“GenDrug”

A
Project Report

Submitted by

Moxita Shah - 150810107047
Vrajesh Trivedi - 150810107055
Atul Jose - 150810107003

In Partial fulfilment of PROJECT

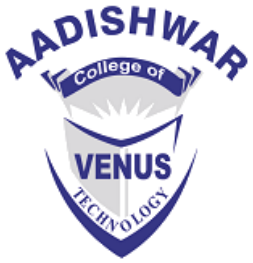
Of

B.E. Semester VII

In

Department of
Computer Engineering

Aadishwar College of Technology - Venus,
Bhoyan Rathod, Gandhinaagr.
2018-19



AADISHWAR COLLEGE OF TECHNOLOGY - VENUS

Formerly Known As Venus International College Of Technology
(AICTE Approved & GTU Affiliated)

CERTIFICATE

This is to certify that the Final Year Project entitled "**GenDrug"** has been carried out by **Moxita Shah (150810107047)** under my guidance in fulfilment of the degree of Bachelor of Engineering in COMPUER ENGINEERING (7th Semester) of Gujarat Technological University, Ahmedabad during the academic year 2018-19.

Guided By:

Prof. Nehal Rajput
Prof. CE Department
Aadishwar College Of Technology

Prof. Premal Patel
Head of CE Department
Aadishwar College Of Technology

AADISHWAR COLLEGE OF TECHNOLOGY - VENUS

Formerly Known As Venus International College Of Technology
(AICTE Approved & GTU Affiliated)

CERTIFICATE

This is to certify that the Final Year Project entitled "**GenDrug"** has been carried out by **Vrajesh Trivedi (150810107055)** under my guidance in fulfilment of the degree of Bachelor of Engineering in COMPUER ENGINEERING (7th Semester) of Gujarat Technological University, Ahmedabad during the academic year 2018-19.

Guided By:

Prof. Nehal Rajput
Prof. CE Department
Aadishwar College Of Technology

Prof. Premal Patel
Head of CE Department
Aadishwar College Of Technology

AADISHWAR COLLEGE OF TECHNOLOGY - VENUS

Formerly Known As Venus International College Of Technology
(AICTE Approved & GTU Affiliated)

CERTIFICATE

This is to certify that the Final Year Project entitled "**GenDrug"** has been carried out by **Atul Jose (150810107003)** under my guidance in fulfilment of the degree of Bachelor of Engineering in COMPUER ENGINEERING (7th Semester) of Gujarat Technological University, Ahmedabad during the academic year 2018-19.

Guided By:

Prof. Nehal Rajput
Prof. CE Department
Aadishwar College Of Technology

Prof. Premal Patel
Head of CE Department
Aadishwar College Of Technology

Acknowledgement

No task can be accomplished without proper support, guidance and appraisal. We are highly thankful to many people who contributed either directly or indirectly for this project and provided their invaluable cooperation to us to complete it.

We would like to thank our Head of Department, Prof. Premal Patel and our faculty members of Computer Engineering for constantly guiding and showing us the correct way to reach towards the desired goal.

Then we would like to thank our internal guide Prof. Nehal Rajput and our external guide Mr. Akash Padhiyar who have helped us out in each and every phase of the project and without their support and guidance the project would not have been completed successfully.

The wholehearted help and co-operation by our friends is gratefully acknowledged.

Moxita Shah

Vrajesh Trivedi

Atul Jose

Abstract

GenDrug is the abbreviation for Generic Medicine. Generic medicines are those which contain the same active ingredient in the same quantity as a brand-name medicine. Generic medicines therefore have the same effect on the body in terms of curing disease as the brand-name medicines which they copy.

However, generic medicines are sold using a different name and may contain different inactive ingredients compared with their branded counterparts. They should not be confused with counterfeit medicines, which are illegally manufactured copies that may or may not contain the same active ingredient.

The Generic version of a drug is the bioequivalent of its brand-name counterpart, meaning there is either no considerable variation between the two drugs in terms of the rate and extent of absorption or if there is a variation, it is either intended or medically insignificant.

This project deals with creating an e-commerce application for Generic Medicine. Though with the Application the users can search and buy the generic medicine they want. Users can also search the application for the generic medicines according to their symptoms, or search by the prescribed medicines, suggested by the doctors, to find their respective generic medicines.

Users will be able to add those medicines in their wish list or in the cart or even buy those medicines from the store if they want.

Table of Contents

List of Figures

List of Tables

1. Introduction

1.1 Project Profile

Project Title	: GenDrug
Goal of System	: GenDrug is an android application where the users can search and buy the generic medicine they want. Also, users can search the application for the generic medicines according to their symptoms, or search by the prescribed medicines, suggested by the doctors, to find their respective generic medicines.
Developed At	: Aadishwar College of Technology
Project Duration	: 1 Year (2018-19)
Team Member	: Moxita Shah Vrajesh Trivedi Atul Jose
Internal Project Guide	: Prof. Nehal Rajput
Front End (Technology)	: Android 4.4+
Back End (Database)	: MySQL
Reporting Tool	: PHP Report Maker
IDE	: NetBeans 8.2
Documentation Tools	: MS Office 2016
OS Platform	: Android 4.4+

1.2 Purpose

- The purpose of the project is to make the process easy and fast for the user to make online purchase of the Generic Medicine that are lower cost compare to Branded Medicines.
- Through the application the customer is able search and buy generic medicine the customer wants.
- The user is able to search generic medicine by symptoms and also search generic medicine by the prescription given by the doctor.
- The application is simple is use and as generic medicine is of lower cost compared to branded medicine it saves money.

1.3 Scope

Our application can be used in all the android devices that run Android 4.4+ and it can be used across the whole country, i.e. India.

The application can be used by patients, the people who need to buy generic medicines for someone else, or chemists who want generic medicines for their store.

1.4 Methodologies

Main objective of the project is to provide a platform to users where they can search and buy the generic medicines.

Following were the methodologies we used, defined in a step by step process.

- Literature review and finding out the problems in the existing system.
- Requirement gathering and analysis for the proposed system.
- Preparing AEIOU framework for the proposed system.
- Preparing Empathy map canvas for the proposed system.
- Preparing Ideation Canvas for the proposed system.
- Product Development Canvas for the proposed system.
- Preparing Database tables for the proposed system.
- Preparing UML diagrams for the proposed system.
- Preparing the Prototype for the proposed system.
- Preparing Report for the proposed system.

1.5 System Overview

The user has to create an account on GenDrug application, then the user can login the application to access his/her Generic medicine store, where the user can search the Generic medicines by the prescription given by their doctor or search by the symptoms of the disease they're dealing with.

The user can add a particular medicine in their cart or wishlist to view them later. If the user wants to buy that medicine, he can proceed with the payment for that medicine.

The user can check their previous transactions in MY ACCOUNT section, to save them some time and buy them in just one tap or just check their transaction details.

2. Analysis

2.1 Introduction

The Analysis Phase is where the project lifecycle begins. The Analysis Phase is where you break down the deliverables in the high-level Project Charter into the more detailed business requirements. The Analysis Phase is also the part of the project where you identify the overall direction that the project will take through the creation of the project strategy documents.

Gathering requirements is the main attraction of the Analysis Phase. The process of gathering requirements is usually more than simply asking the users what they need and writing their answers down. Depending on the complexity of the application, the process for gathering requirements has a clearly defined process of its own. This process consists of a group of repeatable processes that utilize certain techniques to capture, document, communicate, and manage requirements.

2.2 Study of System

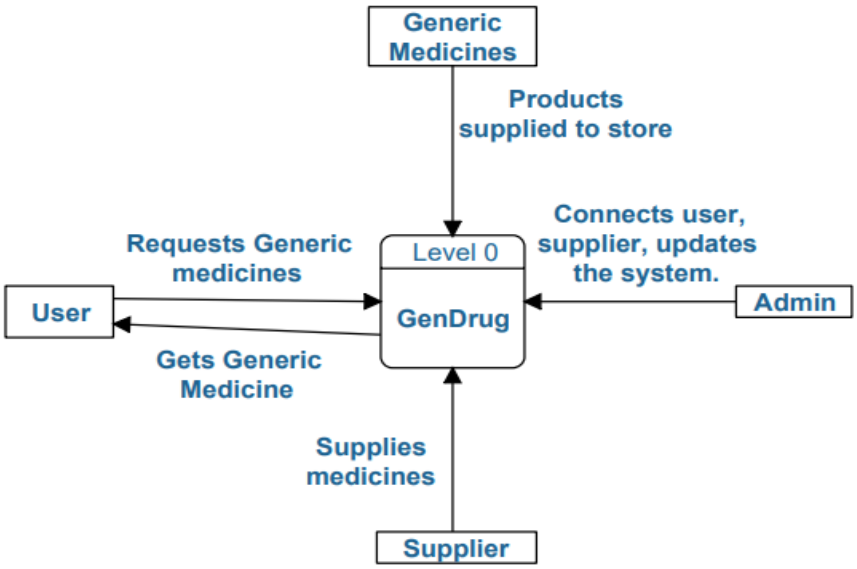
The user has to create an account on GenDrug application, then the user can login the application to access his/her Generic medicine store, where the user can search the Generic medicines by the prescription given by their doctor or search by the symptoms of the disease they're dealing with.

The user can add a particular medicine in their cart or wishlist to view them later. If the user wants to buy that medicine, he can proceed with the payment for that medicine.

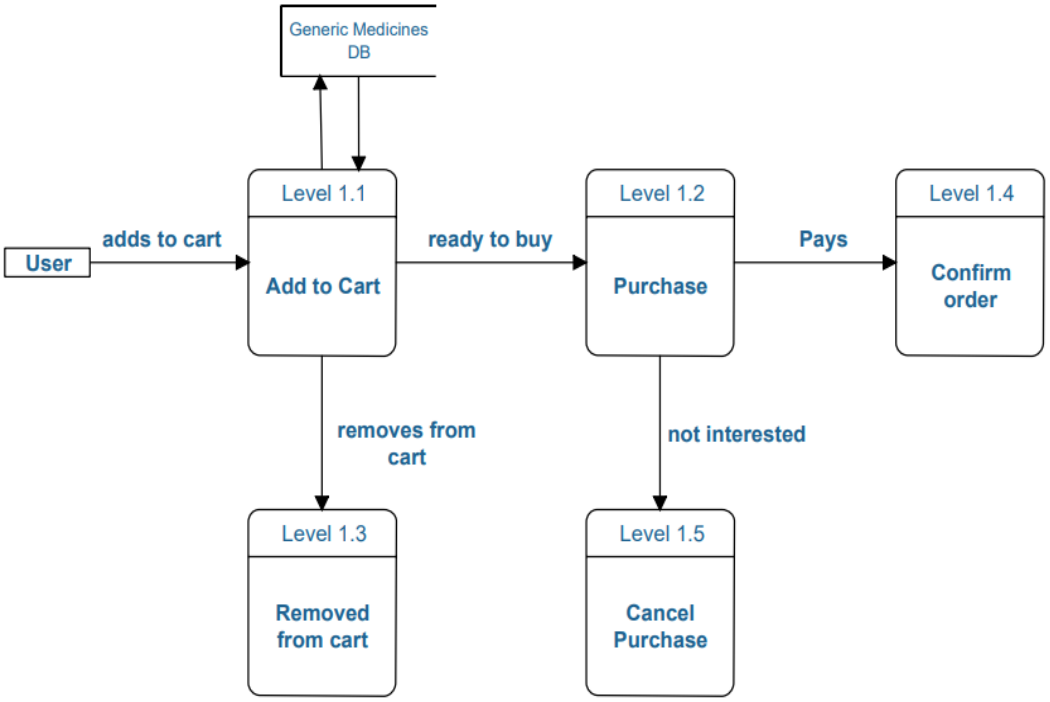
The user can check their previous transactions in MY ACCOUNT section, to save them some time and buy them in just one tap or just check their transaction details.

2.3. DFD

Level 0



Level 1(User)



2.4 System Requirement

- **Technical Requirement**
  - The system should be implemented in Android technology.
  - Required Skills:
    - ✓ Android Studio
    - ✓ Java
    - ✓ PHP
    - ✓ HTML, CSS
    - ✓ JavaScript
    - ✓ Database

- **Hardware Requirements:**
  - Android Devices
  - PC
  - RAM (For PC): 8GB

- **Software Requirement:**
  - Windows OS
  - Browser (Chrome or Internet Explorer or Firefox or Safari)
  - Android Studio
  - Android 4.4+
  - MySQL 5.5
  - NetBeans 8.2
  - XAMPP 3.2.2

3. Design

3.1 Data Dictionary

Field Name	Data type	Size	Constraint	Description
Categ_ID	INTEGER	3	PRIMARY KEY	It Stores the CATEGORY ID.
Categ_NAME	VARCHAR	12	NOT NULL	It Stores the data about the category of the medicine.

