

1. DDU Profile

Dharmsinh Desai University



(Formerly D.D.Institute of
Technology)
ISO 9001:2008
Nadiad - 387 001, Gujarat, India.

D.D. University (formerly known as DDIT), was established in June 1968 by Late Shri Dharmsinh Desai (then Member of Parliament), with a view to provide quality education in Engineering and Technology to the youth of Gujarat and was affiliated to Gujarat University. Having modesty started with Diploma and Degree courses in Chemical Engineering. It has by now grown as top most Institute of Gujarat offering Graduate and Post Graduate level courses in various disciplines, and ultimately has become a State University in the year 2005. This University offers Graduate and Post Graduate level courses in various disciplines and Master of Computer Applications (MCA) is being run under Faculty of Management and Information

Science since 1987. The University has also received ISO-9001:2008 Certification from ISOQAR and have also acquired NAAC accreditation. **DDU's** Vision is to become a multi-disciplined & 'learner oriented' university to closely associate with & be responsive to the Industry, to create supportive & caring environment for staff & students and to engage in R & D activities in areas of national priority. **DDU's** Mission is to undertake programs and projects for development of human resources, both through formal and non formal delivery systems, in areas of professional pursuits in all walks of human endeavours, with accent on relevance, value addition, societal needs and futuristic pilot projects.

D.D. University is being guided by the vision laid down by its founding Chairman Late Shri Dharmsinh Desai, the present Chairman Dr. Narendra Desai and under a strong and dynamic leadership of Vice-chancellor Dr. H.M.Desai.

2. Project Profile

Project title	Textile Design And Trade
Project Members	Yuvraj Mori (MA026) Meet Shah (MA041)
Objective	Our Main Aim to provide hands on facility through app to textile business and designers.
Front End	Android
Back End	MYSQL
Supporting Tools	MS Word, MS Powerpoint, MS Visio.
Project Guide	Dr. Ajay N. Roy

3. Tools and Technology

Software	Android Studio
Operating System	Android
Version	API:24 Android 7.1 (Nougat)
Database	MySQL
Microprocessor	Dual-core 64-bit processor
Internal Storage	8 GB
RAM	1 GB

Android



- **Android software development** is the process by which new applications are created for devices running the Android operating system. Google states that, Android apps can be written using Kotlin, Java, and C++ languages using the Android software development kit (SDK), while using other languages is also possible.
- All non-JVM languages, such as Go (JavaScript, C, C++ or assembly), need the help of JVM language code, that may be supplied by tools, likely with restricted API support. Some languages/programming tools allow cross-platform app support, i.e. for both Android and iOS.
- Third party tools, development environments and language support have also continued to evolve and expand since the initial SDK was released in 2008. In addition, with major business entities like Walmart, Amazon, Bank of America etc. eyeing to engage and sell through mobiles, mobile application development is witnessing a transformation.

- The Android software development kit (SDK) includes a comprehensive set of development tools.^[6] These include a debugger, libraries, a handset emulator based on QEMU, documentation, sample code, and tutorials.
- Currently supported development platforms include computers running Linux (any modern desktop Linux distribution), Mac OS X 10.5.8 or later, and Windows 7 or later. As of March 2015, the SDK is not available on Android itself, but software development is possible by using specialized Android applications.
- The Android SDK Platform Tools are a separately downloadable subset of the full SDK, consisting of command-line tools such as adb and fastboot. Native libraries can be called from Java code running under the Android Runtime using System.loadLibrary, part of the standard Android Java classes

MYSQL

- MYSQL is a Relational Database Management System (RDBMS). MySQL is an open-source relational database management system (RDBMS).
- Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements.
- MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation.^[8] For proprietary use, several paid editions are available, and offer additional functionality. SQL Server comes with a number of tools to help you with your database administration and programming tasks

Some typical database administration and programming tasks could include:

- Create & maintain databases
- Create & maintain tables
- Create & maintain other database objects such as stored procedures, views, etc.

- Create & maintain and schedule data backups, Replication (eg. , create a copy of the database)
- Create & maintain users, roles, etc.
- Optimization tasks
- These are some of many tasks that a database administrator (DBA) might need to perform. MYSQL provide functionality for performing these tasks.

