



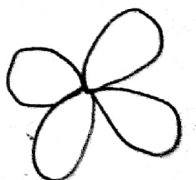
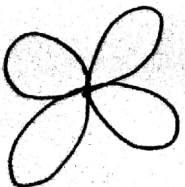
SALES

MANAGEMENT

SYSTEM

GROUP MEMBERS (CS-4)

1. Vidisha Singh — 1605254
2. Aishwarya Kumar — 1605255
3. Dhritish Roy — 1605270
4. Pranjal Kumar — 1605274
5. Nirnay Rath — 1605289



Abstract

The project "Sales Management System" is an android application meant for managing sales for Desire Foundation. It mainly focuses on basic operation of foundation like placing order by customers, updating purchase details by interns. and adding/removing intern and admins by admins.

"Sales Management System" is an android application with minimum android version requirement of 4.1, designed to help the members of Desire maintain and organise their sales record.

Our software is easy for both beginners and advanced users. It features a familiar and well-thought-out and attractive user interface.

Who is it for :-

The app is aimed at members of Desire foundation and its' customers.

The app will consist of 3 types of views:-

1.) Admin view

2.) Intern view

3.) User view

Components :-

It consists of the following modules:-

- 1.) Admin functionality
- 2.) login
- 3.) Sales record
- 4.) Pre order.

Technical specifications:-

Minimum android version of Lollipop 5.0

S.R.S.

Functional requirements :-

R1: User Management

•> Admin -

- can add and remove interns
- can add and remove admins

•> Intern -

- can provide email and password for login

•> Customer -

- can place order.

R.1.1: Login

Input: Enter the email id and password

Output: Customers and interns will be able to use the application

R2: Placing order for merchandise by customer

R.2.1: Merchandise

- Description: List of products with their price will be displayed

R.2.2: Order

Input: Enter customer details like

name, address, product, units, phone no.

Output: Receipt will be generated

Processing: Details will be stored in database.

R.3: Update details of sales of merchandise by intern.

R.3.1: Sales record

Input: Customer details such as address, name, phone no., and order details like product, units with price.

Output: Update the sales record.

R.4: Managing members by Admin.

R.4.1: Add/Remove intern

Input: details of intern

Output: Registration confirmation.

R.4.2: Add/Remove admin

Input: details of admin

Output: Registration confirmation.

Non Functional Requirements

• Usability Requirement -

The system shall allow the users to access the system from the phone using android application. The system uses a android application as an interface. No special training is required. The system is users friendly which makes the system easy.

• Availability Requirement -

The system is available 100% for the user and is used 24 hrs a day and 365 days a year. The system shall be operational 24 hour.

• Efficiency Requirement -

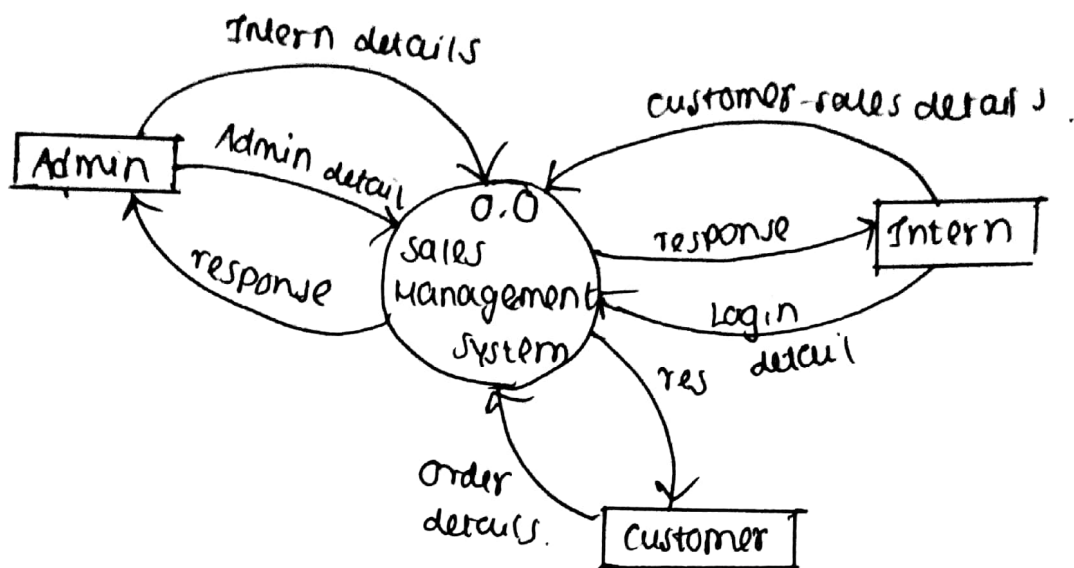
Mean time to repair - Even if the system fails, the system will be recovered back up within an hour or less.