Table 3.1.1 Category Details

Field Name	Data type	Size	Constraint	Description
Brand_ID	INTEGER	3	PRIMARY KEY	It Stores the Brand ID.
Brand_NAME	VARCHAR	12	NOT NULL	It Stores the name of the Brand.

Table 3.1.2 Brand Details

Field Name	Data type	Size	Constraint	Description
AREA_ID	INTEGER	3	PRIMARY KEY	It Stores the AREA ID.
Area_name	VARCHAR	10	NOT NULL	It Stores the data about Area name.

Table 3.1.3 Area Details

Field Name	Data type	Size	Constraint	Description
P_ID	INTEGER	3	PRIMARY KEY	It Stores the Product ID.
P_name	VARCHAR	15	NOT NULL	It Stores the Product name.
CATEG_ID	INTEGER	3	FOREIGN KEY	It Stores the CATEGORY ID.
P_details	VARCHAR	20	NOT NULL	It Stores the Product details.
BRAND_ID	INTEGER	3	FOREIGN KEY	It Stores the Brand ID.
P_price	FLOAT	-	NOT NULL	It Stores the Product price.
P_stock	INTEGER	3	NOT NULL	It Stores the Product stock.

Table 3.1.4 Medicine Details

Field Name	Data type	Size	Constraint	Description
U_ID	INTEGER	6	PRIMARY KEY	It Stores the User ID.
U_NAME	VARCHAR	15	NOT NULL	It Stores the User Name.
Phonenum	INTEGER	10	NOT NULL	It Stores the Mobile no.
Gender	VARCHAR	6	NOT NULL	It Stores the User Gender.
Email	VARCHAR	15	NOT NULL	It Stores the User Email.
Password	VARCHAR	12	NOT NULL	It Stores the Password.
Conpassword	VARCHAR	12	NOT NULL	It Stores the Confirm Pass.
Address	VARCHAR	160	NOT NULL	It Stores the Address.

Table 3.1.5 User Registration

Field Name	Data type	Size	Constraint	Description
Pres_ID	INTEGER	3	PRIMARY KEY	It Stores the ID of prescribed medicine.
Pres_name	VARCHAR	15	NOT NULL	It Stores Prescribed med name.
Pres_details	VARCHAR	20	NOT NULL	It Stores the Pres. meds details.
P_ID	INTEGER	3	FOREIGN KEY	It Stores the Product ID.
P_DETAILS	VARCHAR	20	FOREIGN KEY	It Stores the Product details.
BRAND_ID	INTEGER	2	FOREIGN KEY	It Stores the Brand ID.
Pres_price	FLOAT	-	FOREIGN KEY	It Stores the Product price.
P_STOCK	INTEGER	3	FOREIGN KEY	It Stores the Product stock.

Table 3.1.6 Prescription Details

Field Name	Data type	Size	Constraint	Description
Symp_ID	INTEGER	3	PRIMARY KEY	It Stores the ID of symptoms.
Symp_NAME	VARCHAR	6	NOT NULL	It stores the Symptom Name.
P_ID	INTEGER	3	FOREIGN KEY	It Stores the Product ID.
P_DETAILS	VARCHAR	20	FOREIGN KEY	It Stores the Product details.
BRAND_ID	INTEGER	2	FOREIGN KEY	It Stores the Brand ID.
P_PRICE	FLOAT	-	FOREIGN KEY	It Stores the Product price.
P_STOCK	INTEGER	3	FOREIGN KEY	It Stores the Product stock.

Table 3.1.7 Symptom Details

Field Name	Data type	Size	Constraint	Description
Supp_ID	INTEGER	6	PRIMARY KEY	It Stores the SUPPLIER ID.
Supp_name	VARCHAR	15	NOT NULL	It Stores the SUPPLIER NAME.
Supp_add	VARCHAR	160	NOT NULL	It Stores the SUPPLIER ADDRESS.
Supp_phnum	INTEGER	12	NOT NULL	It Stores the SUPPLIER MOBILE NUMBER.
Supp_stock	INTEGER	15	NOT NULL	It stores the Stock supplied by Supplier.

Table 3.1.8 Supplier Details

Field Name	Data type	Size	Constraint	Description
Deliveryman_ID	INTEGER	6	PRIMARY KEY	It Stores the DELIVERY MAN ID.
Deliveryman_name	VARCHAR	15	NOT NULL	It Stores the DELIVERY MAN NAME.
Deliveryman_address	VARCHAR	60	NOT NULL	It Stores the DELIVERY MAN ADDRESS.
Deliveryman_phnum	INTEGER	12	NOT NULL	It Stores the DELIVERY MAN MOBILE NUMBER.

Table 3.1.9 Deliveryman Details

Field Name	Data type	Size	Constraint	Description
Order_ID	INTEGER	2	PRIMARY KEY	It Stores the Order ID.
P_ID	INTEGER	3	FOREIGN KEY	It Stores the Product ID.
Order_quantity	INTEGER	2	NOT NULL	It Stores the quantity.
Order_amount	INTEGER	4	NOT NULL	It Stores the amount.

Table 3.1.10 Order Details

Field Name-	Data type	Size	Constraint	Description
Shipping_ID	INTEGER	6	PRIMARY KEY	It Stores the Shipping ID.
O_ID	INTEGER	2	FOREIGN KEY	It Stores the Order ID.
U_NAME	VARCHAR	5	FOREIGN KEY	It Stores the User's name.
PHONENUM	INTEGER	10	FOREIGN KEY	It Stores the Customer mobile no.
ADD	VARCHAR	160	NOT NULL	It Stores the Customer address.
AREA_ID	INTEGER	3	FOREIGN KEY	IT stores the Area ID.
Shipping_status	VARCHAR	10	NOT NULL	It Stores the Shipping status.

Table 3.1.11 Shipping Status

Field Name	Data type	Size	Constraint	Description
Feedback_ID	INTEGER	5	PRIMARY KEY	It Stores the FEEDBACK ID.
Feedback	VARCHAR	160	NOT NULL	It Stores the FEEDBACK details.
Feedback_date	DATE	-	NOT NULL	It Stores the FEEDBACK date.
Feedback_status	VARCHAR	10	NOT NULL	It Stores the FEEDBACK status.