4. Planning

4.1 Project Definition.

Project title: Textile Design and Trade

OverView:

Textile Design and Trade system greatly simplifies the pattern designing and ordering process for the customer, pattern-designer and machine owner. In Todays market for the textile design there are such expensive machines required and these machines are very costly for designing the textile patterns. So everyone can not afford it. That's why we are wondering that if in that place of this traditional process if one application is there then this process becomes very easy and useful.

System presents an interactive and up to date textile designs with all available options in an easy to use manner. Customer can choose one or more designs to place an order which will land in the Cart. Customer can view all the order details in the cart before checking out. At the end, customer gets order confirmation details. Once the order is placed it is entered in the database and retrieved in pretty much real time. This allows Machine owner to quickly go through the orders as they are received and process all orders efficiently and effectively with minimal delays and confusion.

Scope:

There are some scope for the current system to which solutions can be provided as a future development:

1. The system will be configured for multi-users at this time. The concept of Transaction can be used to achieve this. But sometimes increasing user at a one time it creates the one problem that is getting the data from the server's speed is slow down.
2. The application is not accessible to everyone. It can be deployed on a Server so that everybody who is connected to the Internet can use it.
3. Credit Card validation is not done. Third party proprietary software can be used for validation check.
4. So our system is mainly used for designing the textile patterns and ordering the different patterns.

Review Of Existing System:

Currently there are very complex systems to purchase the textile design. Most textile design starts with drawing. A designer sketches possible ideas with pencil and paper or with computer-aided drawing software, known as CAD.

CAD software is used to make very precise two-dimensional or three-dimensional illustrations on the computer screen. Using this technology, it's easier for a designer to make changes or modifications to a pattern as the work progresses.

CAD programs also let designers create woven or knitted fabrics by deciding on patterns and colors of individual threads and producing detailed drawings of what they may look like. When a textile designer chooses a specific weave or design element, they also have to decide on color and, if the design is a printed image, the color of the background fabric. There are even people called textile colorists who specialize in consulting on color trends and effects.

Textile designers also decide how large the design will be and the number of repeats, or how many times it's printed on the fabric.

Advantages and functionality of the system:

The textile industry is a global market that affects every country in the world. Through Our Application we can also grow with the traditional system advantages.

Many artificial heart valves and vessels, hip joints, and other medical implants are made with textiles, devices that have improved the lives of many people. Firemen also use textiles, from gear made with fire repellent materials to hoses that can be rolled up and put away. Dental uses like toothbrushes and floss are also composed of textiles. Military uses include camouflage clothing, gear, and bags. Without these items, soldiers would be unable to blend into their environment or effectively carry their gear into the field.

Kevlar, used in bulletproof vests, helmets, and other safety gear, is the market standard for safety materials. It's found in items used by the military and police.

Technical Textile is gaining popularity among the people for its multi dimensional advantages. It's a consumer driven product and it has great demand in the market. The advantages of technical textile are given below. They are-

- Functional Requirement
- Cost Effectiveness
- Health and Safety
- Durability
- Light weight
- High Strength
- Versatility
- Customization
- User Friendly
- Eco-Friendliness

Targeted end users:

Administrator:

Admin maintain the whole system and do the all process related to their system and work like price maintenance, transactions, report generation and etc.

Patterns Designer:

Pattern Designer is design the textile designs and Upload their developed designs into the systems.

Buyer:

Customers can buy the products from the system and can see the price for different products.

Machine-owner:

Machine-owner can also buy the textile designs from the systems and also machine owner put the design into their machine and get the print of it

4.2 Preliminary Investigation

To studying this system some problem was derived as below-

Textile Design and Trade Provide Hands on Facility to see the various design but in real it may be some different because of some graphic problems.

Globalization is a huge term. It has come to be used in every industry and in every geographical location. It has influenced trade and commerce of all types. It has brought countries together. There was no way warring countries could be united except for by trade.

But now we are only available to provide our service to the Gujarat State.