• Accuracy

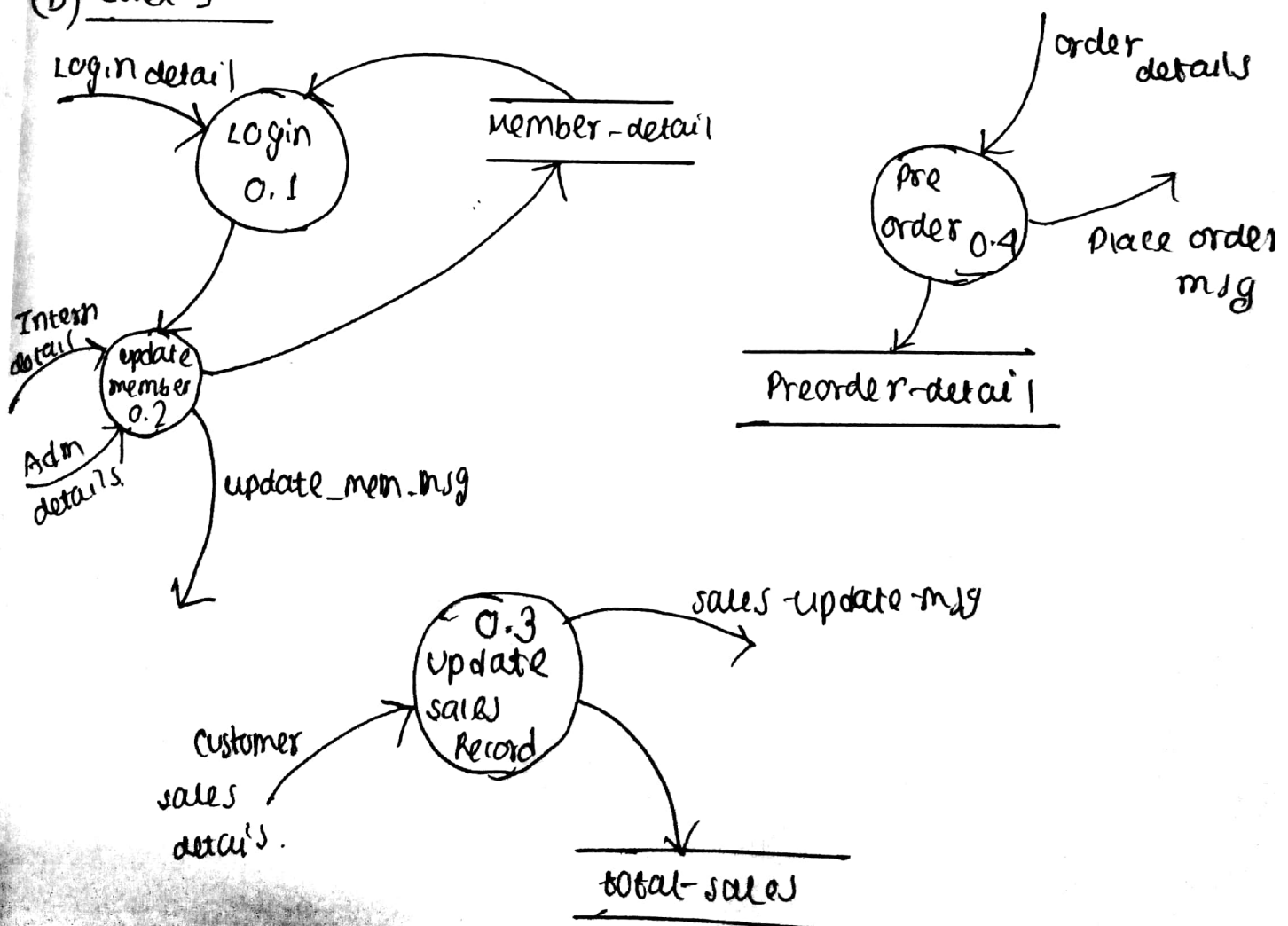
The system should accurately provide real time information taking into consideration various concurrency issues. The system shall provide 100% access Reliability.

