PROJECT REPORT ON

"Online (FRP) Door Ordering System "

Submitted in partial fulfillment of the requirements of

M.Sc(Computer Science)Semester – II

Developed by:

Miss. Pooja Bahiram

AND

Miss. Panchshila Kharat

Guided by:

Ms. A. D Bhandare

Submitted to :

Department of Computer Science

K.S.K.W. Art's , Commerce & Science College Cidco , Nashik

Department of Computer Science
K.S.K.W. Art's , Commerce & Science College Cidco ,Nashik

Savitribai Phule Pune University

2021-2022

CERTIFICATE

This is to certify that the project title " **ONLINE (FRP) DOOR ORDERING SYSTEM** "has been successfully developed by Miss. Pooja Bahiram and Miss . Panchshila Kharat partial fulfillment of the requirement of M.Sc(Computer Science) Semester-II

Project Guide

Head of Department

13/06/22

Internal Examiner

13/6/22

External Examiner

INDEX

Sr. No	Title	Page No
1.	Introduction	1
2	Existing system	2
3.	Propose system	3
4.	Scope of the project	4
5.	Feasibility study	5
6.	Propose H/W and S/w platform	6
7.	Databases Dictionary	7
8.	Entity relationship diagram	13
9.	Activity diagram	14
10	Use Case diagram	15
11.	Class Diagram	16
12.	Component Diagram	17
13.	Sequence Diagram	18
14.	Conclusion	19
15.	Bibliography	20

Introduction

This project is an android based door ordering system. The project objective is to ordering the online FRP door application into android platform.

Online FRP door is the process where by consumers directly order FRP door form this application. It is a form of electronic commerce. This project is attempt to provide the advantages of online FRP door ordering to customer of a real shop. It helps buying the product shop anywhere through the internet by using an android device.

Existing system

The existing system refers to the system that is currently being followed by the door ordering. Presently all the functionality are done manually. If customer wants to order an products he should visit the shop to select door Order door item, pay for the item and get the door product slip. Then he should go to the door counter to get the door taking the bill. Then only we can get the door. This makes the person quite difficult and tedious since they must stay in the queue. The main disadvantage is time consuming

Propose system

Our proposed system is an online FRP door ordering system that enables ease for the customers the proposed system objective to overcome all the limitations and drawbacks of the existing system. The online FRP door ordering existing system is user friendly application. The main objective of the system is its simplicity of design and easy of implementation that show and help to collect most of the information about door service the system requires very low system resources and the system will work in almost all configuration. The data can be retrieved easily. The interface is very user friendly the data are well protected for personal use and data processing is very fast . The payment can be made online or pay-on-delivery system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password.

Scope of the project

Here we overcome drawbacks of existing system by using applications . It is easy to maintain all the information about the shop, customer and the product. The system will reduce the efforts of sellers and also it makes updating and deleting the data easy.This system provide online ordering of frp door .It provides different types of door. Customer can choose one or more items to place an order which will add to cart. The admin panel to manage and update the orders. Strong username and password.

Feasibility Study

Feasibility study preliminary investigation where we check the.

Project is feasible or not for development. Check the required resources availability. Check the overall cost for development the Project and final send the ideal study to management. There are 3 parts in feasibility study.

1) Operational Feasibility

This application is very easy to operate as it is made user friendly with the help of very effective tools main consideration in user easy access to all the functionality on the application. This application should be word accurate and secure the information. Operational feasibility is the measure of the a proposed system solve the problems. The application will easily to operate as it doesn`t affect the existing organizational structure and support the system so the application will be operationally feasible

2) Technical Feasibility

Technical feasibility centers around the technologically system development techniques such as android studio, Java and SQLite database without any problems. This system all the hardware and software required for developing and installing the system is available with the organization.