Table 3.1.12 Feedback

3.2 Entity Relationship Model

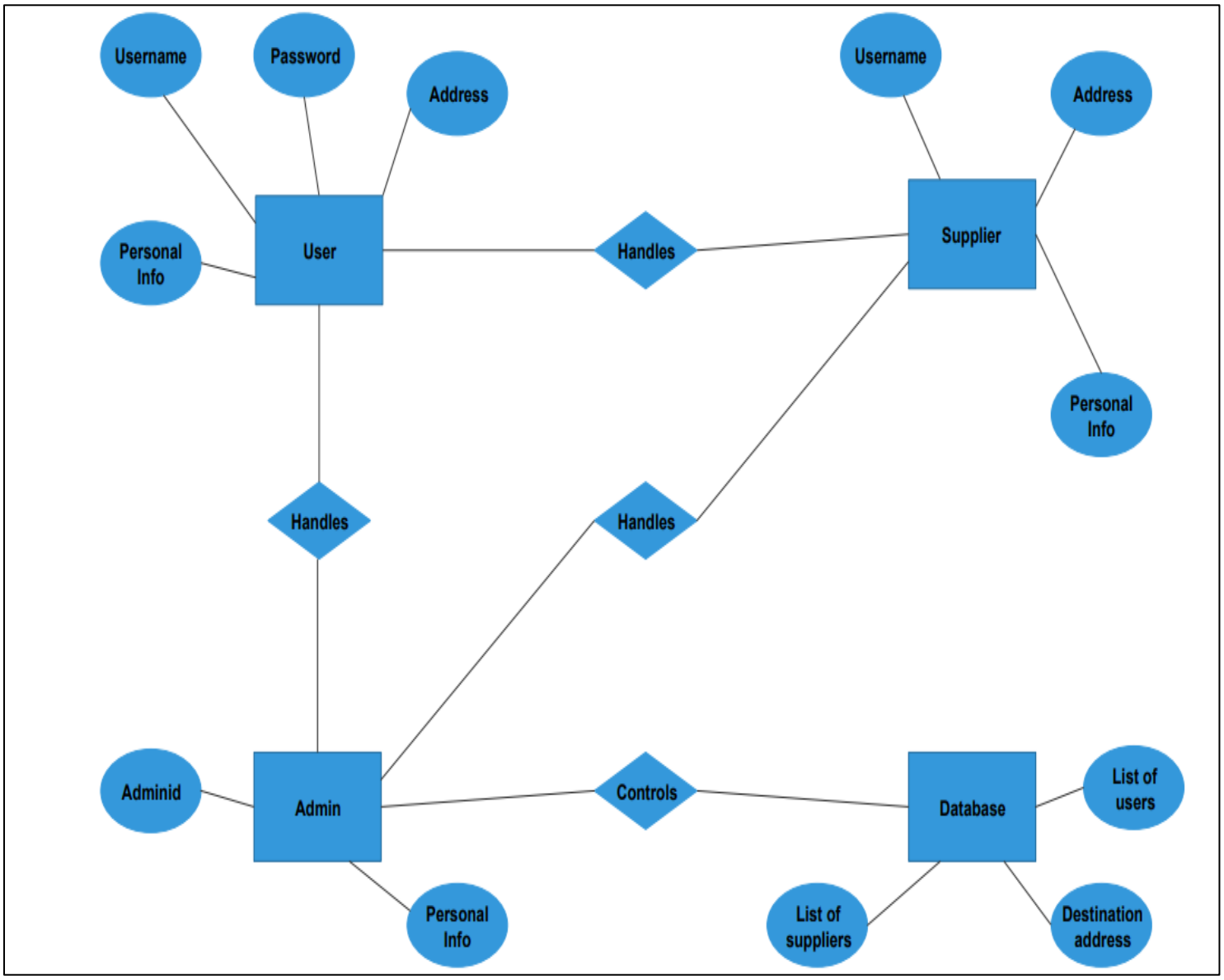


Fig 3.2.1 E-R Model

3.3 Required Diagrams

3.3.1 Activity Diagram

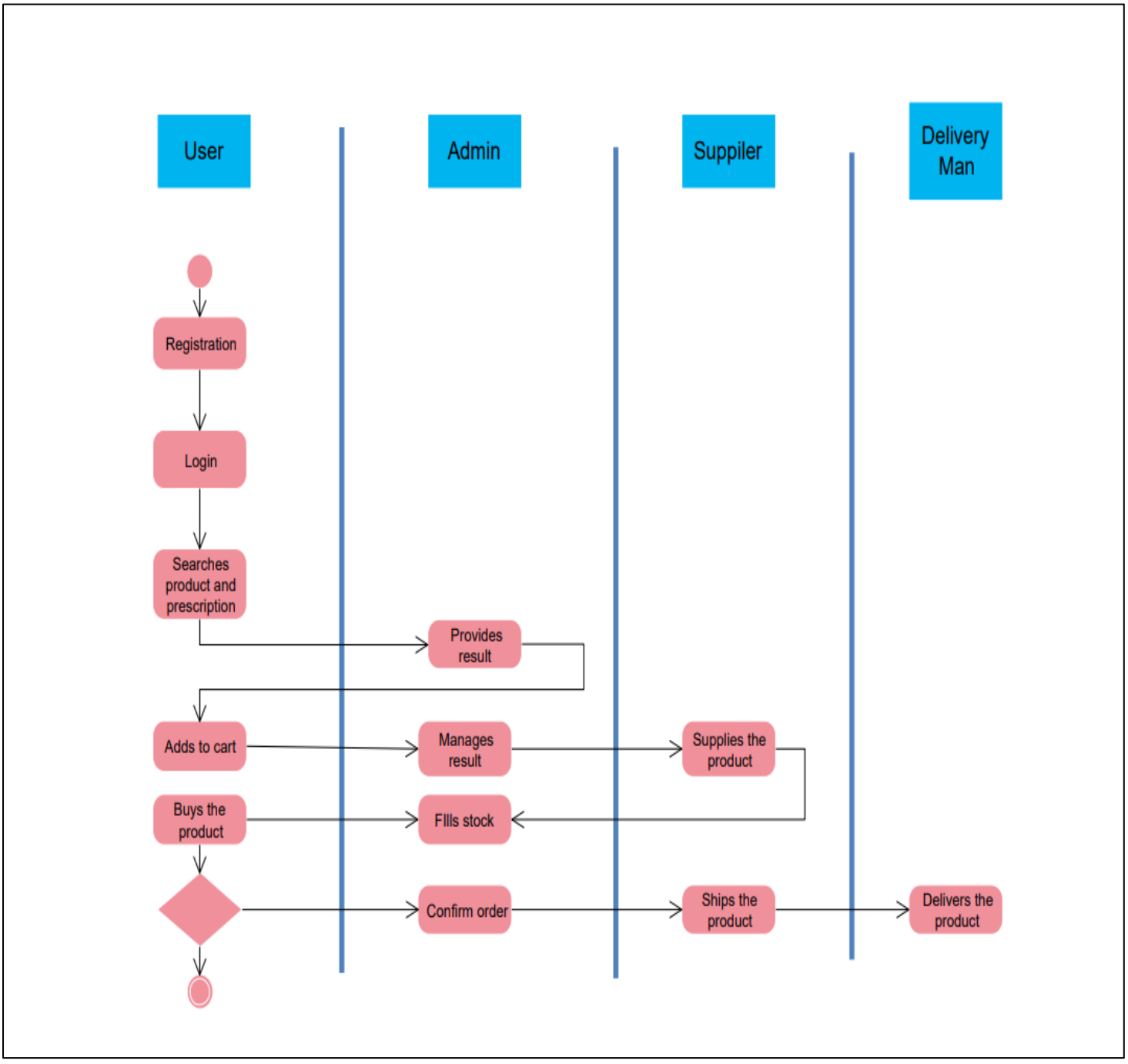


Fig 3.3.1 Activity Diagram

3.3.2 Use Case Diagram

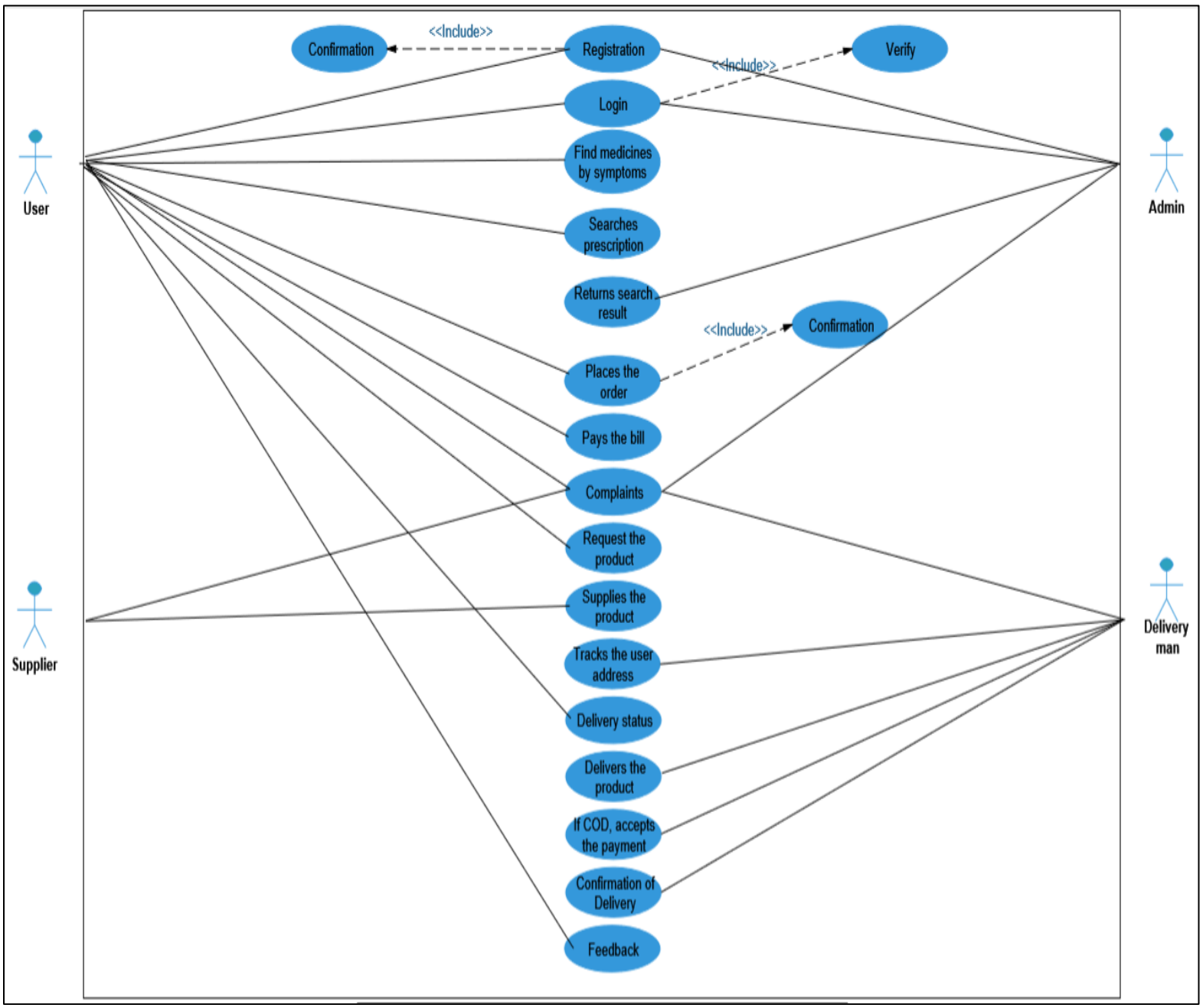


Fig 3.3.2 Use Case Diagram

3.3.3 Sequence Diagram

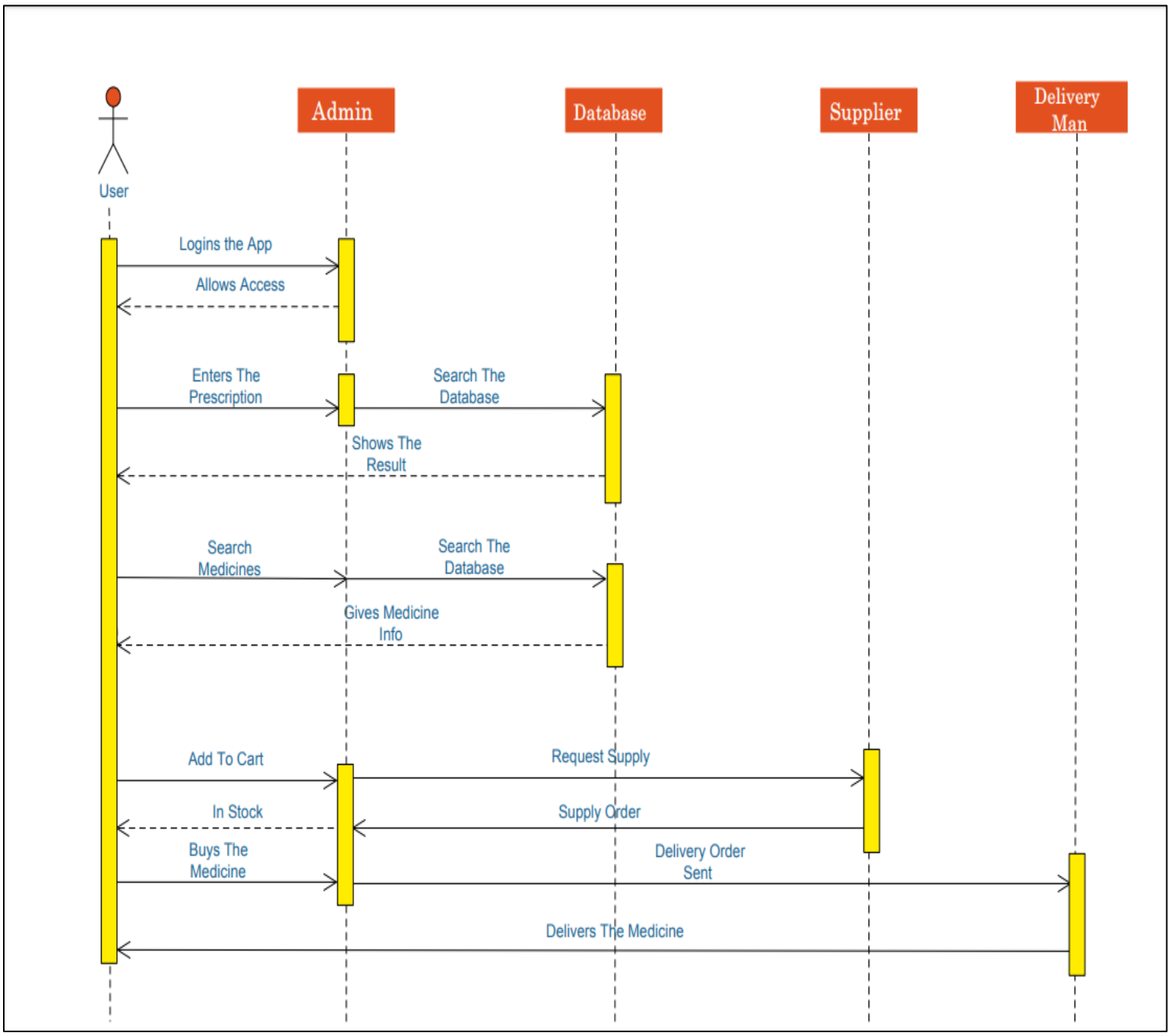


Fig 3.3.3 Sequence Diagram

3.3.4 Statechart Model

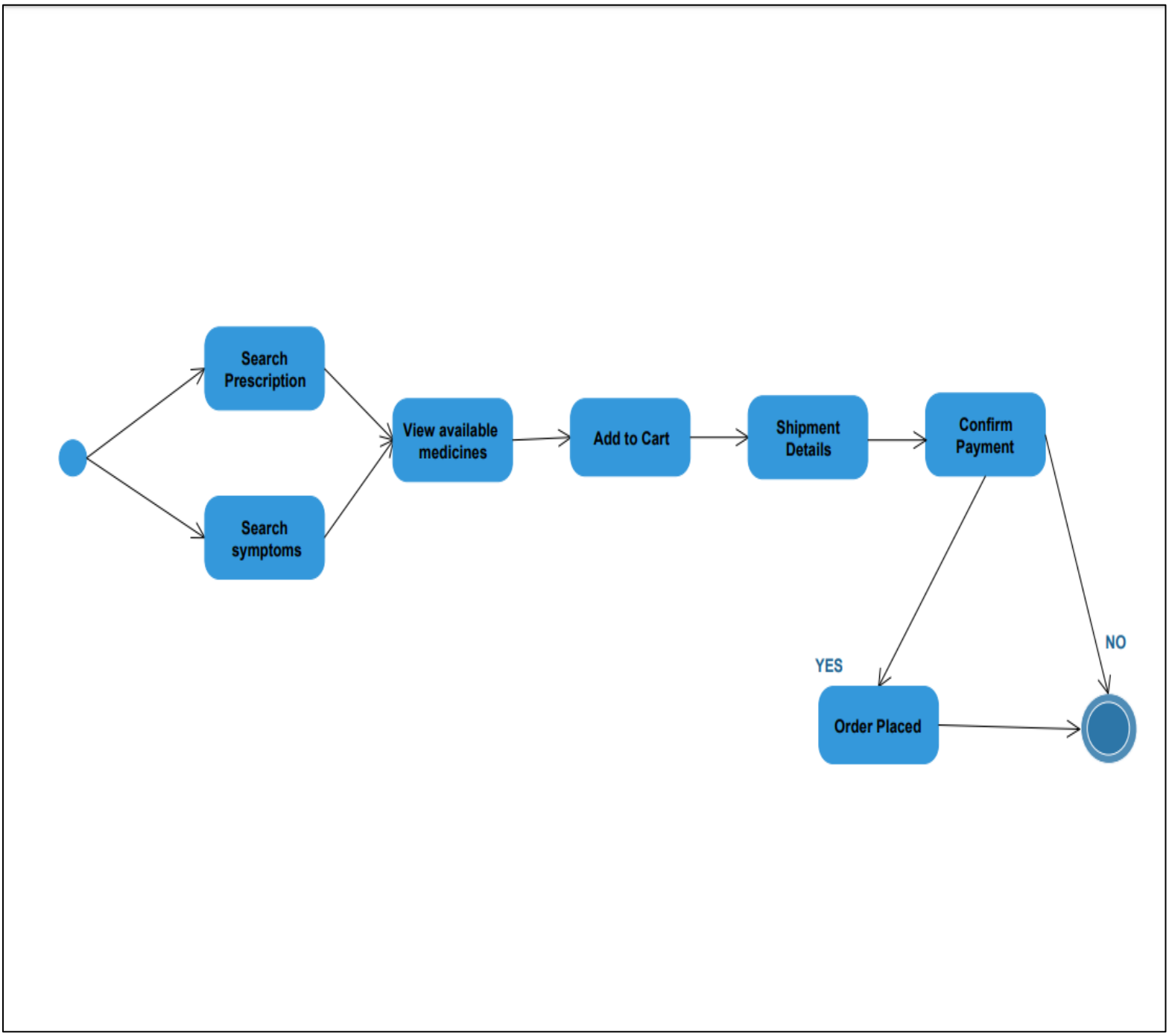


Fig 3.3.4 Statechart Diagram

3.3.5 Class Diagram

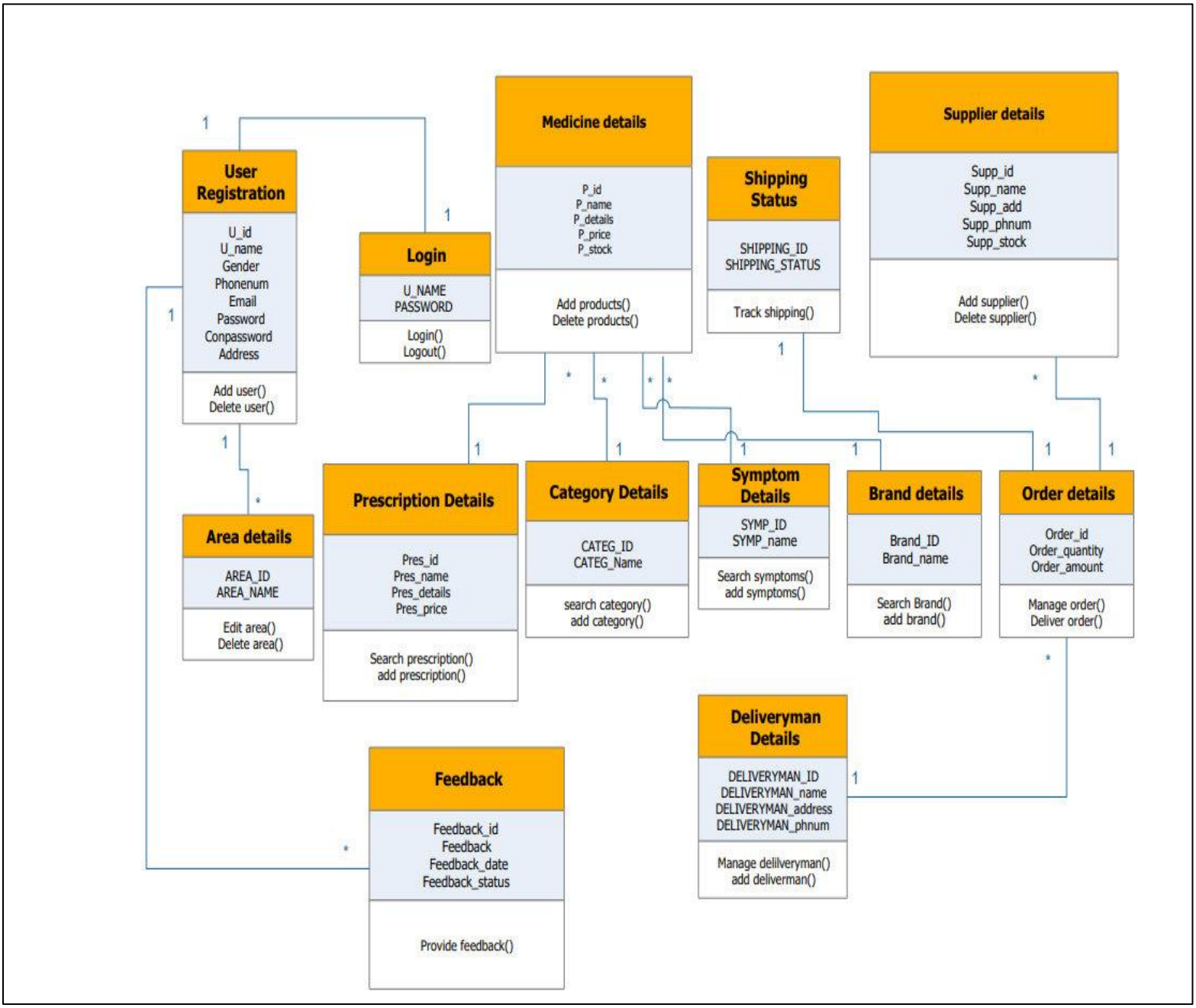


Fig 3.3.5 Class Diagram

3.4 Project Work Plan

Planning is one of the most important project management and time management techniques. Planning is preparing a sequence of action steps to achieve some specific goal. If we do it effectively, we can reduce much the necessary time and effort of achieving the goal.

A plan is like a map. When following a plan, we can always see how much we have progressed towards our project goal and how far we are from our destination. Knowing where we are is essential for making good decisions on where to go or what to do next. Work done in 7th Semester is shown below:

01. Project definition selection.

02. Literature review and finding out the problems in the existing system.

03. Requirement gathering and analysis for the proposed system.

04. Preparing AEIOU framework for the proposed system.

05. Preparing Empathy map canvas for the proposed system.

06. Preparing Ideation Canvas for the proposed system.

07. Preparing Product Development Canvas for the proposed system.

08. Preparing Database tables for the proposed system.

09. Preparing UML diagrams for the proposed system.

10. Preparing the Prototype for the proposed system.

11. Preparing Report for the proposed system.

3.5 Design Engineering Canvases

3.5.1 AEIOU Canvas

Fig 3.5.1 AEIOU Canvas.