While placing an order over the phone, customer lacks the physical copy of the desing item, lack of visual confirmation that the order progress create the problem..

Even textile industry needs certain employees to take the order over phone or in person, to offer a rich designing experience and process the payment. In today's market, labor rates are increasing day by day making it difficult to find employees when needed.

4.3 Selecting the project development Strategy

OOSD

The major phases of software development using object- oriented methodology are object-oriented analysis, object-oriented design, and object-oriented implementation.

Object-Oriented Analysis

In this stage, the problem is formulated, user requirements are identified, and then a model is built based upon real-world objects. The analysis produces models on how the desired system should function and how it must be developed. The models do not include any implementation details so that it can be understood and examined by any non-technical application expert.

This tool follows OOSD development strategy for the project:

It uses OOSD (Object Oriented System Development). OO Development offers a different model from the traditional software development approach, which is based on functions & procedures. In simplified terms, OOSD is a way to develop software by building self-contained modules or objects that can be easily replaced, modified and reused. In Object Oriented environment, software is a collection of discrete objects that encapsulate their data as well as the functionality to model real world “Objects”.

OOSD gives the facility of Use-case diagram, Class diagram, Sequence diagram, Activity diagram etc. to identify the flow of the project.

The identification of classes is done with the help of noun-phrase method and it gives the Sequence diagram and Use case diagram of whole system and also individual modules.

Object-Oriented Design

Object-oriented design includes two main stages, namely, system design and object design.

1. System Design

In this stage, the complete architecture of the desired system is designed. The system is conceived as a set of interacting subsystems that in turn is composed of a hierarchy of interacting objects, grouped into classes. System design is done according to both the system analysis model and the proposed system architecture. Here, the emphasis is on the objects comprising the system rather than the processes in the system.

2. Object Design

In this phase, a design model is developed based on both the models developed in the system analysis phase and the architecture designed in the system design phase. All the classes required are identified. The designer decides whether

- New classes are to be created from scratch,
- any existing classes can be used in their original form, or
- New classes should be inherited from the existing classes.

The associations between the identified classes are established and the hierarchies of classes are identified. Besides, the developer designs the internal details of the classes and their associations, i.e., the data structure for each attribute and the algorithms for the operations.

The conceptual framework of object-oriented systems is based upon the object model. There are two categories of elements in an object-oriented system

