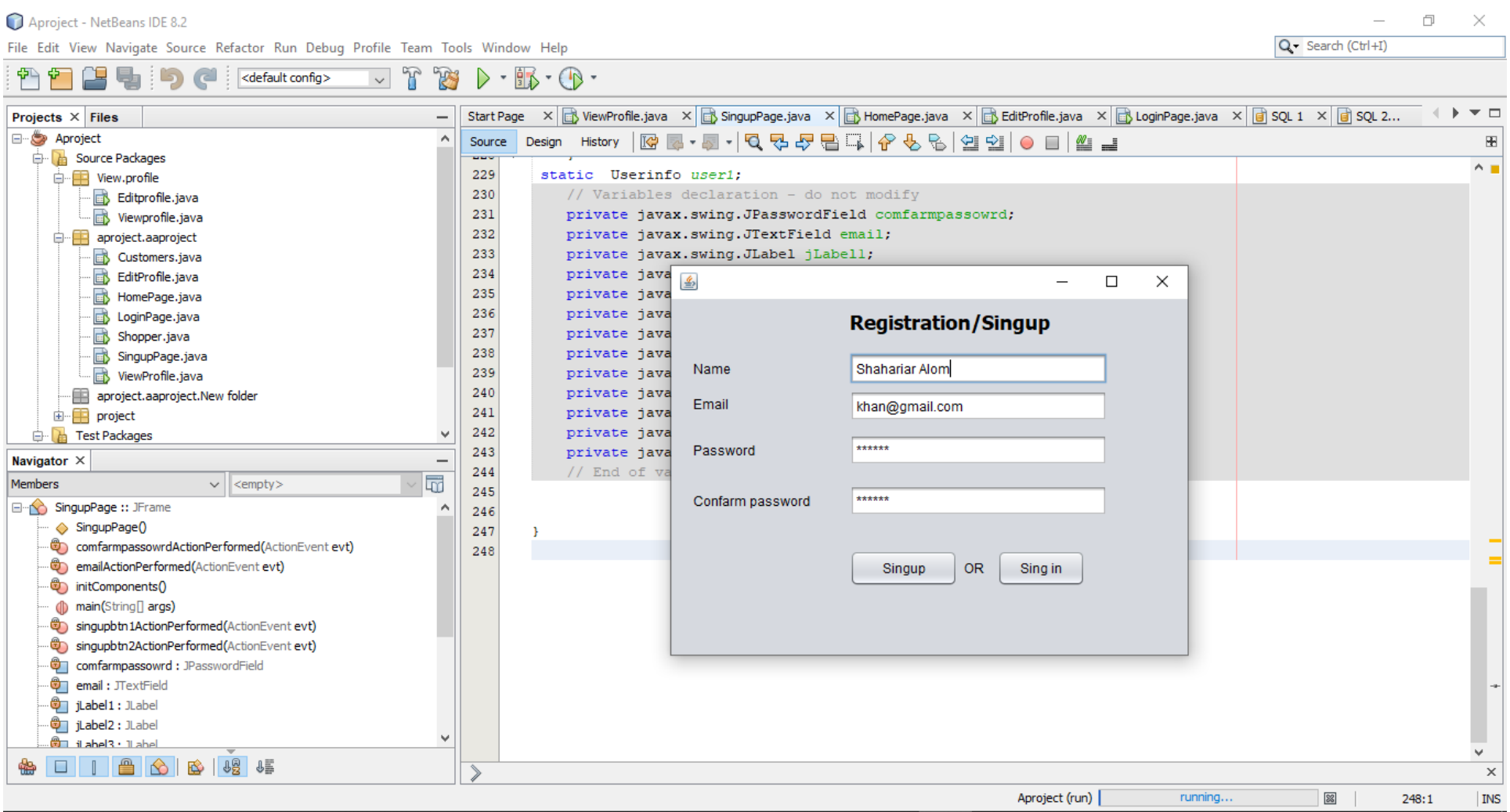
Technology :

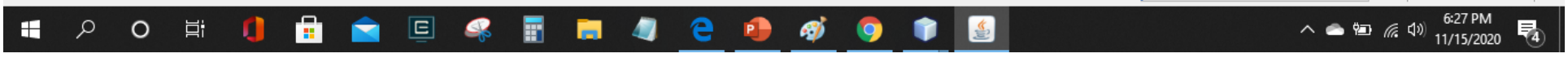
Programming language (Java Swing)