3.5.2 Product Development Canvas

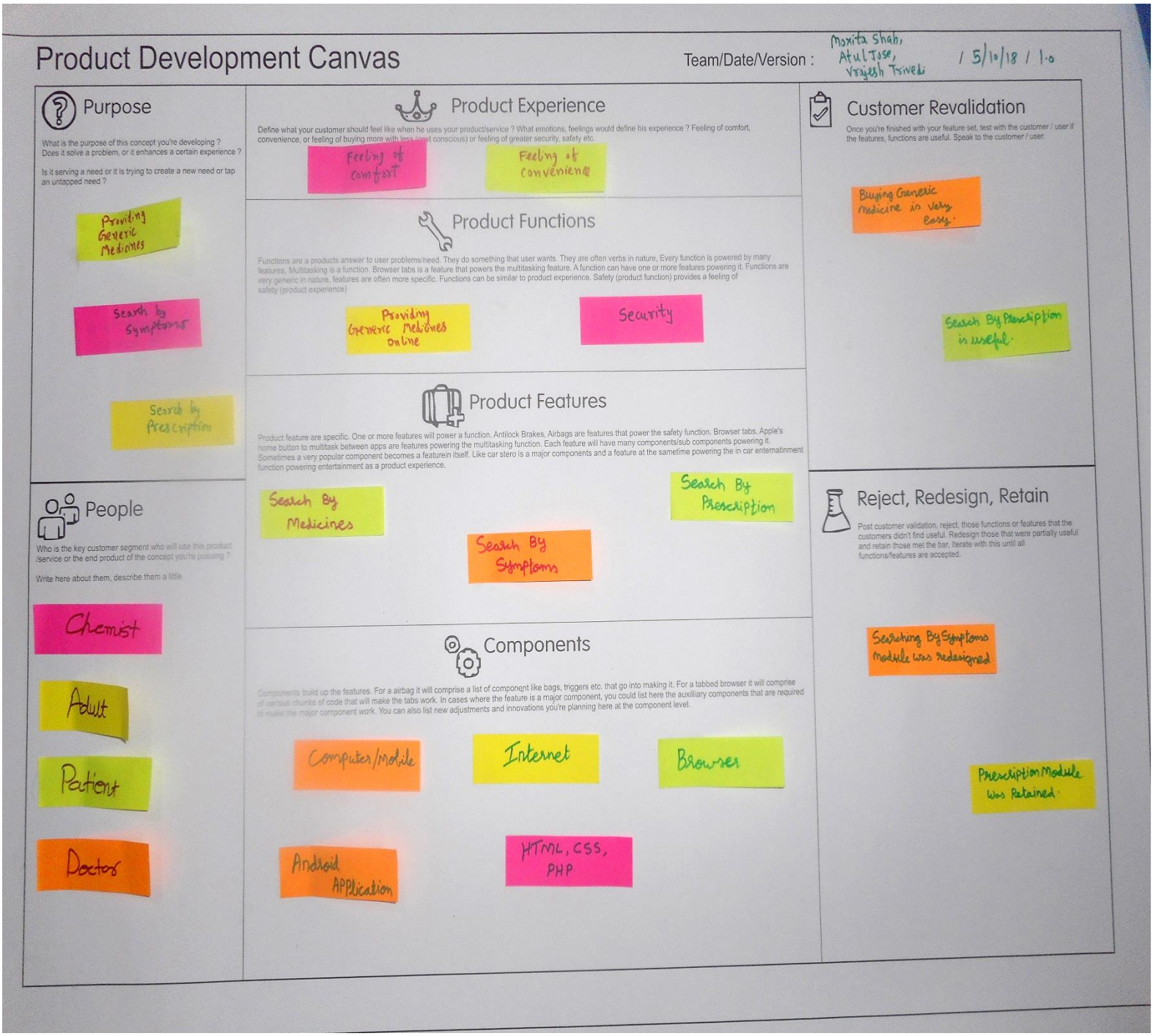


Fig 3.5.2 Product Development Canvas

3.5.3 Ideation Canvas

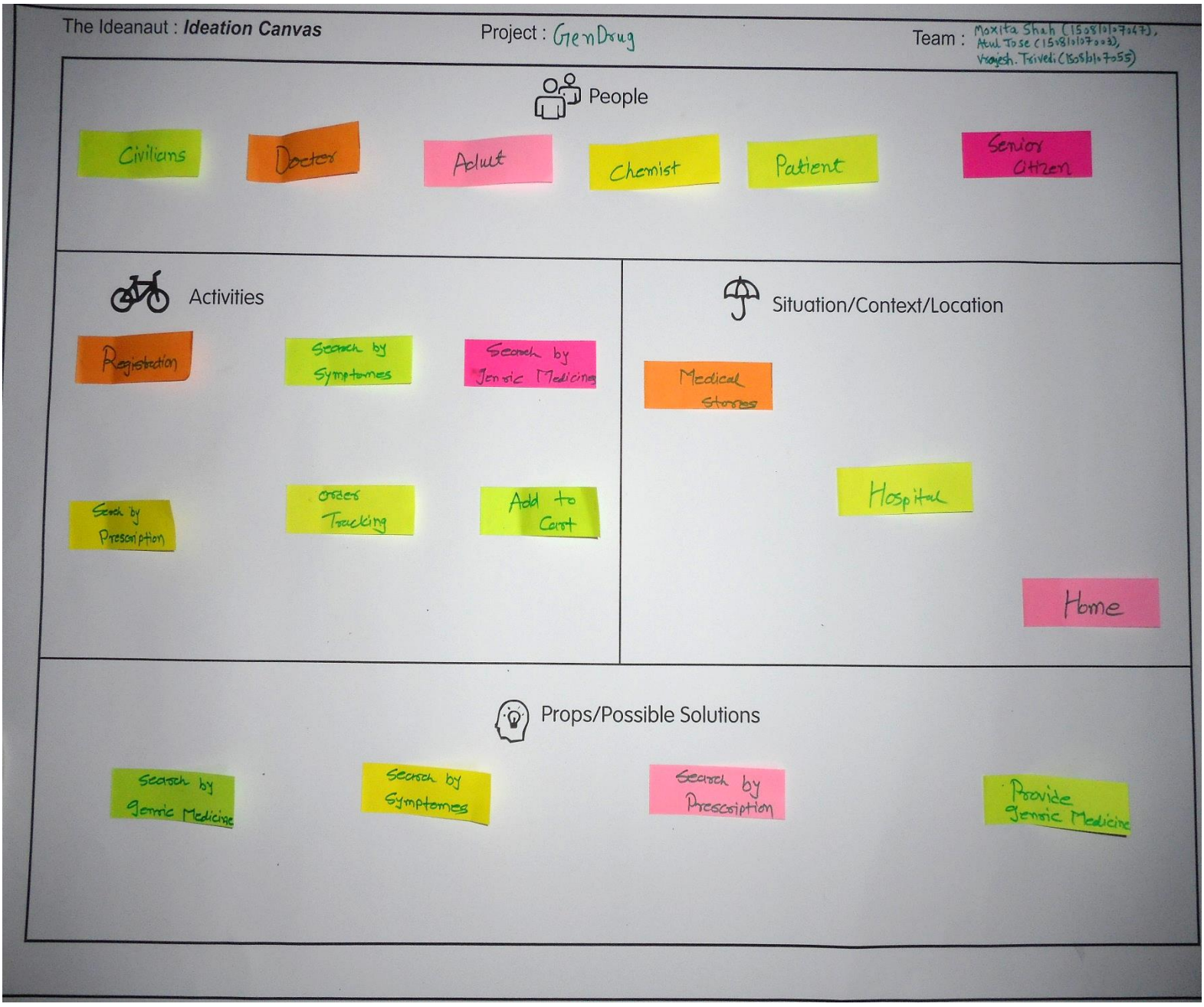


Fig 3.5.3 Ideation Canvas

3.5.4 Empathy Canvas

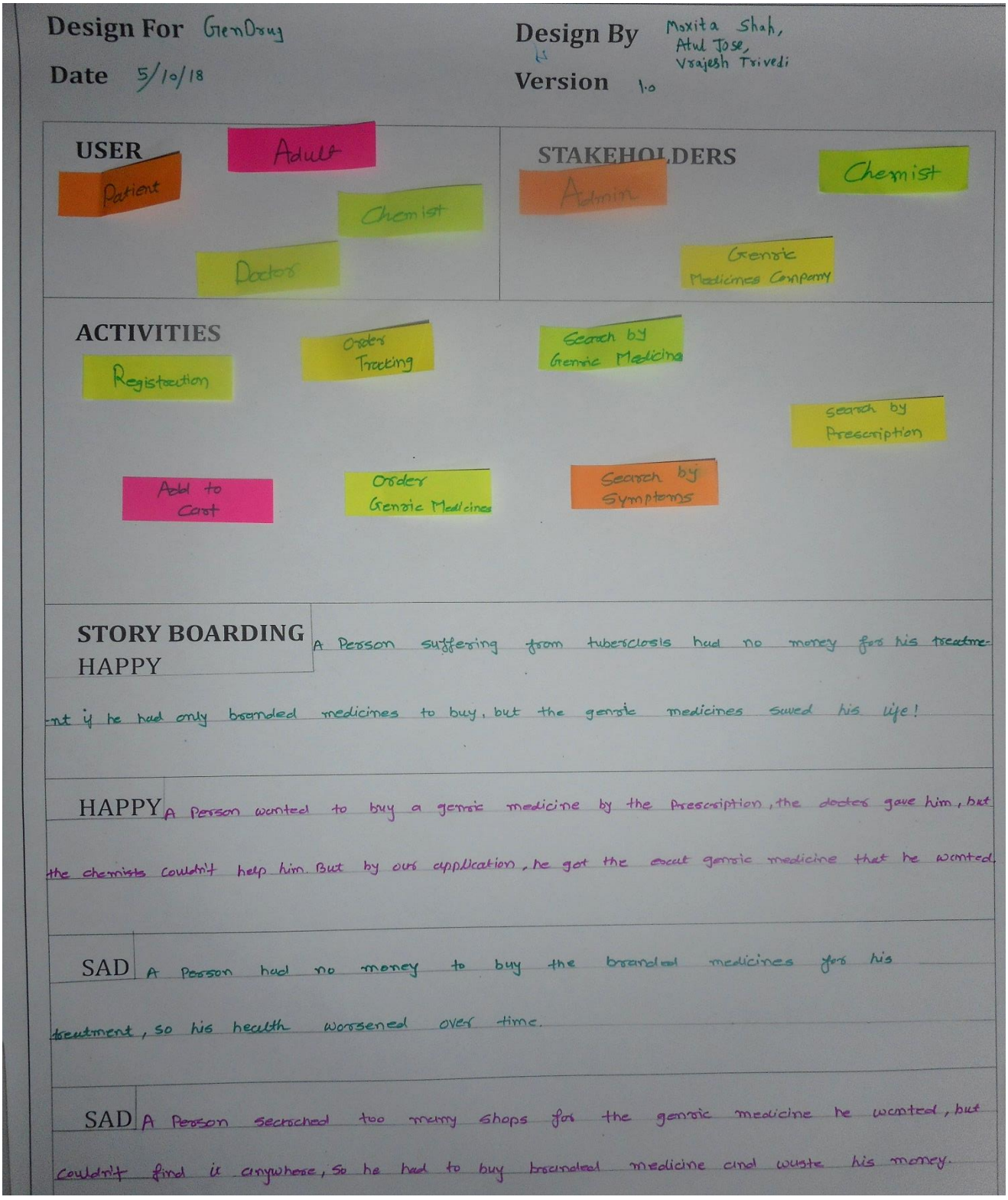


Fig 3.5.4 Empathy Canvas

4. Output Forms and Reports

4.1 Screenshots

Fig 4.1.1 Splash Screen