Data Flow Diagram

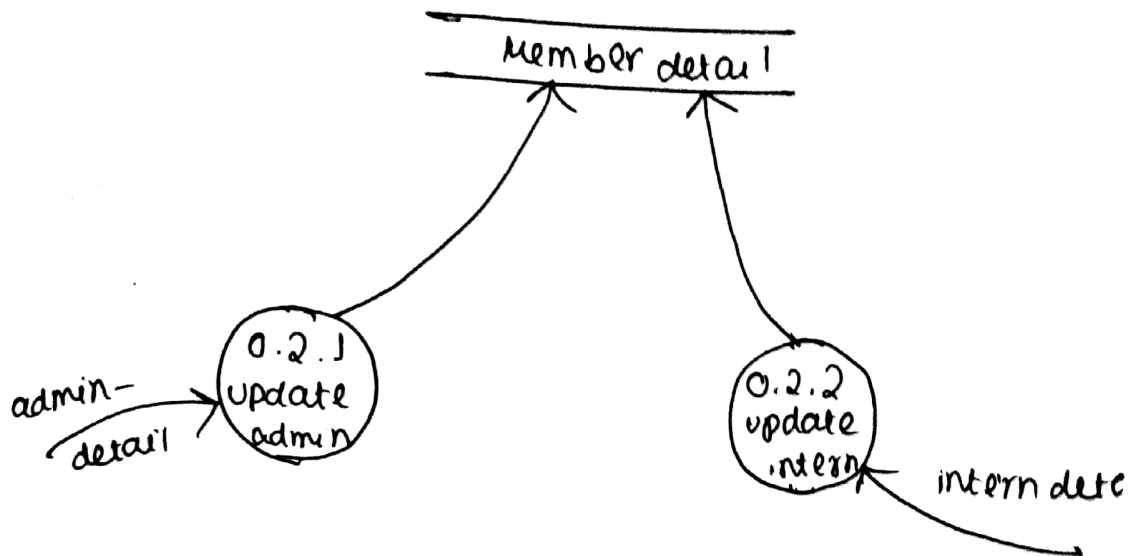
(a) Level 0



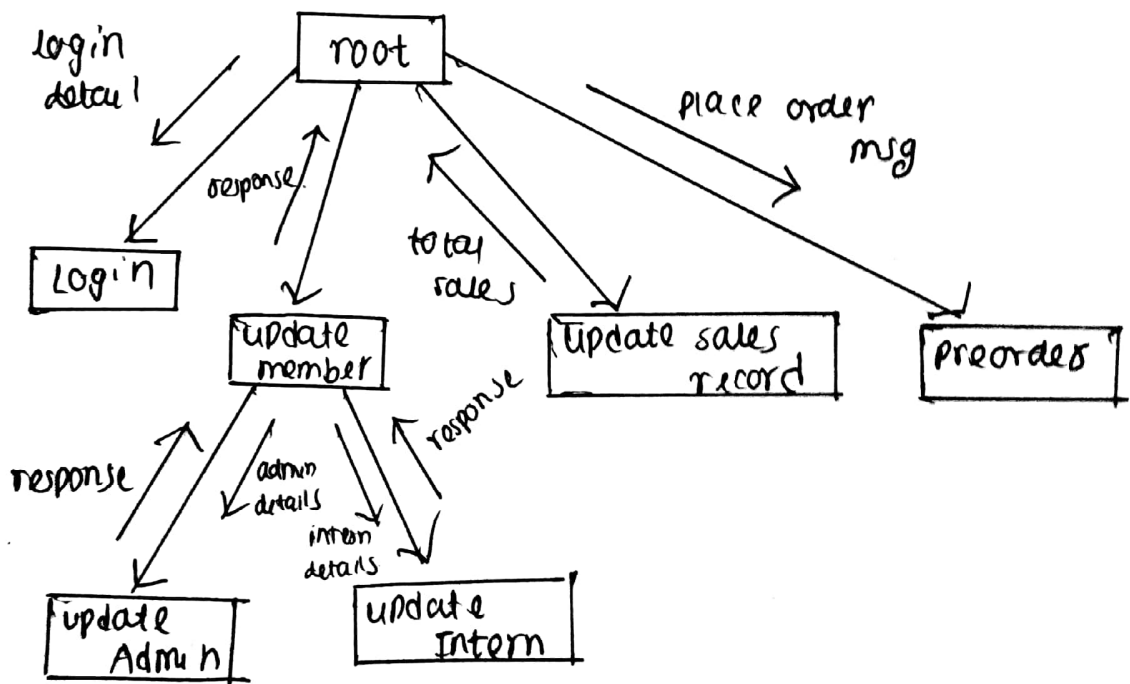
(b) Level-1



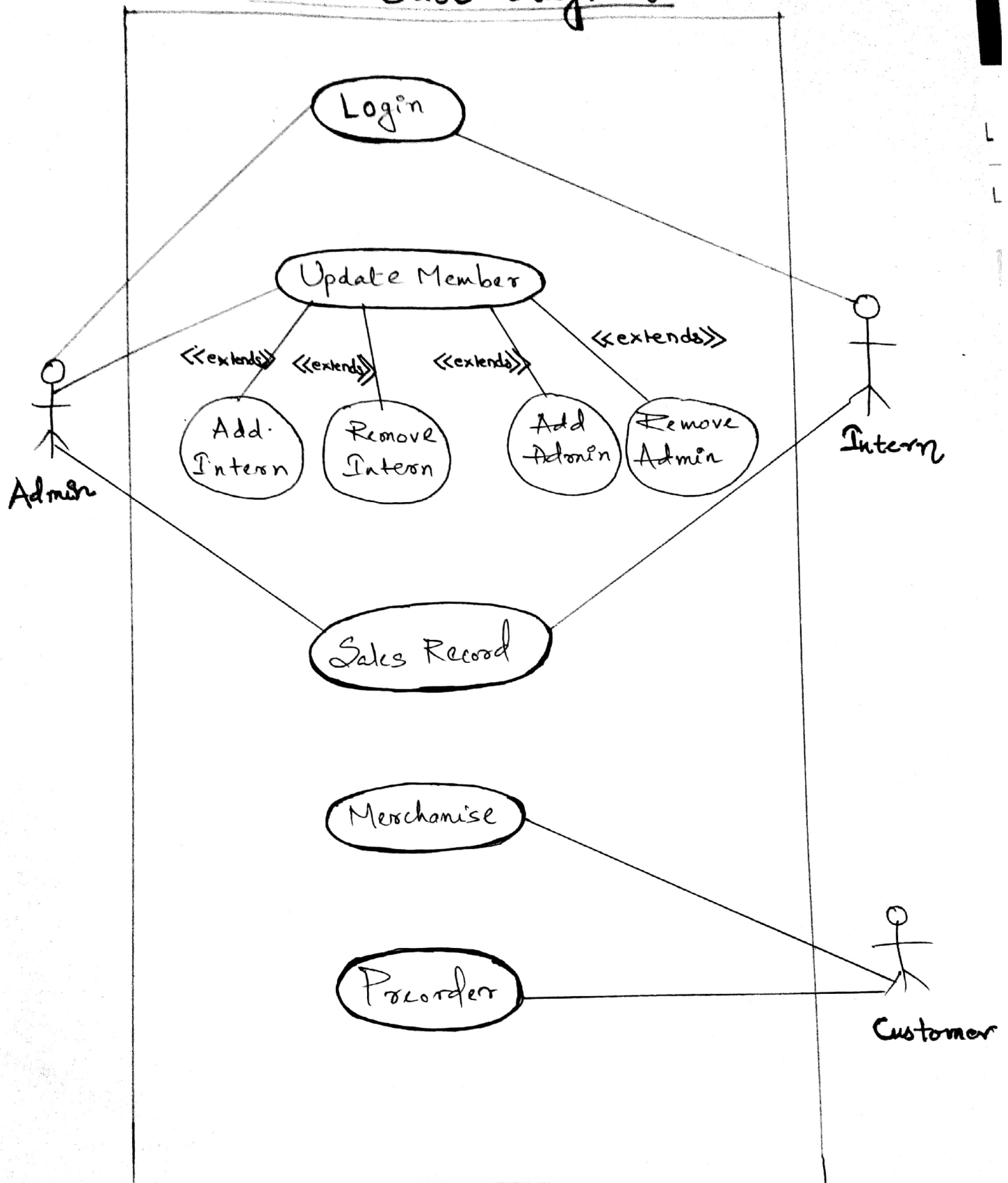
Level-2



Structured Chart



Use Case Diagram



Text description:-

U₁: login - Using this usecase, the Intern/Admin can login into the application.