3) Economical Feasibility

The system to be developed is economically feasible and the benefit is out weighing the cost. Since this project already computerizes the existing system and more advanced than the current system reduces and change the labor force to computerize system. Reduces the cost of the material used

Proposed H/W & S/W platform

Hardware:-

1. Disk space minimum.
2. 8 GB RAM.

Software:-

1. Android studio.
2. Language: - Java.
3. Database: - SQLite.
4. Windows 11 operating system

Database Dictionary

Register / Login

Field Name	Field Type	Constraint
User_ id	Integer	Primary key
Email	Varchar	Not Null
Password	Varchar	Not Null
C_ password	Varchar	Not Null

Admin

Field Name	Field Type	Constraint
A_ id	Integer	Primary key
A_ name	Varchar	Not Null
A_ email	Varchar	Not Null
A_ mobileno	Integer	Not Null
A_ password	Varchar	Not Null

Customer

Field Name	Field Type	Constraint
C_ id	Integer	Primary key
C_ name	Varchar	Not Null
C_ address	Varchar	Not Null
C_email	Varchar	Not Null
C_mobileno	Integer	Not Null
A_ id	Integer	Foreign key

Product

Field Name	Field Type	Constraint
Pd_id	Integer	Primary key
Pd_name	Varchar	Not Null
price	Integer	Not Null
Size	Integer	Not Null
Color	Varchar	Not Null
A_id	Integer	Foreign key

Product Type

Field Name	Field Type	Constraint
T_ id	Integer	Primary key
T_ name	Varchar	Not Null
C_id	Integer	Foreign key
Pd_id	Integer	Foreign key

Customer_ product Type

Field Name	Field Type	Constraint
C_id	Integer	Foreign key
T_id	Integer	Foreign key

Order

Field Name	Field Type	Constraint
O_no	Integer	Primary key
O_status	Varchar	Not Null
C_id	Integer	Foreign key

Customer _order

Field Name	Field Type	Constraint
C_id	Integer	Foreign key
O_id	Integer	Foreign key

Cart

Field Name	Field Type	Constraint
Cart_id	Integer	Primary key
Quantity	Varchar	Not Null
Pd_id	Integer	Not Null
D_id	Integer	Foreign key

Details

Field Name	Field Type	Constraint
D_id	Integer	Primary key
Pd_id	Integer	Foreign key
C_id	Integer	Foreign key

Payment

Field Name	Field Type	Constraint
P_id	Integer	Primary key
Card_no	Integer	Not Null
P_Type	Varchar	Not Null
Card_name	Varchar	Not Null
C_id	Integer	Foreign key
D_id	Integer	Foreign key

Receipt

Field Name	Field Type	Constraint
R_id	Integer	Primary key
Date	Date	Not Null
P_id	Integer	Foreign key
C_id	Integer	Foreign key
A_ id	Integer	Foreign key