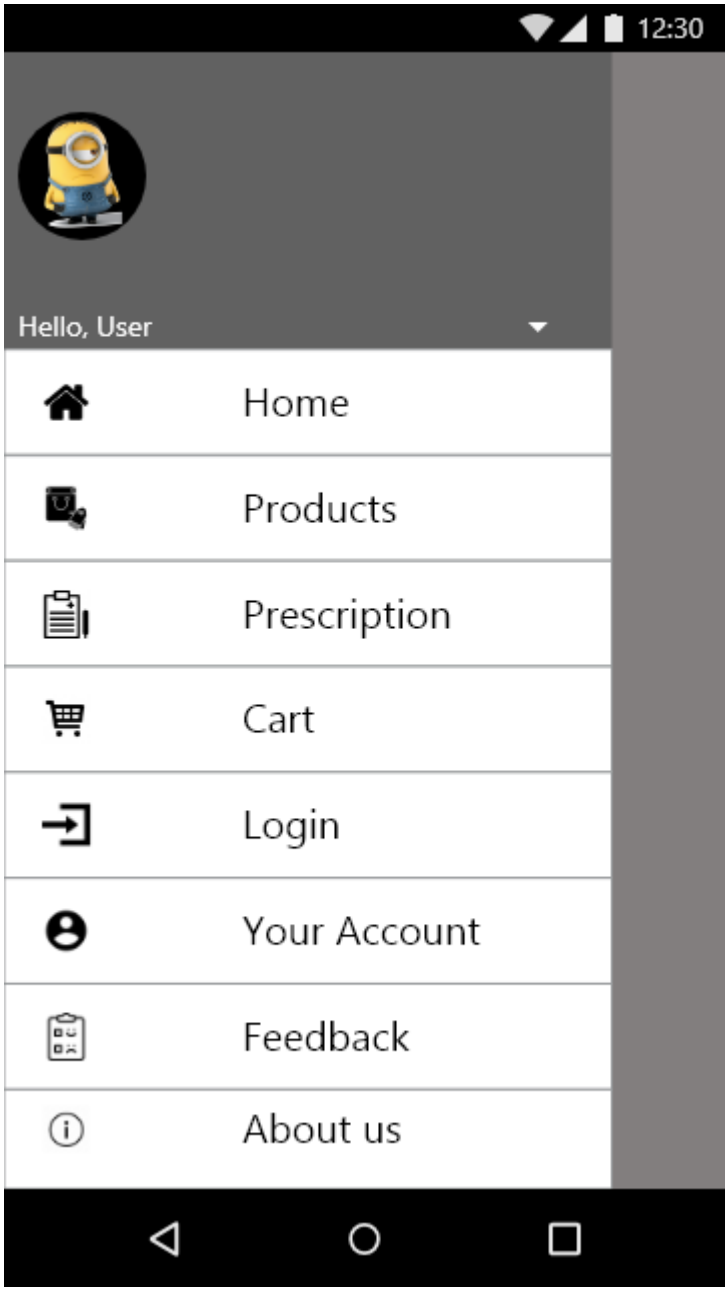


Fig 4.1.2 Menu Screen

Fig 4.1.3 Home Screen

Fig 4.1.4 All Products Screen

Fig 4.1.5 Product Detail Screen

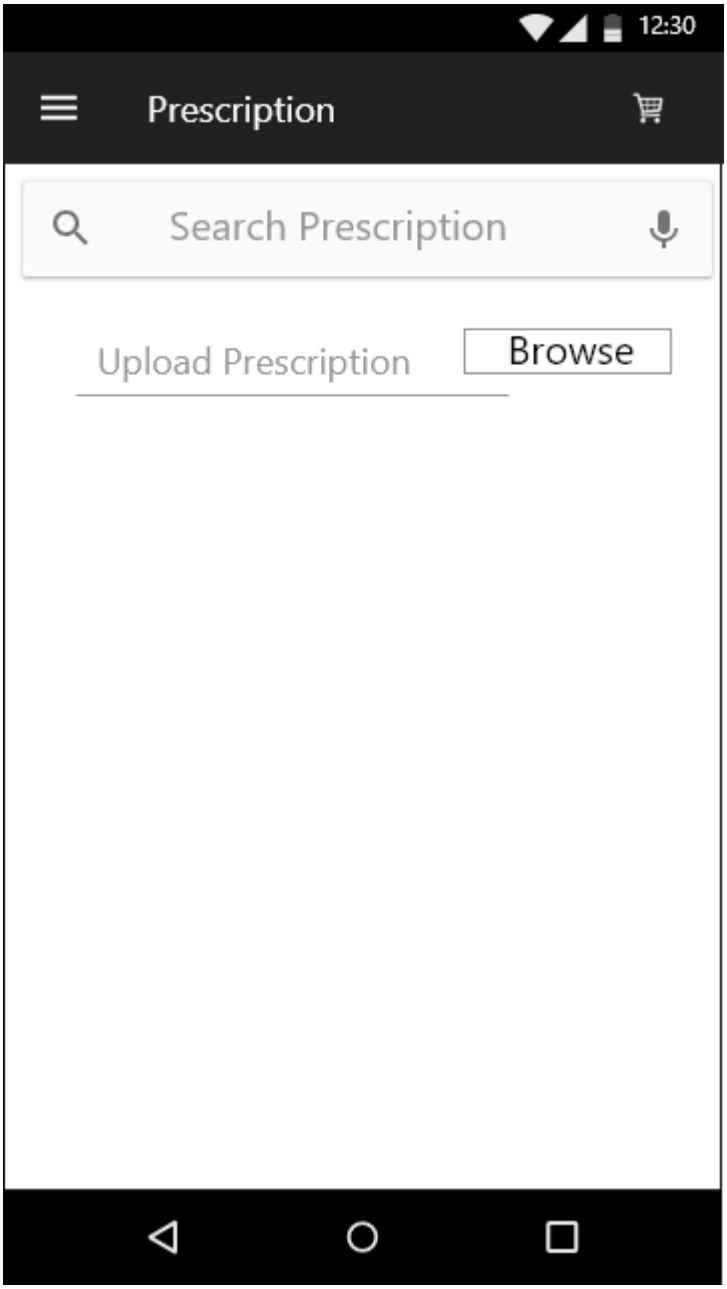


Fig 4.1.6 Prescription Screen

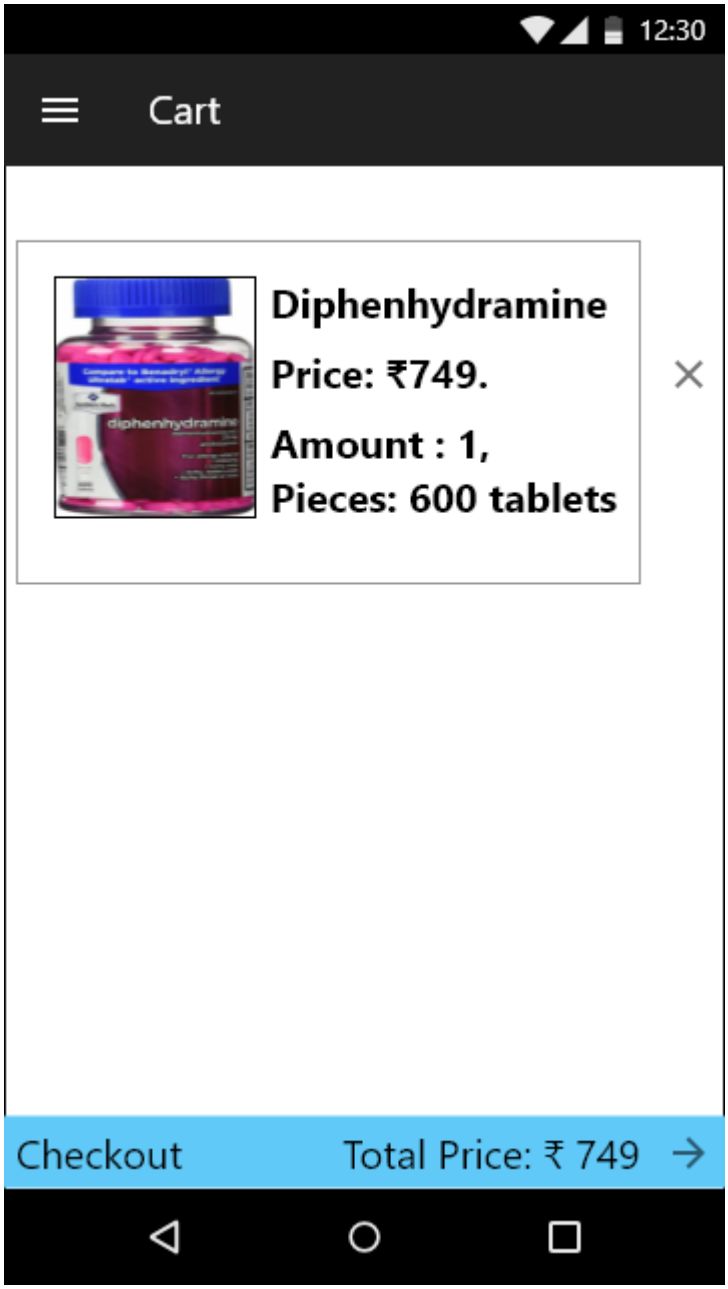


Fig 4.1.7 Add to Cart Screen

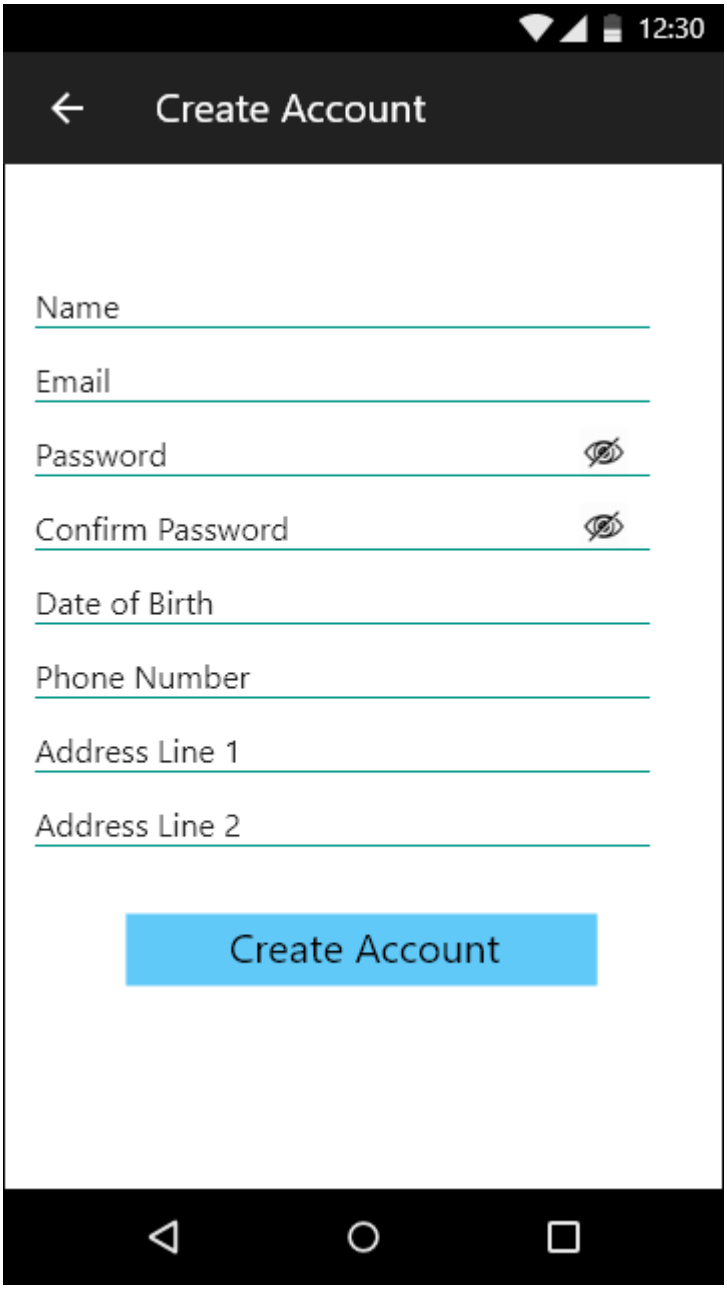
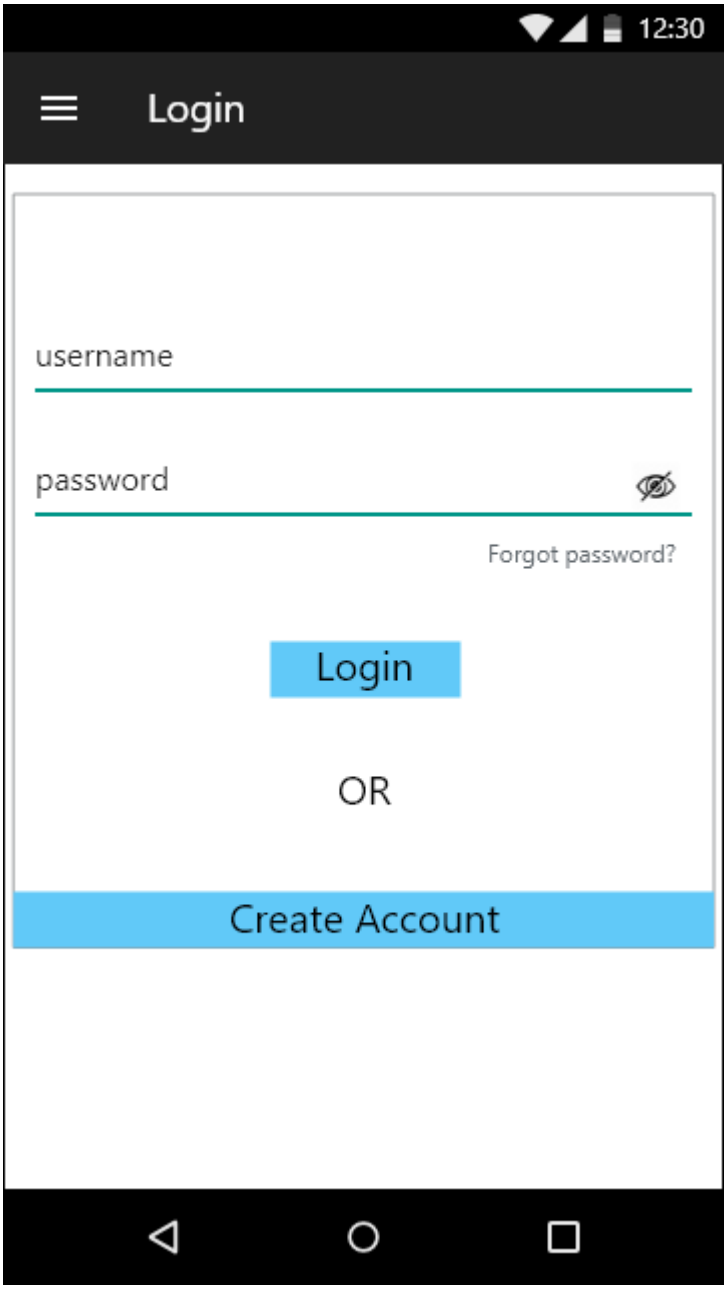