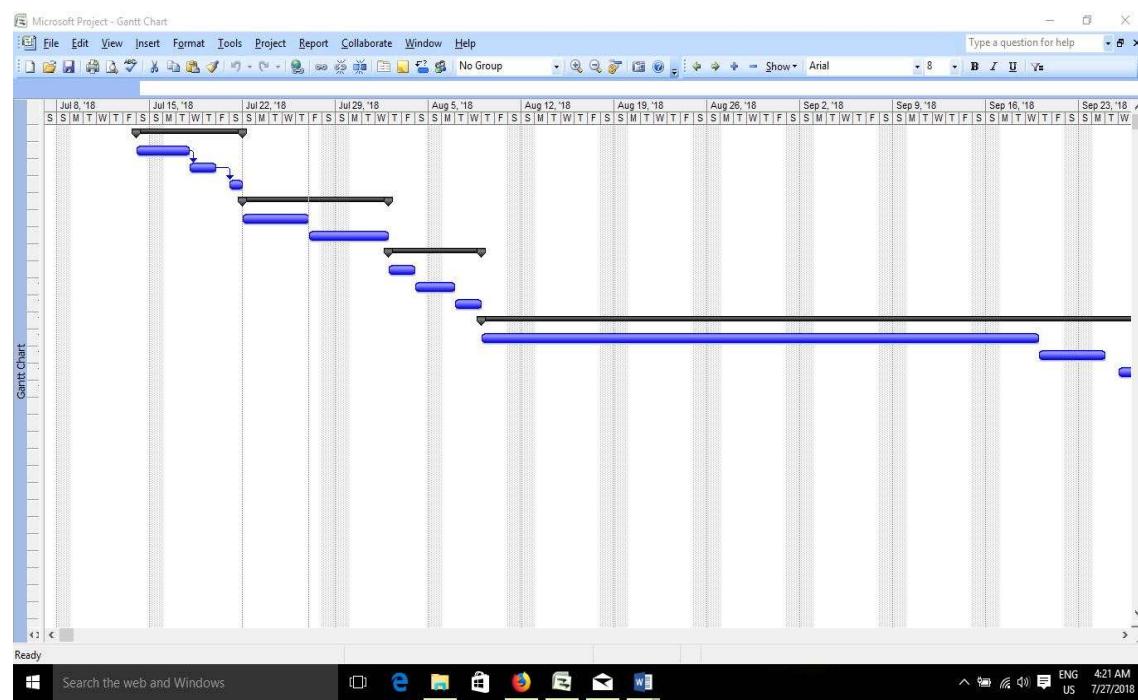
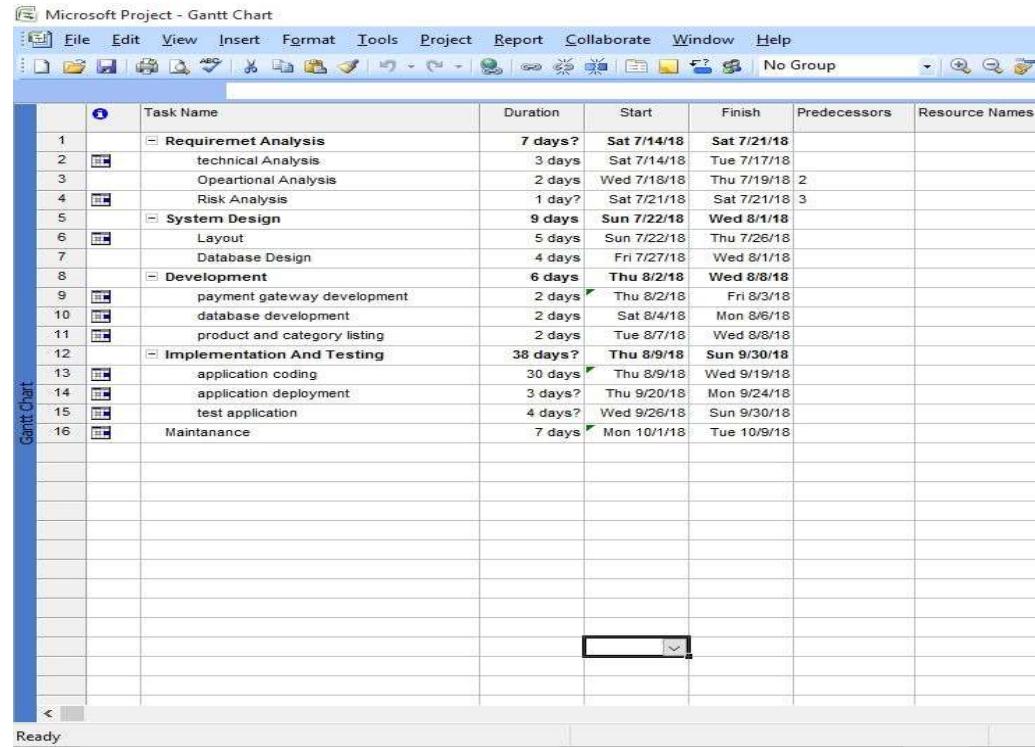
Major Elements – by major, it is meant that if a model does not have any one of these elements, it ceases to be object oriented. The four major elements are

- Abstraction
- Encapsulation
- Modularity
- Hierarchy

Minor Elements – by minor, it is meant that these elements are useful, but not indispensable part of the object model. The three minor elements are

4.4 Development Work Plan

Gantt chart



5. System analysis

5.1. Requirement determination

Before developing an elegant software, best way to identify basic needs and functionality is to take interview of director and management who are working in that specific area addressed by proposed application.

5.1.1 Feasibility study

Feasibility Study is the measure of how beneficial the development of information system will be to an organization.

The feasibility analysis is categorized under four different types.