Scenario 1 :-

- 1.) Customer / Admin :- select login option.
- 2.) System :- Display prompt to enter email address and password.
- 3.) Customer / Admin / Intern :- Enter the necessary values.
- 4.) System :- Display the message successfully logged in.

Scenario 2 :- At step 4 of mainline sequence

system : Display the message that the customer that some input information is missing.

U₂ : Update Member :- Using this use case, admin can add / remove admin & intern.

Scenario 1: Mainline Sequence

1. Admin : select add / remove option
2. System : display prompt to enter details or remove member.
3. Admin : Enter necessary values to add member.
4. System : display message that updation successful

U3: Sales Record: Using this use case, intern & admin can update details of purchase made by customer.

Scenario 1: Mainline sequence

- 1.) Admin/Intern: select update sales record option.
- 2.) System: display prompt to enter the purchase details along with customer details.
- 3.) Admin/Intern: Enter required details.
- 4.) System: display message updation Successful.

U4: Merchandise: Using this use case customer can view all the available products with price.

Scenario 1: Mainline sequence.

- 1.) Customer: select Merchandise option.
- 2.) System: display all available product and prices.

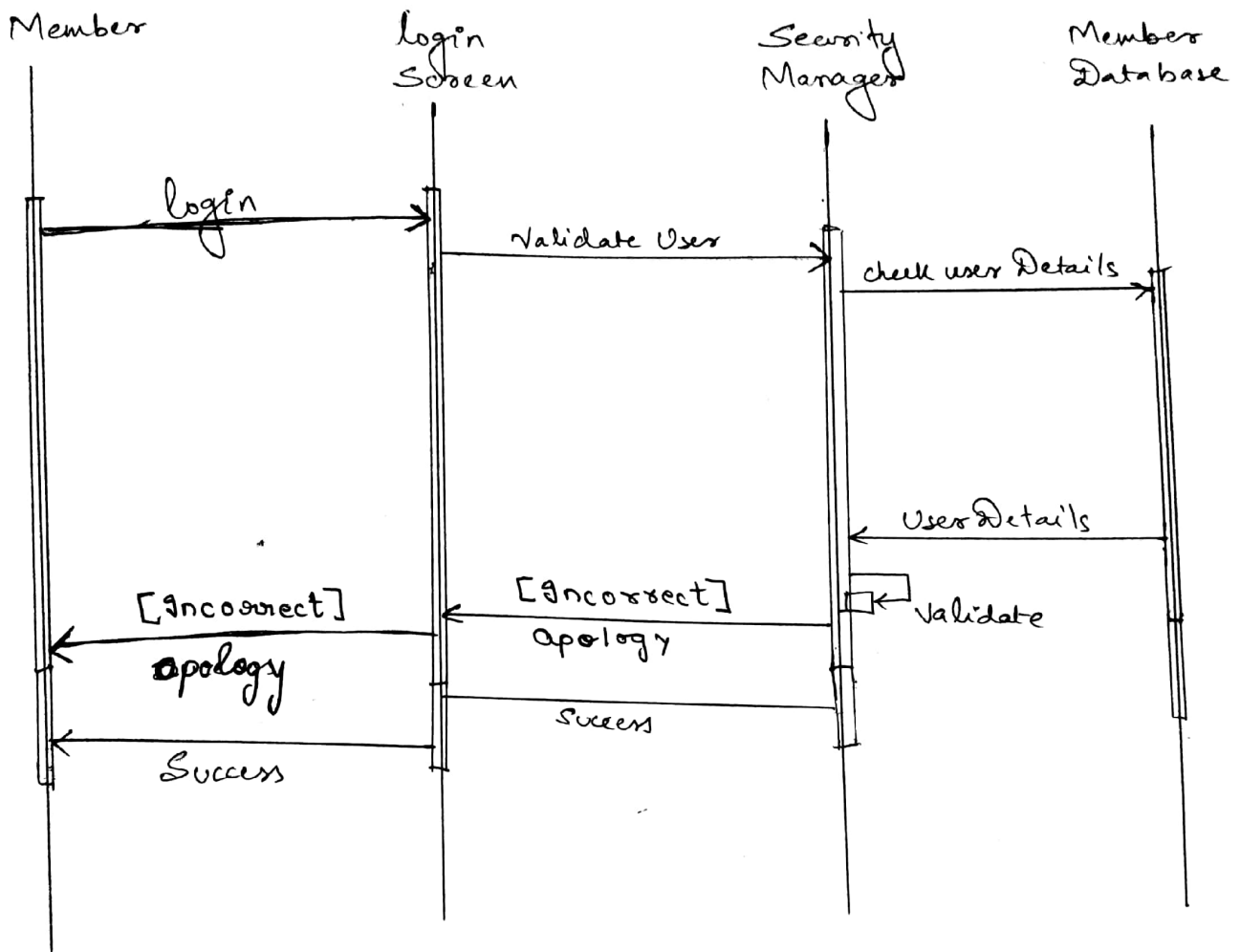
U5: Preorder: Using this use case customer can place order.