Fig: Er-Diagram

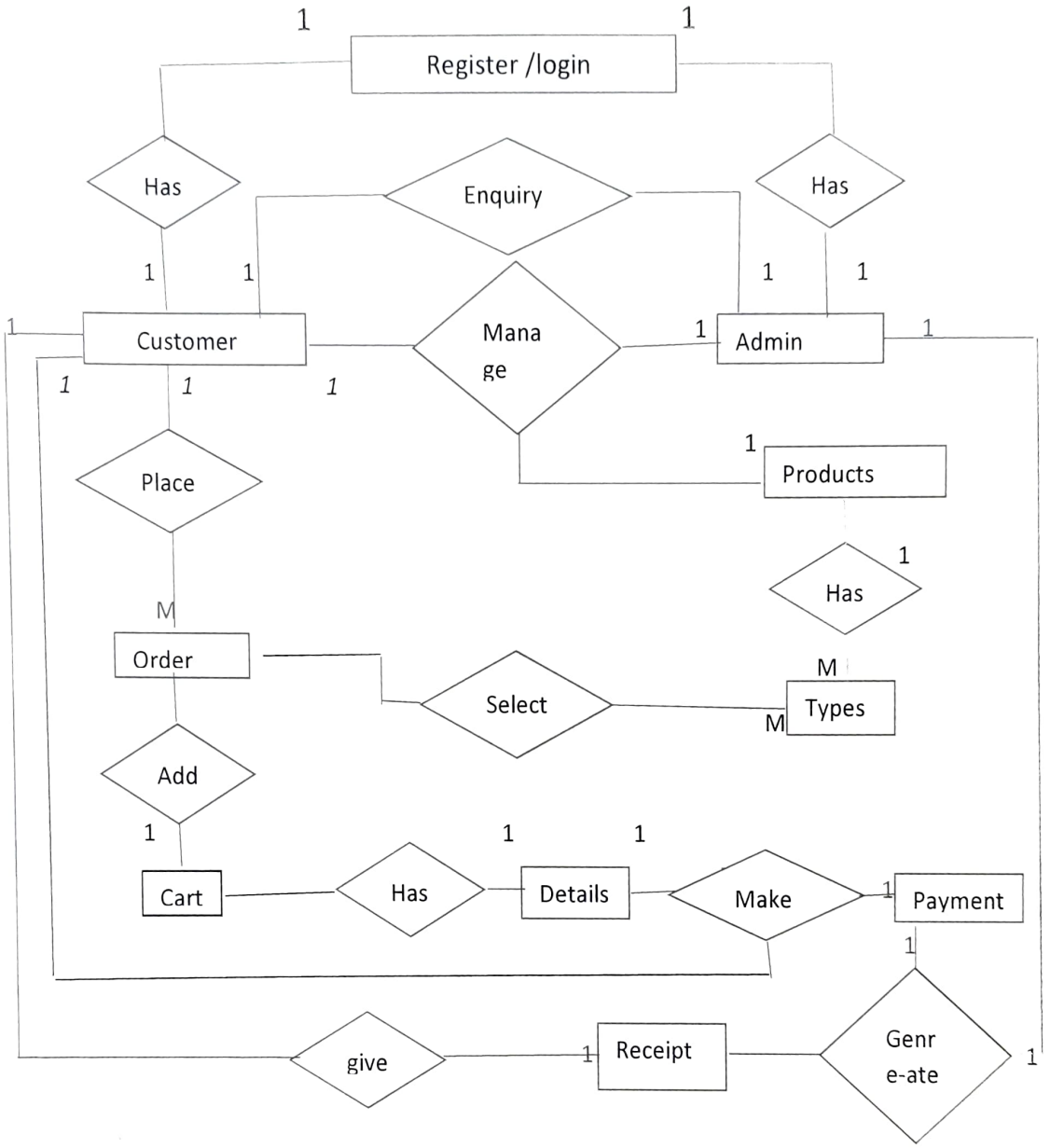


Fig: Class Diagram

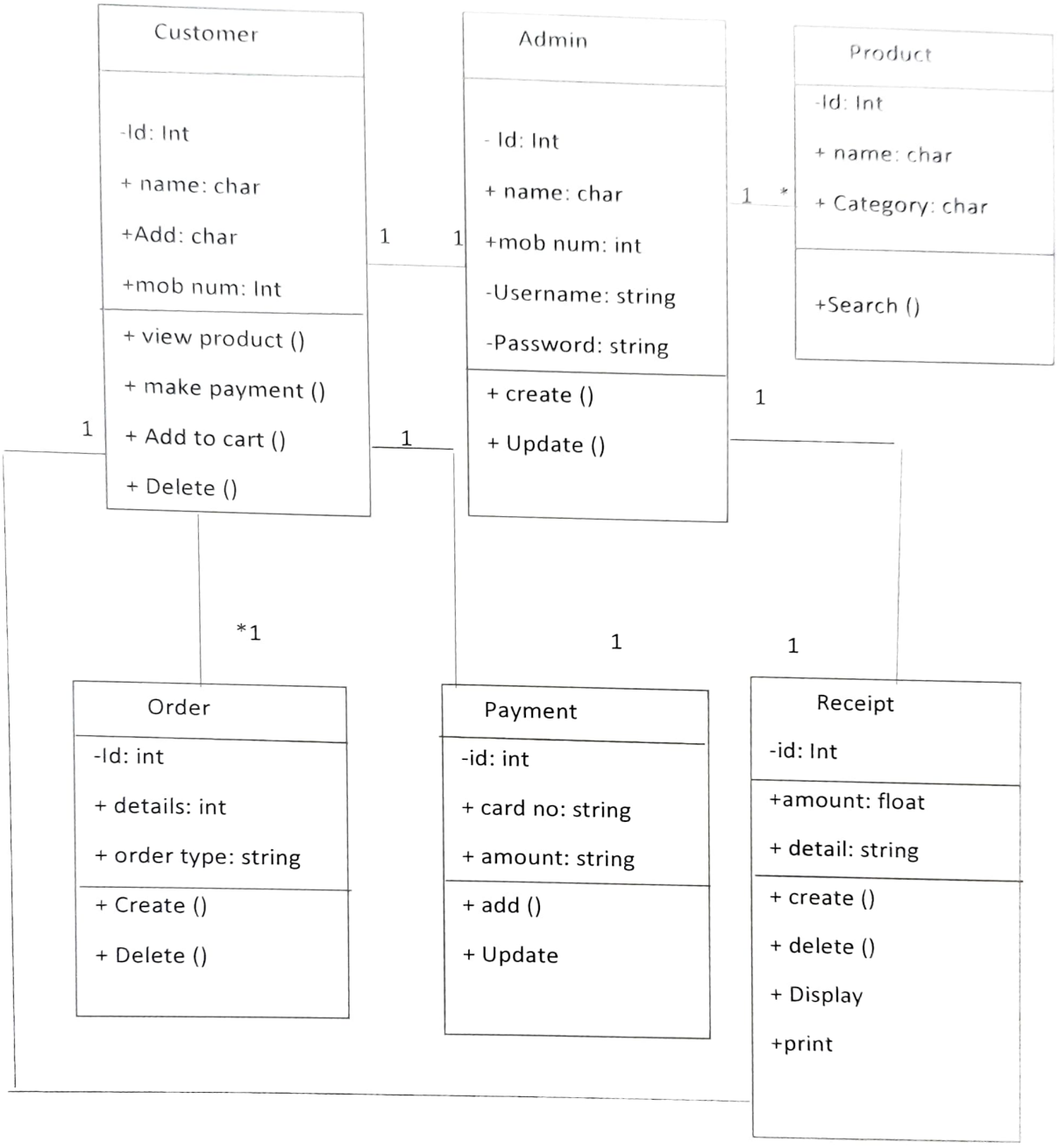


Fig: Sequence Diagram

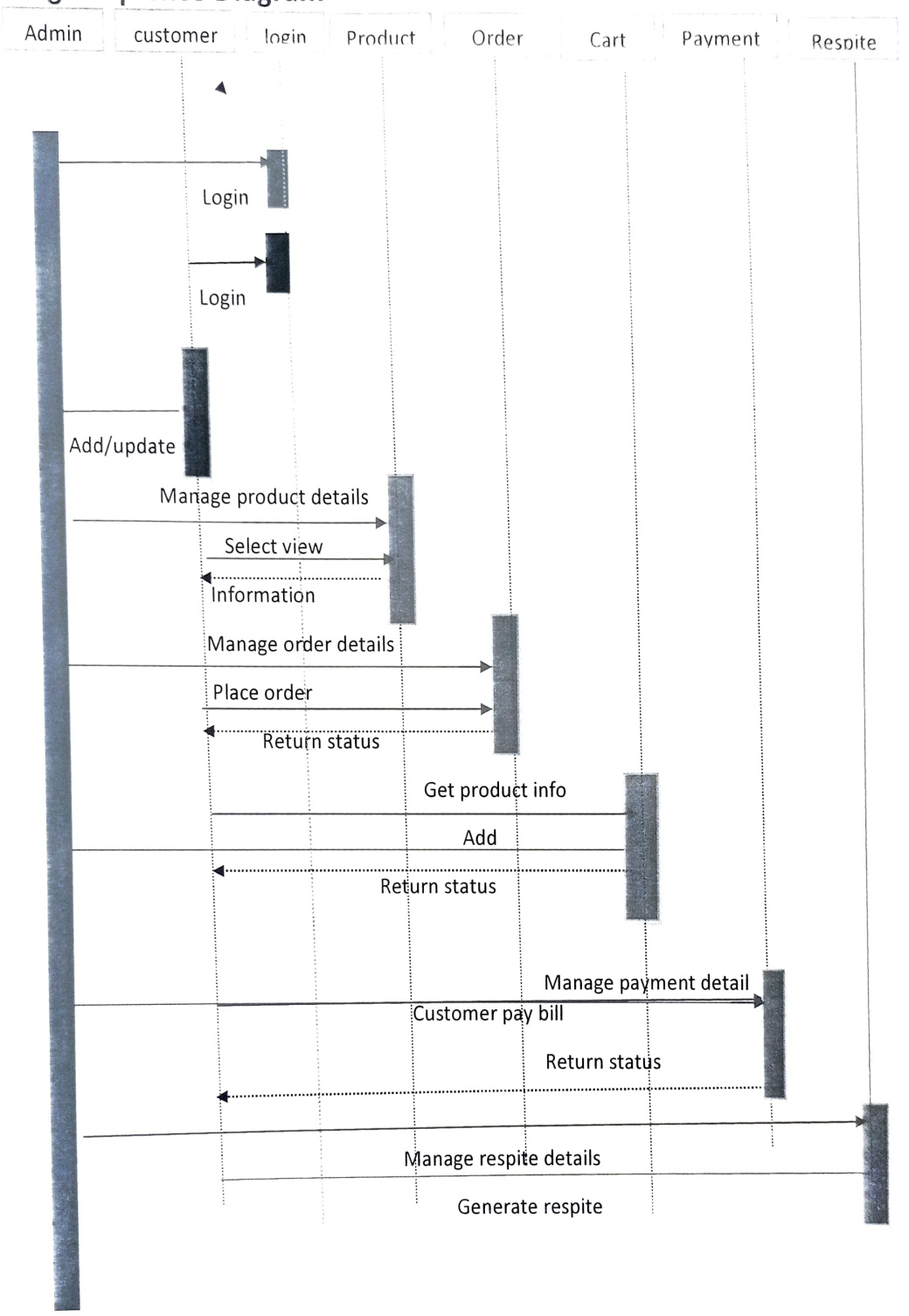


Fig: Used Case Diagram

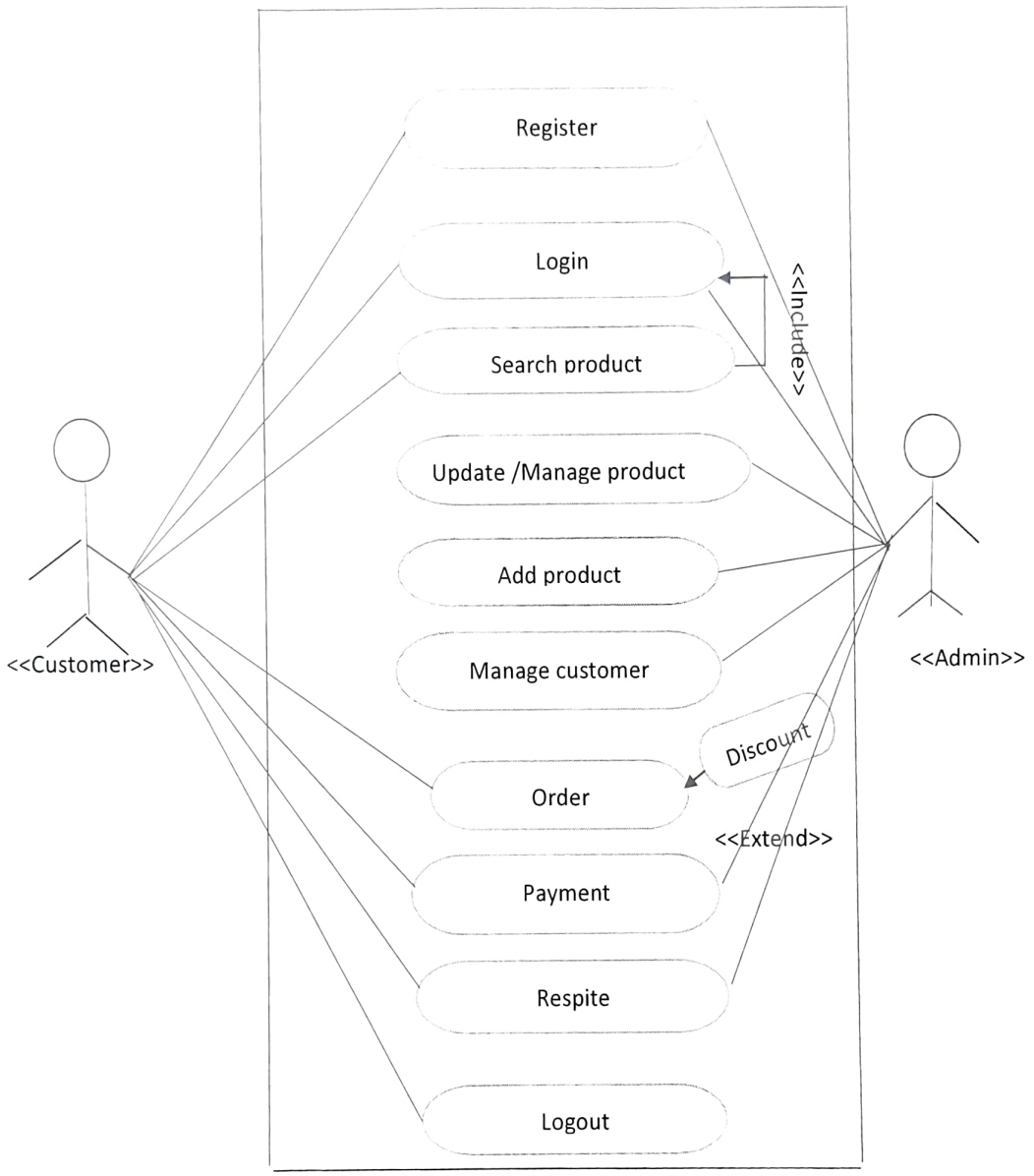