1. Operational Feasibility
2. Technical Feasibility
3. Schedule Feasibility
4. Economic Feasibility

Operational Feasibility:

- This is necessary to know whether the system is operationally feasible. It checks whether the system is flexible for the user to use and whether all the operations are working correctly and effectively. The newly developed Textile Design and Trade system satisfies all the operational conditions.
- Proposed system can support all type of users, who has limited knowledge in computing why because the system provides a user interactive GUI created by using simple language. This is just a thing to install the software on the system, and then it's a matter of going through each area of the software that you want to control.

Technical Feasibility:

- There may be a number of technical issues, which are generally raised during the feasibility stage of the investigation. Programming languages, other hardware and software specifications are easily available for this system development. Hence the proposed system is technically feasible. The considerations that are normally associated technical feasibility include.
 - Development Risk.
 - Resource Availability.
 - Technology.

Schedule Feasibility:

- Schedule feasibility corresponds to whether sufficient time is available to complete the project.
- For the development of our textile project we have sufficient time to develop and publish to the server.

Economic Feasibility

- The proposed system insures very low cost for the development and implementation. The system can work on systems with a configuration and connectivity which causes no excessive cost for implementation or usage.
- Data charge is the only cost that incurred once the software is installed on the system. The study is carried out to check the economic impact that the system will have on the organization.
- The system being developed is economic with respect to Textile trade of view. It is cost effective in the sense that has eliminated the paper work completely.
- Thus the developed system is well within the budget and this was achieved because most of the technologies used are freely available.

5.2 Requirement Specification

Functional Requirement:

1 Admin:

Price Maintenance:

Admin set the price and margin for their products and that product price will show in system for customer

Report Generation:

Admin generate the invoice for the customers who order the products from the system. In the invoice it contains the products list and price.

Accept Seller Request:

Seller apply for their own products for selling so for that admin check the product and then allow it.

Transactions:

Admin can accept the payment from buyer in many different ways like via net banking, through credit and debit cards and in many ways.

Maintenance:

Admin handle the whole system so other maintenance are required for the system like stock handling, employee salary and many others are required.

Housekeeping Module:

This module deals with backing up of data for future references and hence to reduce the database size

Design Constraints:

There are few constraints that the system should follow. They are:

All the inputs should be checked for validation and messages should be given for the improper data. The invalid data are to be ignored and error messages should be given.

Details provided by the vendor during his sign up should be stored in database.

While adding the products to the system, mandatory fields must be checked for validation whether the vendor has filled appropriate data in these mandatory fields. If not, proper error message should be displayed or else the data is to be stored in database for later retrieval. All mandatory fields should be filled by customer, while buying the items from the cart.

2. Pattern Designer:**Apply for selling:**

Pattern designer can apply their products to the system.

Registration:

Pattern Designer can register themselves into the system.

3 Buyer:**Order:**

Buyer can search the different products and then place the order for it from the system.

Payment:

For the order payment, buyer can do the payment in many ways to the admin for their products.

Registration:

Buyer can register themselves into the system.

Non Functional Requirements:

Safety Requirements

There are several user levels in textile design and trade system, Access to the various subsystems will be protected by a user log in screen that requires a user name and password. This gives different views and accessible functions of user levels through the system. Maintaining backups ensure the system database security. System can be restoring in any case of emergency.

Security Requirements

Users will be able to log in to the textile design and trade System. Owner will have access to the Management system. Owner has the maximum privilege to all subsystems. Access to the various subsystems will be protected by a user log in screen that requires a user name and password.

Other Requirements

When the system is completely developed and submitted to the client, few sessions will be required to make the users of the system understand about the functionality of it and some time to adapt to the system. After those sessions, it's required that a member from the development team should spend some time in the system background for an agreed time period. That time period will be used in identifying new bugs that could not be reached in the earlier phases of the development process.