Scenario 1: Mainline Sequence.

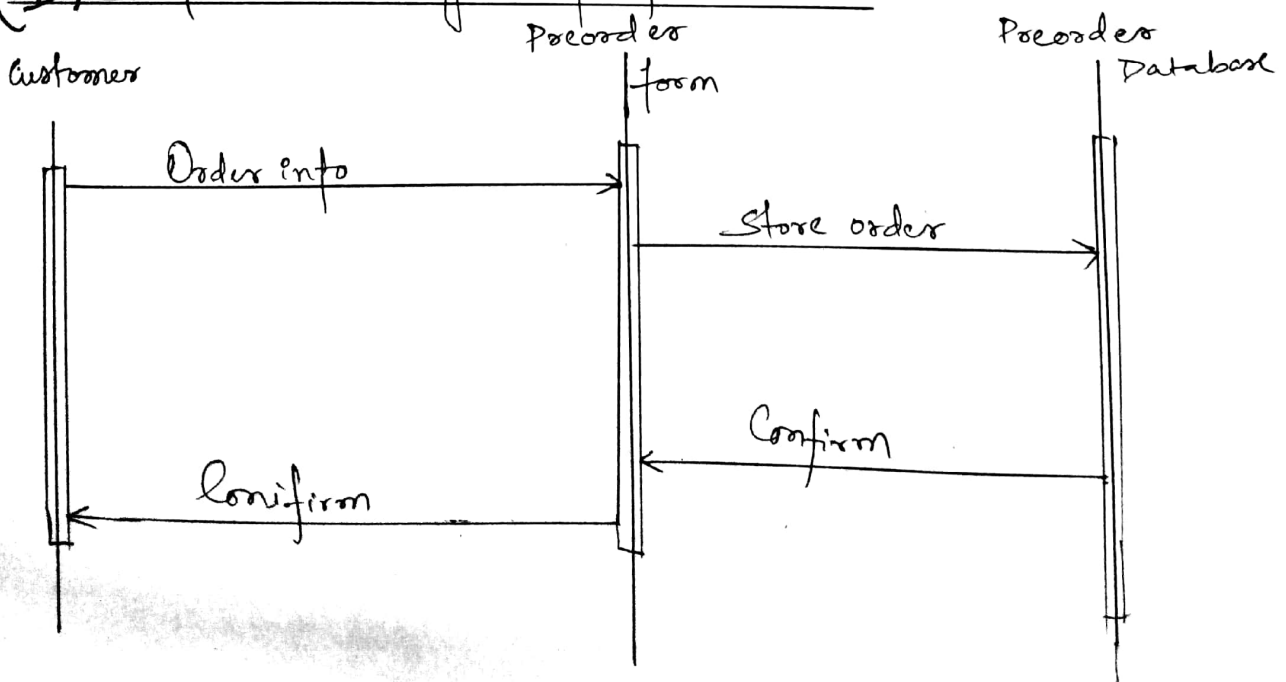
- 1.) Customer: select preorder option.
- 2.) Select -: display prompt to enter the order details.
- 3.) System :- display message for order successfully placed.