Database is Sql

Code link with github :
https://github.com/Shahariar348/java

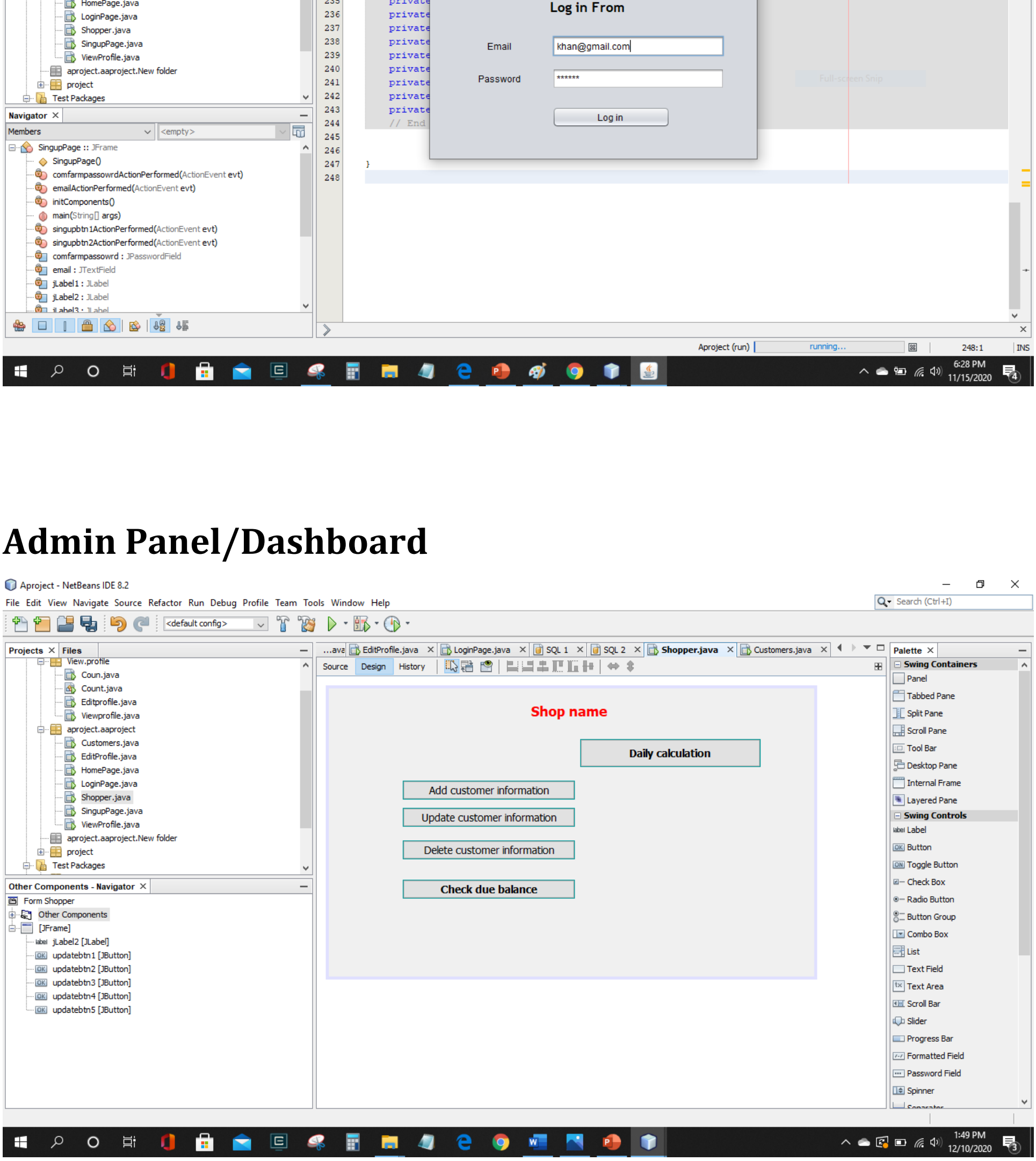
Registration UI :