Fig: Component Diagram

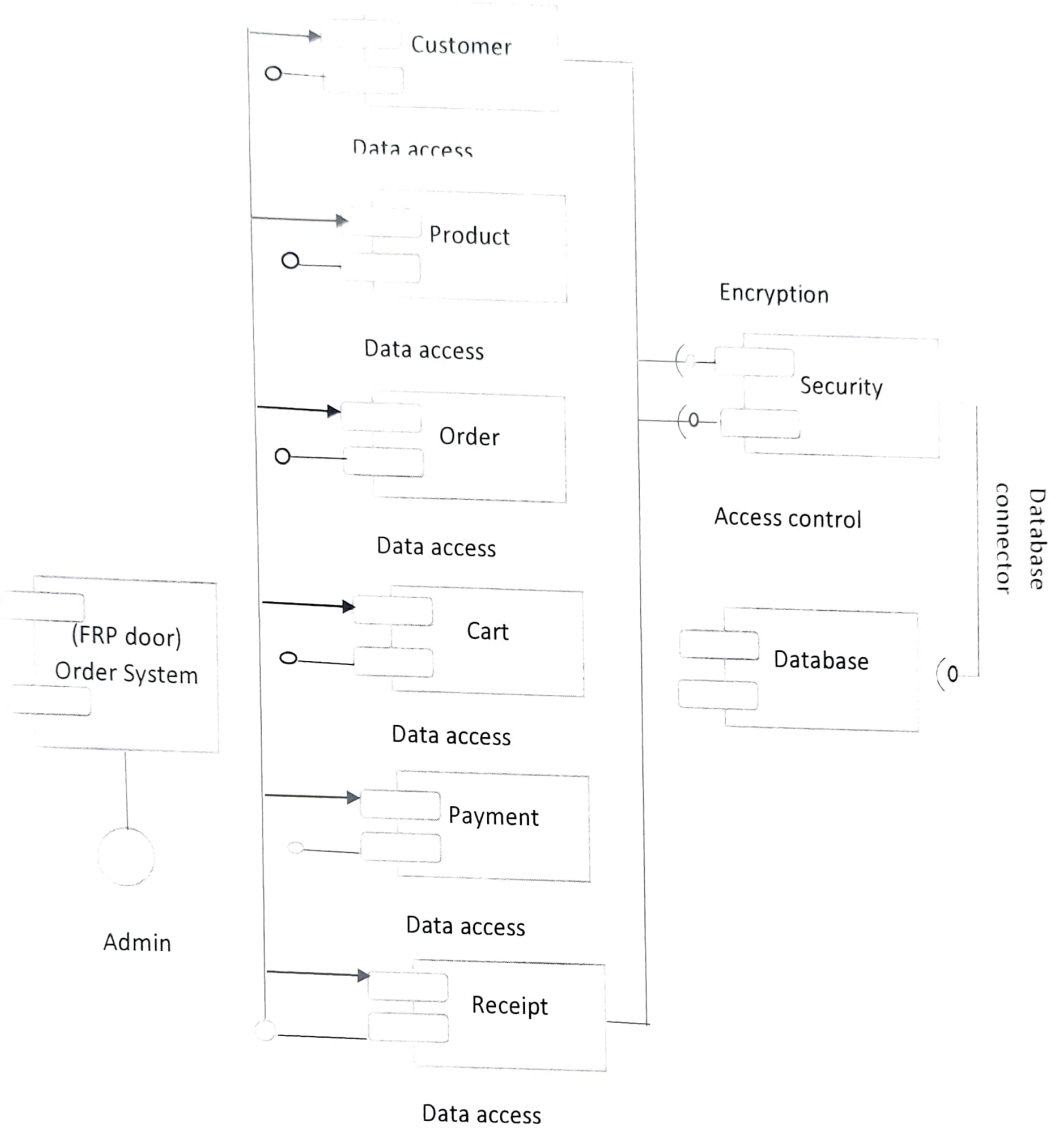
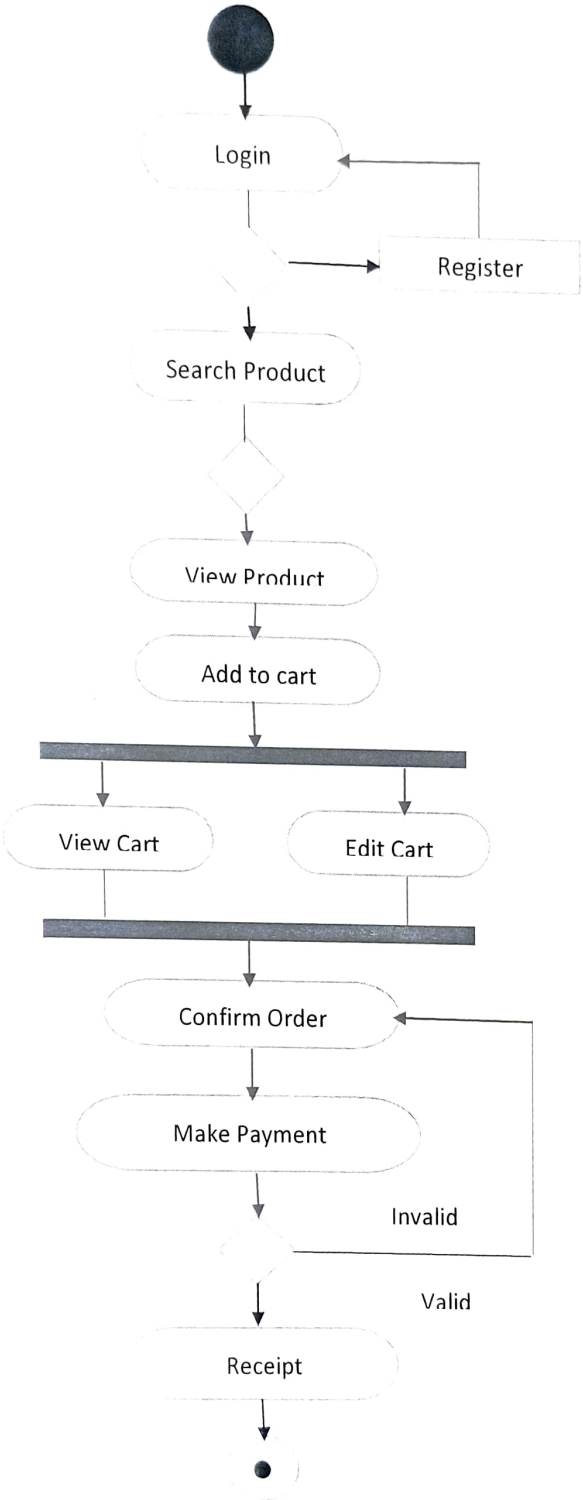


Fig: Activity Diagram



Conclusion

The project and entitled online FRP Door Ordering System was completed successfully. The system has been developed with much pare and free with errors and at the same time is efficient and less time consuming. The propose of this project was to developed android application and practical knowledge and several topics like designing application page using xml ,java, designing of android application and management of database using SQLite database. The entire system is secured. Also the project help us understanding about the development phases of a project software development lifecycle.

SIGN UP

panchashila

12

••

REGISTER

ALREADY HAVE AN ACCOUNT

SIGN IN

panchashila

12

SIGN IN

9:20 AM 0.0KB/s

FRP door

Sarch

Bibliography

1. https://developer.android.com/tools/projects/projectseclipse.html
2. https://www.w3schools.com android studio