Sequential Diagram

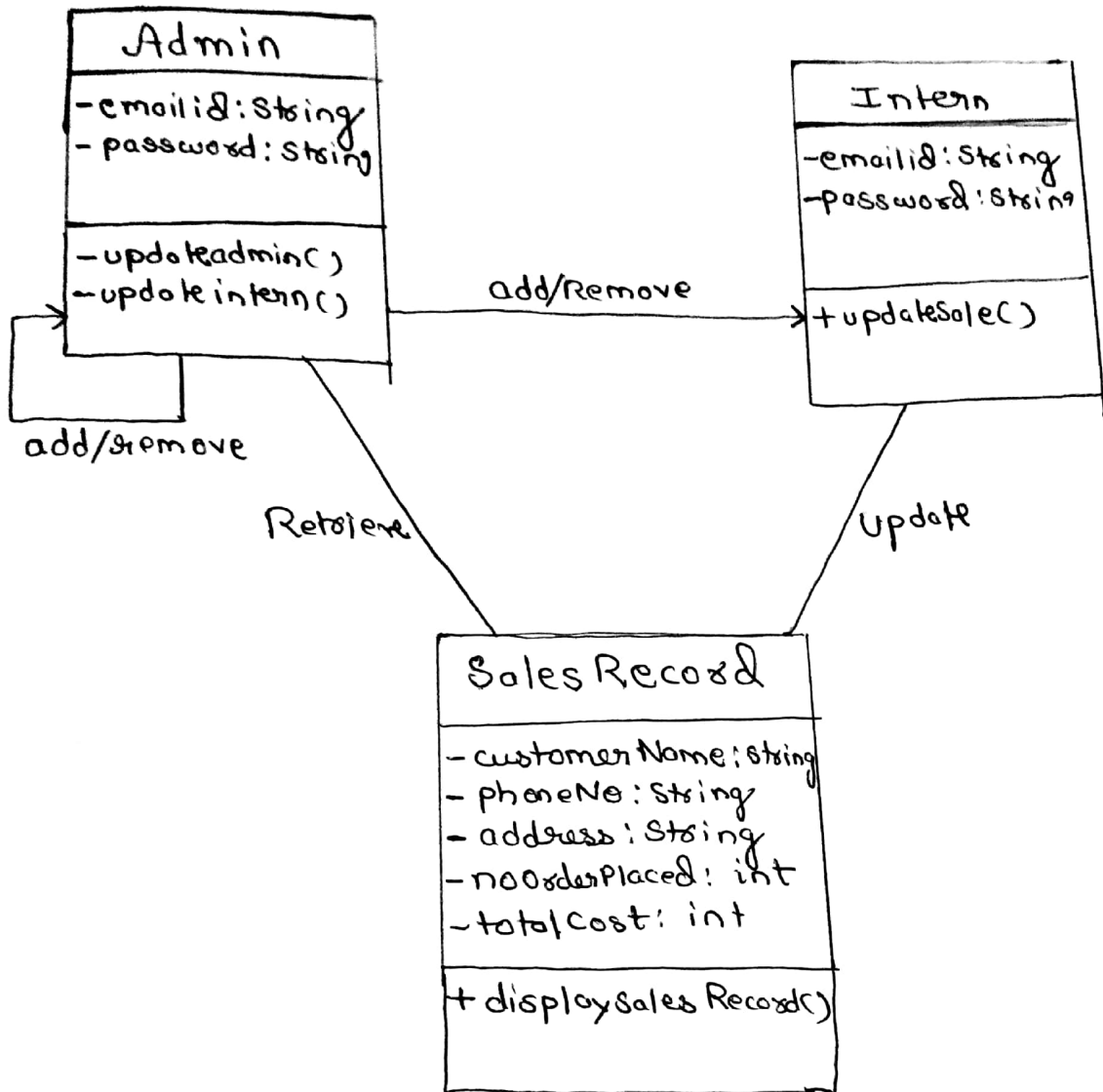
(I) Sequential diagram for login :-



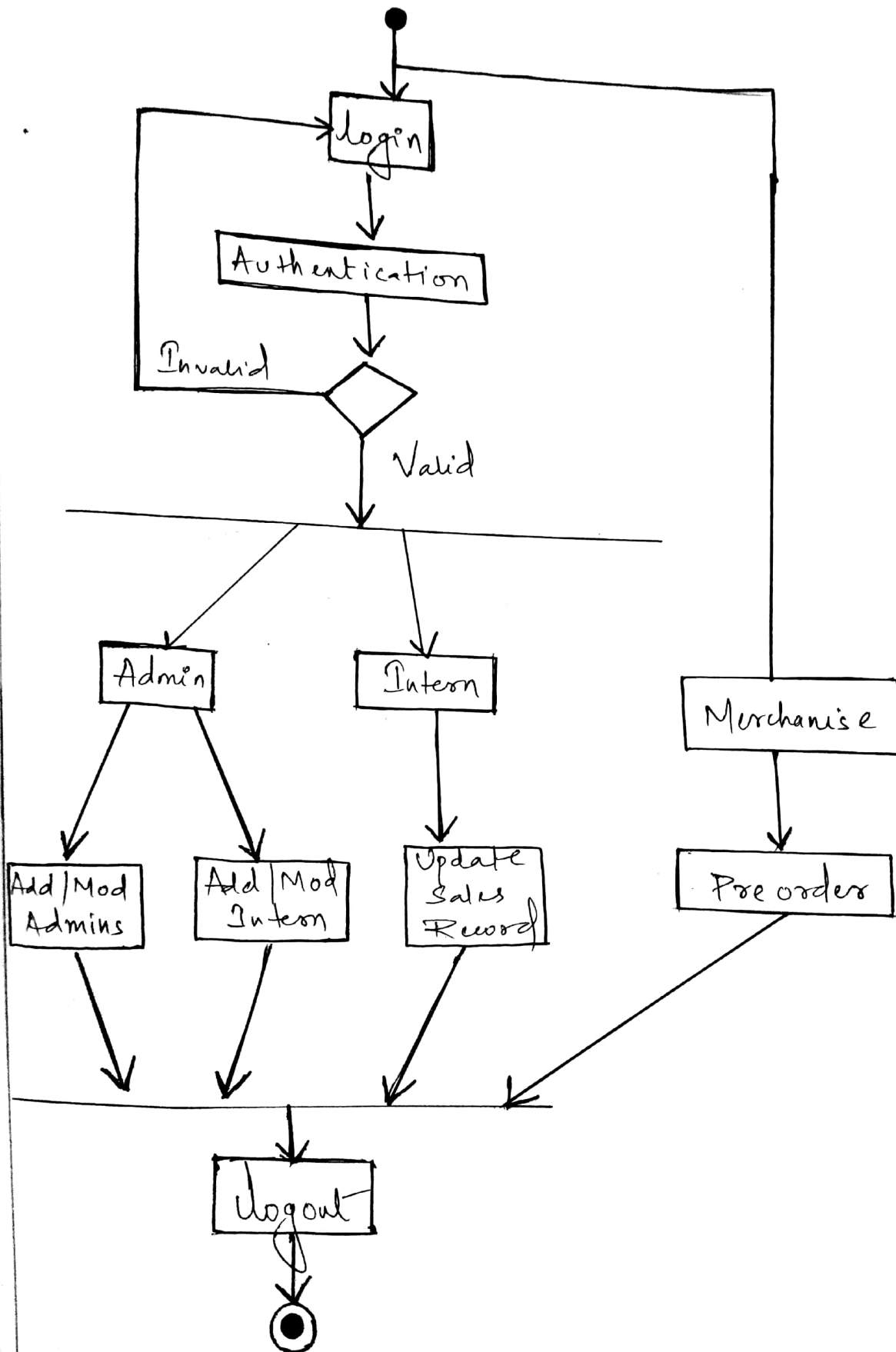
(II) Sequential diagram for preorder:-



Class Diagram



Activity Diagram



Test Document

Sl.no	Test Case Name	Test Procedure	Pre Condition	Expected Result	Reference to Detailed Design
1.	login-all-blank	All Fields are kept blank and click on 'Login...'	None	Display an Error message and prompt user to enter all details. (Negative Test Case)	Login Module
2.	login-one-blank	Either email or password field kept blank and click on 'Login...'	None	Display an Error message & prompt user to either email required... or password required. (Negative Test Case)	Login Module
3.	login-all-ok	All Fields are filled and click on 'Login...'	None	Display an Error message & prompt user if incorrect details. (Negative Test Case)	Login Module
4.	login-all-correct	All Fields are filled and click on 'Login...'	None	Display a message Login Successful.	Login Module
5.	Sales-record-missing	Any Field is kept blank and click on 'Submit'	None	Display an error message & prompt user to enter all details (Negative Test Case)	Sales-Record Module
6.	Sales-record-ok	All Fields are filled and click on 'Submit'	None	Display a message Sales Record Updated...	Sales Record Module
7.	Preorder-missing	Any Field is kept blank and click on 'Submit'	None	Display a message and prompt user to enter all details (Negative Test Case)	Preorder Module
8.	Preorder-ok	All Fields are filled and click on 'Submit'	None	Display a message Order Placed Successfully.	Preorder Module.