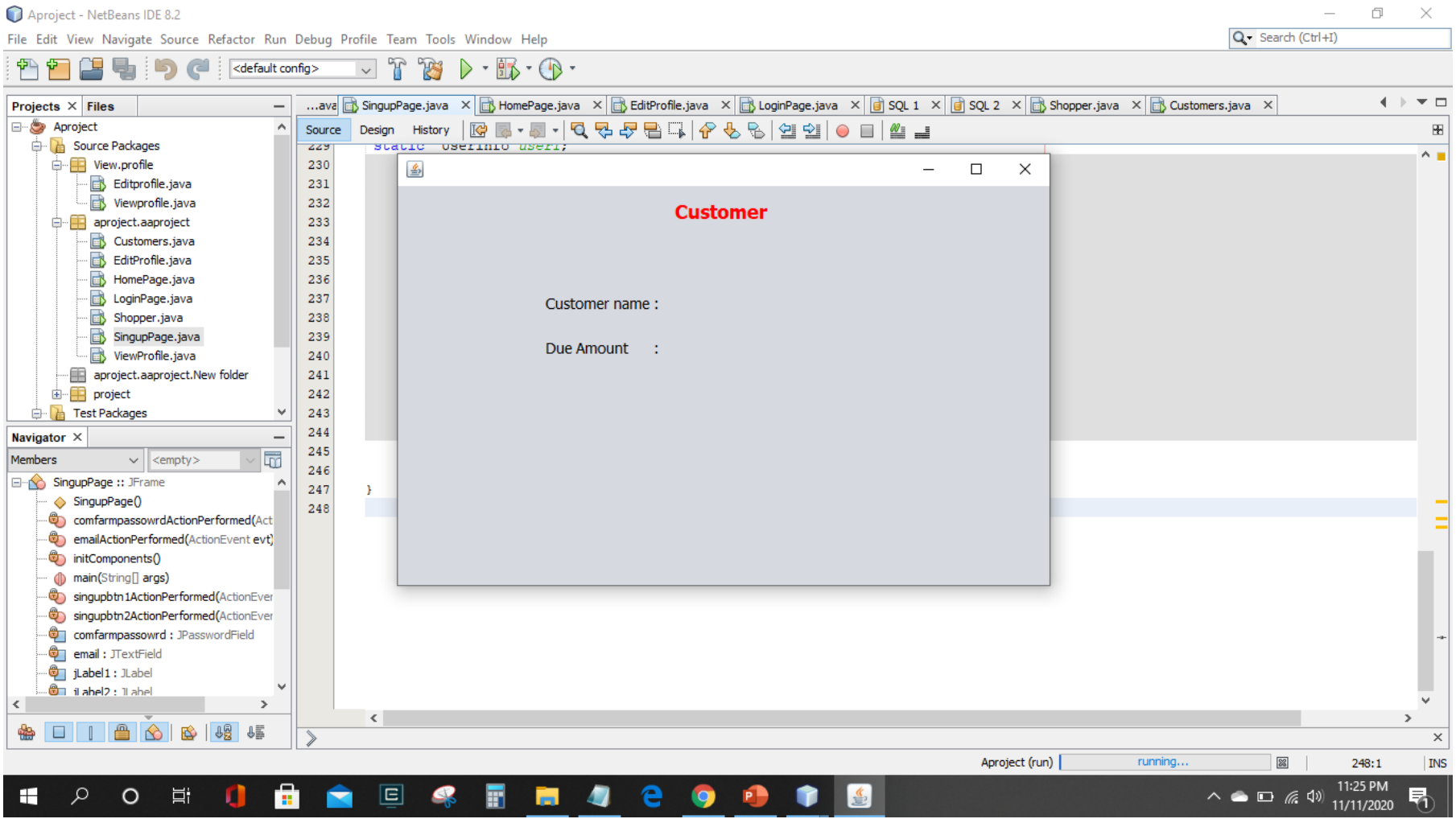


Log in UI :

Admin Panel/Dashboard



Members' Panel



Conclusion :

https://github.com/Shahariar348/projectfolderwithfile

Future work

I was fished my work registration page , log in page home page , view profile and update profile with code .

I still have a lot of work left to do add customer page ,delete customer page ,update customer page , check due balance