Fig 4.1.8 Create Account Screen



4.1.9 Login Screen

Fig

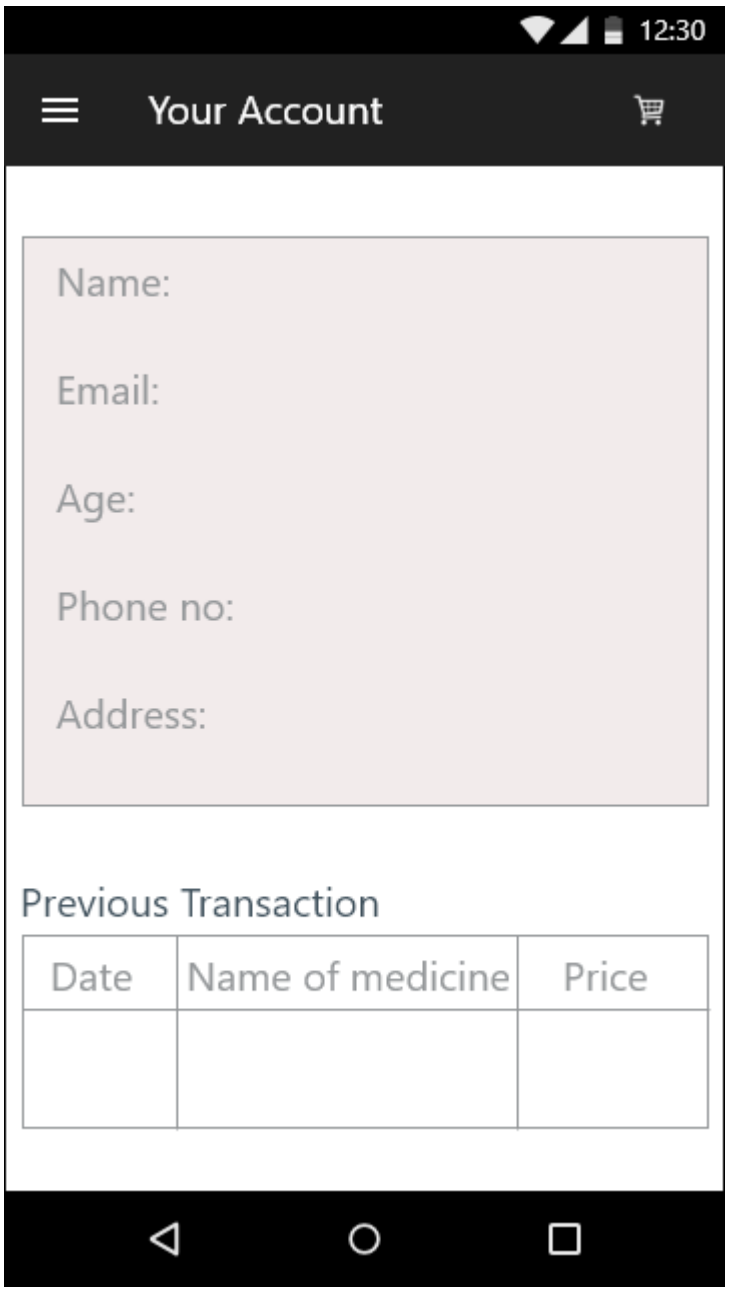


Fig 4.1.10 Your Account Screen

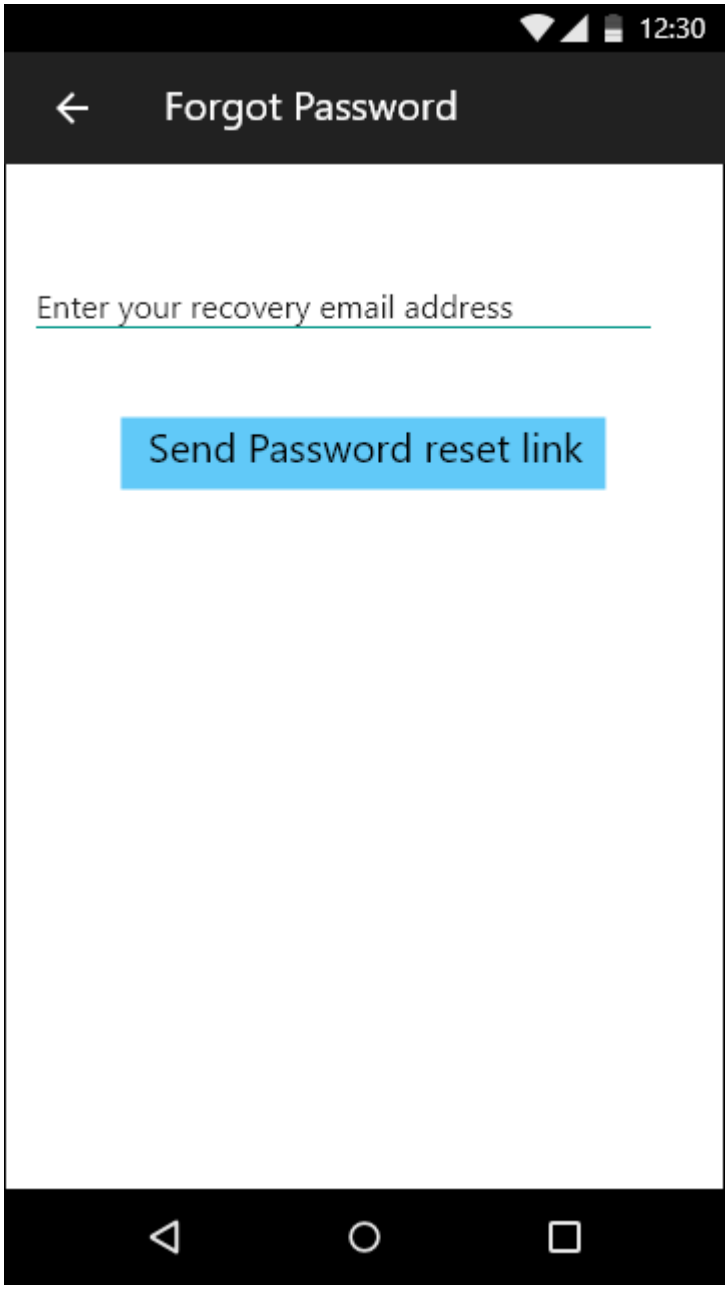


Fig 4.1.11 Forgot Password Screen

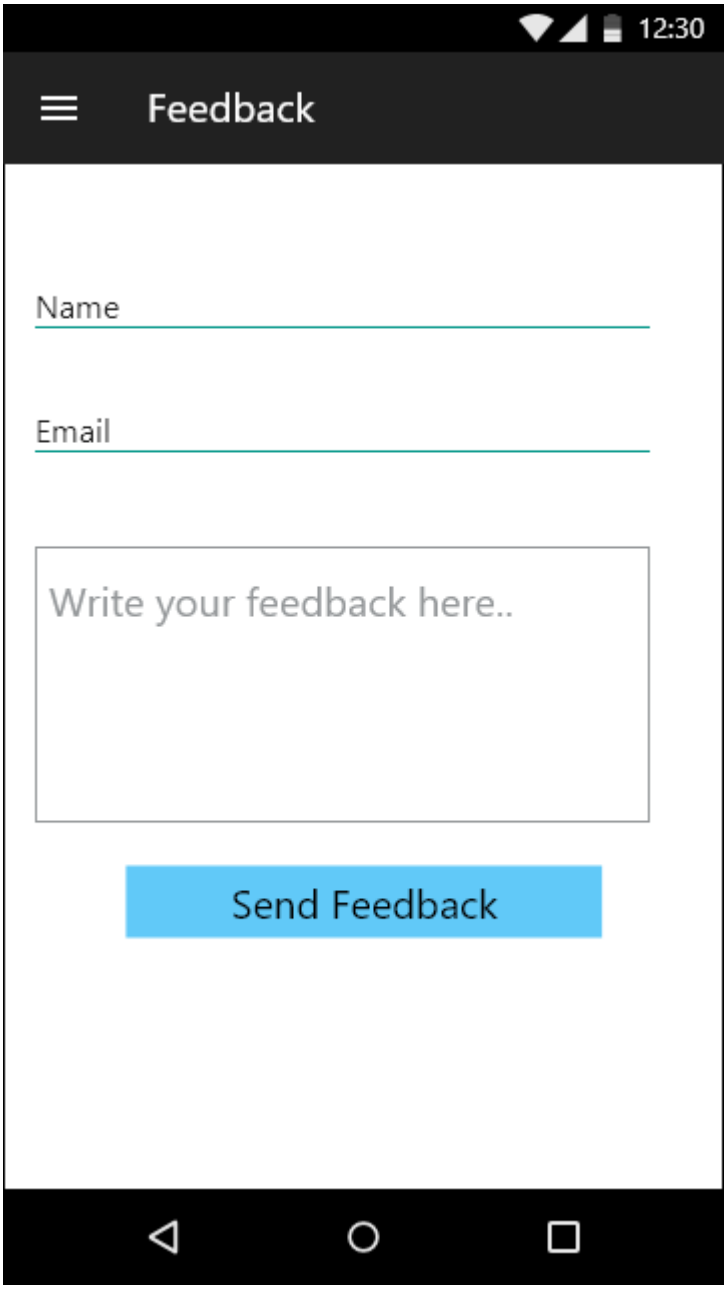


Fig 4.1.12 Feedback Screen

5. Conclusion & Future Work

- Our application will surely help the needy, the ones who cannot fulfil their body's health needs and will also compete with other applications, in the end teaching them that health really matters!

Scope of Future Work:

- We are planning to add the feature of Live Tracking in the future updates and that would allow the users to track the delivery status in real time.

6. References

www.google.com

www.wikipedia.org

www.youtube.com

www.quora.com

7. Project Phase 1

7.1 PPR (Periodic Progress Report)

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Shah Moxita Chetankumar		
EnrollmentNo	:	150810107047	Department :	Computer Engineering
MobileNo	:	9737948989	Discipline :	BE
Email	:	moxitashah19@gmail.com	Semester :	Semester 7

PPR Details

Periodic Progess Report : First PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have gathered the customer requirements and have decided the flow of our application.

2. What challenge you have faced ?

Gathering customer requirements was the biggest challenge at the beginning of our project.

3. What support you need ?

None

4. Which literature you have referred ?

researched online.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR1: Moxita Shah

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Shah Moxita Chetankumar		
EnrollmentNo	:	150810107047	Department :	Computer Engineering
MobileNo	:	9737948989	Discipline :	BE
Email	:	moxitashah19@gmail.com	Semester :	Semester 7

PPR Details

Periodic Progess Report : Second PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have also decided the databases that well need for our android application.

2. What challenge you have faced ?

Deciding what databases well need to make for admin and the products/solution our application will provide.

3. What support you need ?

None

4. Which literature you have referred ?

researched online.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR2: Moxita Shah

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Shah Moxita Chetankumar		
EnrollmentNo	:	150810107047	Department :	Computer Engineering
MobileNo	:	9737948989	Discipline :	BE
Email	:	moxitashah19@gmail.com	Semester :	Semester 7

PPR Details

Periodic Progess Report : Third PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have developed the UML diagrams of how our application will function.

2. What challenge you have faced ?

None

3. What support you need ?

None

4. Which literature you have referred ?

None

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Shah Moxita Chetankumar		
EnrollmentNo	:	150810107047	Department :	Computer Engineering
MobileNo	:	9737948989	Discipline :	BE
Email	:	moxitashah19@gmail.com	Semester :	Semester 7

PPR Details

Periodic Progess Report : Forth PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

Weve made a working prototype of our project application by using a UI designing software Adobe xD

2. What challenge you have faced ?

None.

3. What support you need ?

None.

4. Which literature you have referred ?

Online videos/Youtube.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR4: Moxita Shah

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Atul Jose		
EnrollmentNo	:	150810107003	Department	: Computer Engineering
MobileNo	:	9537914451	Discipline	: BE
Email	:	atuljose123@gmail.com	Semester	: Semester 7

PPR Details

Periodic Progess Report : First PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have gathered the customer requirements and have decided the flow of our application

2. What challenge you have faced ?

Gathering customer requirements was the biggest challenge at the beginning of our project.

3. What support you need ?

None.

4. Which literature you have referred ?

Researched online.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR1: Atul Jose

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR			
StudentName	:	Atul Jose			
EnrollmentNo	:	150810107003	Department	:	Computer Engineering
MobileNo	:	9537914451	Discipline	:	BE
Email	:	atuljose123@gmail.com	Semester	:	Semester 7

PPR Details

Periodic Progess Report : Second PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have also decided the databases that well need for our android application.

2. What challenge you have faced ?

Deciding what databases well need to make for admin and the products/solution our application will provide.

3. What support you need ?

None.

4. Which literature you have referred ?

None.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR2: Atul Jose

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Atul Jose		
EnrollmentNo	:	150810107003	Department	: Computer Engineering
MobileNo	:	9537914451	Discipline	: BE
Email	:	atuljose123@gmail.com	Semester	: Semester 7

PPR Details

Periodic Progess Report : Third PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have developed the UML diagrams of how our application will function.

2. What challenge you have faced ?

None.

3. What support you need ?

None.

4. Which literature you have referred ?

None.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR3: Atul Jose

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR			
StudentName	:	Atul Jose			
EnrollmentNo	:	150810107003	Department	:	Computer Engineering
MobileNo	:	9537914451	Discipline	:	BE
Email	:	atuljose123@gmail.com	Semester	:	Semester 7

PPR Details

Periodic Progess Report : Forth PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

Weve made a working prototype of our project application by using a UI designing software Adobe xD

2. What challenge you have faced ?

None.

3. What support you need ?

None.

4. Which literature you have referred ?

Online videos/Youtube.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR4: Atul Jose

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Trivedi Vrajesh Kuntal		
EnrollmentNo	:	150810107055	Department :	Computer Engineering
MobileNo	:	9409288425	Discipline :	BE
Email	:	trivedi.vrajesh007@gmail.com	Semester :	Semester 7

PPR Details

Periodic Progess Report : First PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have gathered the customer requirements and have decided the flow of our application.

2. What challenge you have faced ?

Gathering customer requirements was the biggest challenge at the beginning of our project.

3. What support you need ?

None.

4. Which literature you have referred ?

Researched online.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR1: Vrajesh Trivedi

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Trivedi Vrajesh Kuntal		
EnrollmentNo	:	150810107055	Department	: Computer Engineering
MobileNo	:	9409288425	Discipline	: BE
Email	:	trivedi.vrajesh007@gmail.com	Semester	: Semester 7

PPR Details

Periodic Progess Report : Second PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have also decided the databases that well need for our android application.

2. What challenge you have faced ?

Deciding what databases well need to make for admin and the products/solution our application will provide.

3. What support you need ?

None.

4. Which literature you have referred ?

None.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR2: Vrajesh Trivedi

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Trivedi Vrajesh Kuntal		
EnrollmentNo	:	150810107055	Department	: Computer Engineering
MobileNo	:	9409288425	Discipline	: BE
Email	:	trivedi.vrajesh007@gmail.com	Semester	: Semester 7

PPR Details

Periodic Progess Report : Third PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

We have developed all the UML diagrams of how our application will function.

2. What challenge you have faced ?

None.

3. What support you need ?

None.

4. Which literature you have referred ?

Researched online.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR3: Vrajesh Trivedi

College	:	VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY, BHOYAN RATHOD, GANDHINAGAR		
StudentName	:	Trivedi Vrajesh Kuntal		
EnrollmentNo	:	150810107055	Department :	Computer Engineering
MobileNo	:	9409288425	Discipline :	BE
Email	:	trivedi.vrajesh007@gmail.com	Semester :	Semester 7

PPR Details

Periodic Progess Report : Forth PPR

Project : GenDrug

Status : Submitted

1. What Progress you have made in the Project ?

Weve made a working prototype of our project application by using a UI designing software Adobe xD

2. What challenge you have faced ?

None.

3. What support you need ?

None.

4. Which literature you have referred ?

Online videos/ Youtube.

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None

PPR4: Vrajesh Trivedi

7.1 PSAR (Patent Search and Analysis Report)

Part - I : PATENT SEARCH TECHNIQUE USED

1. Patent Search Database Used	:	Google Patents
Web link of the Database	:	https://patents.google.com/
2. Keywords Used for Search	:	Generic ,medicine ,e-commerce app
3. Search String Used	:	Generic Medicine e-commerce app
4. Number of Results/Hits getting	:	7

Part - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

5. Category/Field of Invention	:	
6. Invention is Related to/Class of Invention	:	Mobile application
6a. IPC class of the studied patent	:	None
7. Title of Invention	:	Aid system to sell medicines, and thereof method
8. Patent No.	:	
9. Application No.	:	KR101409183B1
9a. Web link of the studied patent	:	https://patents.google.com/patent/KR101409183B1/en?q=generic&q=medicine&q=e-commerce&q=app&oq=generic+medicine+e-commerce+app
10. Date of Filing/Application	:	2013-09-16
11. Priority Date	:	2012-03-06
12. Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	KR20050003679A
13. Publication Date	:	2005-01-12
14. First Filled Country	:	114

15. Also Published as

We do not find any published data.

16. Inventor

Name of Inventor	Address/City/Country of Inventor
Yang Mingyu	Korea

17. Applicant

Name of Applicant/Assignee	Address/City/Country of Applicant
Yang Mingyu	Korea

18. Applicant for Patent is	:	Individual

Part - III : TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology/Art :

The technology that they made didn't let others buy generic medicines but only buy the branded medicines that nearby retailers could sell.

20. Specific Problem Solved/Objective of Invention :

The main objective of our application was to provide the needy who cannot buy the branded medicines, by providing them the generic medicines from a number of top retailers/sellers.

21. Brief about Invention :

GenDrug is an Android-based application for our college project, which is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines!

Our home page itself provides the users a way to search the prescription given by the doctor or search the generic medicines by the symptoms of their disease.

22. Key Learning Points :

The main learning point was to let users have a way to buy the cheaper generic medicines. How could someone who cannot afford the branded medicines buy them?

23. Summary of Invention :

Our application is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines.

There was no way to buy the generic medicines which are way cheaper than their branded counterparts in the earlier technology/application, which is the main thing we solved with our application.

24. Number of Claims : 20

25. Patent Status : Published Application

26. How much this invention is related with your IDP/UDP? : Not related to IDP/UDP, It's related to my area of interest

27. Do you have any idea to do anything around the said invention to improve it? :

We can provide the end customers with the way to buy the generic medicines from the top retailers, right from their home, and not just the branded counterparts. The main purpose should be to help those in need of the medicines but cannot afford them, shouldn't they be the one in good health too?

Part - I : PATENT SEARCH TECHNIQUE USED

1. Patent Search Database Used	:	Google Patents
Web link of the Database	:	https://patents.google.com/
2. Keywords Used for Search	:	generic ,medicine,online,app
3. Search String Used	:	generic medicine online app
4. Number of Results/Hits getting	:	4

Part - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

5. Category/Field of Invention	:	
6. Invention is Related to/Class of Invention	:	Mobile application
6a. IPC class of the studied patent	:	none
7. Title of Invention	:	Drug providing system based on drug shopping for customers, drug providing method using the same
8. Patent No.	:	
9. Application No.	:	KR20160108265A
9a. Web link of the studied patent	:	https://patents.google.com/patent/KR101816744B1/en?q=generic&q=medicine&q=online&q=app&oq=generic+medicine+online+app
10. Date of Filing/Application	:	25/08/2016
11. Priority Date	:	25/08/2016
12. Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	
13. Publication Date	:	
14. First Filled Country	:	114

15. Also Published as

We do not find any published data.

16. Inventor

Name of Inventor	Address/City/Country of Inventor
Hwang Gangchun Lim	Korea

17. Applicant

Name of Applicant/Assignee	Address/City/Country of Applicant
Hwang Gangchun Lim	Korea

18. Applicant for Patent is	:	Individual

Part - III : TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology/Art :

The technology that they made didn't let others buy generic medicines but only buy the branded medicines that nearby retailers could sell.

20. Specific Problem Solved/Objective of Invention :

The main objective of our application was to provide the needy who cannot buy the branded medicines, by providing them the generic medicines from a number of top retailers/sellers.

21. Brief about Invention :

GenDrug is an Android-based application for our college project, which is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines!

Our home page itself provides the users a way to search the prescription given by the doctor or search the generic medicines by the symptoms of their disease.

22. Key Learning Points :

The main learning point was to let users have a way to buy the cheaper generic medicines. How could someone who cannot afford the branded medicines buy them?

23. Summary of Invention :

Our application is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines.

There was no way to buy the generic medicines which are way cheaper than their branded counterparts in the earlier technology/application, which is the main thing we solved with our application.

24. Number of Claims : 20

25. Patent Status : Published Application

26. How much this invention is related with your IDP/UDP? : Not related to IDP/UDP, It's related to my area of interest

27. Do you have any idea to do anything around the said invention to improve it? :

We can provide the end customers with the way to buy the generic medicines from the top retailers, right from their home, and not just the branded counterparts. The main purpose should be to help those in need of the medicines but cannot afford them, shouldn't they be the one in good health too?

Part - I : PATENT SEARCH TECHNIQUE USED

1. Patent Search Database Used	:	Google Patents
Web link of the Database	:	https://patents.google.com/
2. Keywords Used for Search	:	generic,medicine,online,app
3. Search String Used	:	generic medicine online app
4. Number of Results/Hits getting	:	4

Part - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

5. Category/Field of Invention	:	
6. Invention is Related to/Class of Invention	:	Mobile application
6a. IPC class of the studied patent	:	none
7. Title of Invention	:	Method and device for providing merchandise related to medicines
8. Patent No.	:	
9. Application No.	:	JP2002123609A
9a. Web link of the studied patent	:	https://patents.google.com/patent/JP2002123609A/en?q=generic&q=medicine&q=online&q=app&oq=generic+medicine+online+app
10. Date of Filing/Application	:	2002-04-26
11. Priority Date	:	
12. Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	
13. Publication Date	:	
14. First Filled Country	:	108

15. Also Published as

We do not find any published data.

16. Inventor

Name of Inventor	Address/City/Country of Inventor
Inventor Yoshihiro	Japan
MiwaSoko Wakasa	Japan
Yoshihiro Miwa Senryu Wakasa	Japan

17. Applicant

Name of Applicant/Assignee	Address/City/Country of Applicant
Kowa Shinyaku Kk	Japan

18. Applicant for Patent is : Company

Part - III : TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology/Art :

The technology that they made didn't let others buy generic medicines but only buy the branded medicines that nearby retailers could sell.

20. Specific Problem Solved/Objective of Invention :

The main objective of our application was to provide the needy who cannot buy the branded medicines, by providing them the generic medicines from a number of top retailers/sellers.

21. Brief about Invention :

GenDrug is an Android-based application for our college project, which is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines!

Our home page itself provides the users a way to search the prescription given by the doctor or search the generic medicines by the symptoms of their disease.

22. Key Learning Points :

The main learning point was to let users have a way to buy the cheaper generic medicines. How could someone who cannot afford the branded medicines buy them?

23. Summary of Invention :

Our application is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines.

There was no way to buy the generic medicines which are way cheaper than their branded counterparts in the earlier technology/application, which is the main thing we solved with our application.

24. Number of Claims : 20

25. Patent Status : Published Application

26. How much this invention is related with your IDP/UDP? : Not related to IDP/UDP, It's related to my area of interest

27. Do you have any idea to do anything around the said invention to improve it? :

We can provide the end customers with the way to buy the generic medicines from the top retailers, right from their home, and not just the branded counterparts. The main purpose should be to help those in need of the medicines but cannot afford them, shouldn't they be the one in good health too?

Part - I : PATENT SEARCH TECHNIQUE USED

1. Patent Search Database Used	:	Google Patents
Web link of the Database	:	https://patents.google.com/
2. Keywords Used for Search	:	generic,medicine,online,app
3. Search String Used	:	generic medicine online app
4. Number of Results/Hits getting	:	4

Part - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

5. Category/Field of Invention	:	
6. Invention is Related to/Class of Invention	:	Mobile application
6a. IPC class of the studied patent	:	none
7. Title of Invention	:	Medicine trade system and method
8. Patent No.	:	
9. Application No.	:	KR20080016838A
9a. Web link of the studied patent	:	https://patents.google.com/patent/KR100893626B1/en?q=generic&q=medicine&q=online&q=app&oq=generic+medicine+online+app
10. Date of Filing/Application	:	25/02/2008
11. Priority Date	:	
12. Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	
13. Publication Date	:	
14. First Filled Country	:	114

15. Also Published as

We do not find any published data.

16. Inventor

Name of Inventor	Address/City/Country of Inventor
Kim Young Sik	Korea

17. Applicant

Name of Applicant/Assignee	Address/City/Country of Applicant
KPAM TECH CO LTD	Korea

18. Applicant for Patent is : Company

Part - III : TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology/Art :

The technology that they made didn't let others buy generic medicines but only buy the branded medicines that nearby retailers could sell.

20. Specific Problem Solved/Objective of Invention :

The main objective of our application was to provide the needy who cannot buy the branded medicines, by providing them the generic medicines from a number of top retailers/sellers.

21. Brief about Invention :

GenDrug is an Android-based application for our college project, which is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines!

Our home page itself provides the users a way to search the prescription given by the doctor or search the generic medicines by the symptoms of their disease.

22. Key Learning Points :

The main learning point was to let users have a way to buy the cheaper generic medicines. How could someone who cannot afford the branded medicines buy them?

23. Summary of Invention :

Our application is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines.

There was no way to buy the generic medicines which are way cheaper than their branded counterparts in the earlier technology/application, which is the main thing we solved with our application.

24. Number of Claims : 20

25. Patent Status : Published Application

26. How much this invention is related with your IDP/UDP? : Not related to IDP/UDP, It's related to my area of interest

27. Do you have any idea to do anything around the said invention to improve it? :

We can provide the end customers with the way to buy the generic medicines from the top retailers, right from their home, and not just the branded counterparts. The main purpose should be to help those in need of the medicines but cannot afford them, shouldn't they be the one in good health too?

Part - I : PATENT SEARCH TECHNIQUE USED

1. Patent Search Database Used	:	Google Patents
Web link of the Database	:	https://patents.google.com/
2. Keywords Used for Search	:	generic,medicine,online,app
3. Search String Used	:	generic medicine online app
4. Number of Results/Hits getting	:	4

Part - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

5. Category/Field of Invention	:	
6. Invention is Related to/Class of Invention	:	Mobile application
6a. IPC class of the studied patent	:	none
7. Title of Invention	:	Electronic commercing drugs system constructed ERM and method for employing thereof
8. Patent No.	:	
9. Application No.	:	KR20020080993A
9a. Web link of the studied patent	:	https://patents.google.com/patent/KR100446251B1/en?q=generic&q=medicine&q=online&q=app&oq=generic+medicine+online+app
10. Date of Filing/Application	:	26/10/2002
11. Priority Date	:	
12. Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	
13. Publication Date	:	
14. First Filled Country	:	114

15. Also Published as

We do not find any published data.

16. Inventor

Name of Inventor	Address/City/Country of Inventor
Hwang Kang Chun	korea
Lim Soo Hwan	korea

17. Applicant

Name of Applicant/Assignee	Address/City/Country of Applicant
aya	korea

18. Applicant for Patent is : Company

Part - III : TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology/Art :

The technology that they made didn't let others buy generic medicines but only buy the branded medicines that nearby retailers could sell.

20. Specific Problem Solved/Objective of Invention :

The main objective of our application was to provide the needy who cannot buy the branded medicines, by providing them the generic medicines from a number of top retailers/sellers.

21. Brief about Invention :

GenDrug is an Android-based application for our college project, which is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines!

Our home page itself provides the users a way to search the prescription given by the doctor or search the generic medicines by the symptoms of their disease.

22. Key Learning Points :

The main learning point was to let users have a way to buy the cheaper generic medicines. How could someone who cannot afford the branded medicines buy them?

23. Summary of Invention :

Our application is basically an Online Generic Medicine store which provides Generic medicines to the users who may not have enough money to buy the branded medicines. Users can search the generic medicines from our store by searching the medicines prescribed by the doctor or by searching the symptoms of a particular disease. Our main goal is to help those who cannot afford to buy the Branded medicines.

There was no way to buy the generic medicines which are way cheaper than their branded counterparts in the earlier technology/application, which is the main thing we solved with our application.

24. Number of Claims : 20

25. Patent Status : Published Application

26. How much this invention is related with your IDP/UDP? : Not related to IDP/UDP, It's related to my area of interest

27. Do you have any idea to do anything around the said invention to improve it? :

We can provide the end customers with the way to buy the generic medicines from the top retailers, right from their home, and not just the branded counterparts. The main purpose should be to help those in need of the medicines but cannot afford them, shouldn't they be the one in good health too?