User Interfaces:

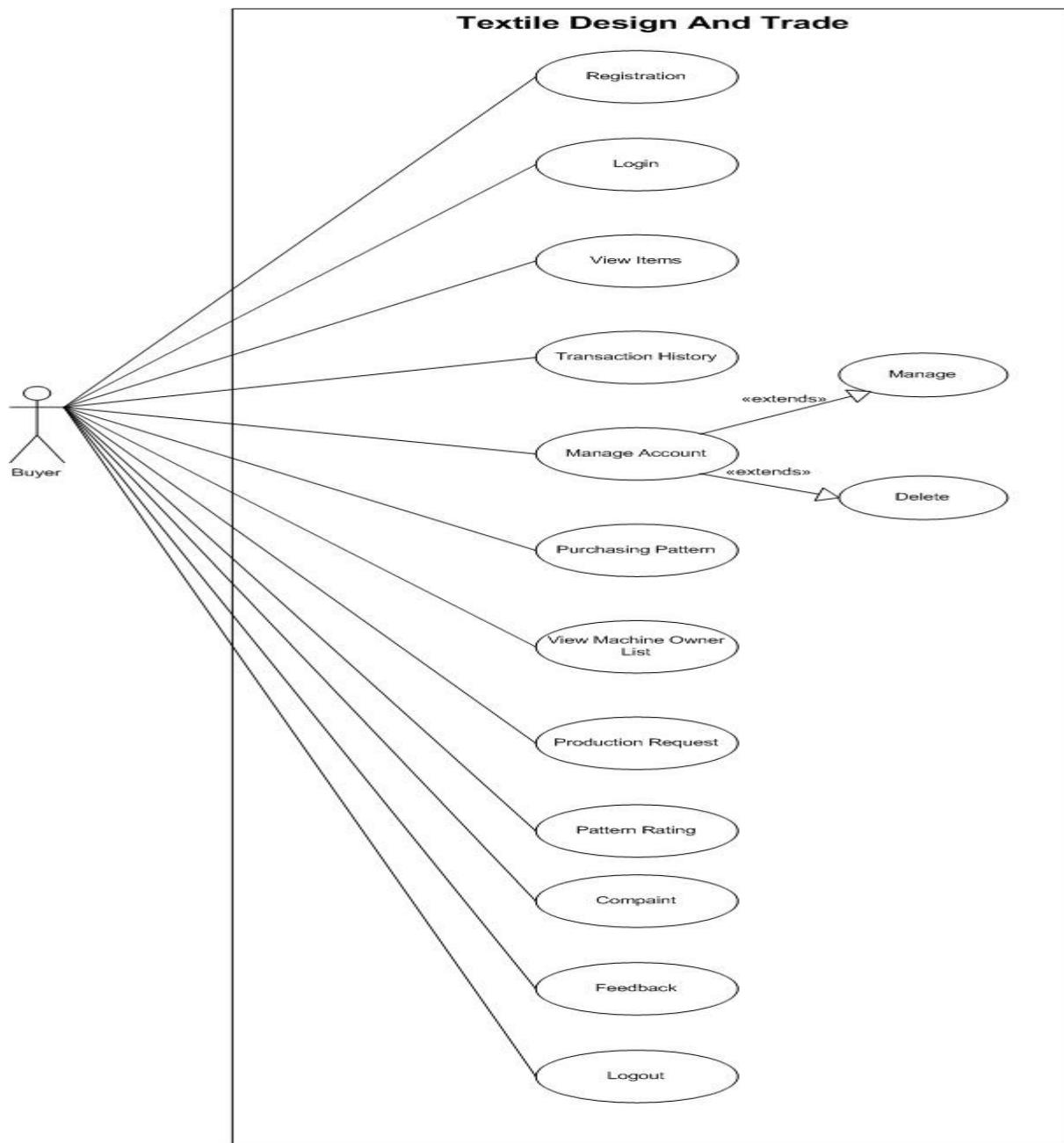
- At the start, there will be a login screen where the user have to enter its login name and password to authenticate himself.
- After the login, a home screen will be displayed showing all the information and operations provided by the system.
- All the operations available at the home screen will have a specific routine that will be followed up in order to complete that operation. For each operation, a different screen will be displayed demanding and providing the information regarding the operation.
- Each part of the user interface intends to be as user friendly as possible. The fonts and buttons used will be intended to be very fast and easy to load on android device. The pages will be kept light in space so that it won't take a long time for to load.

6.System Design

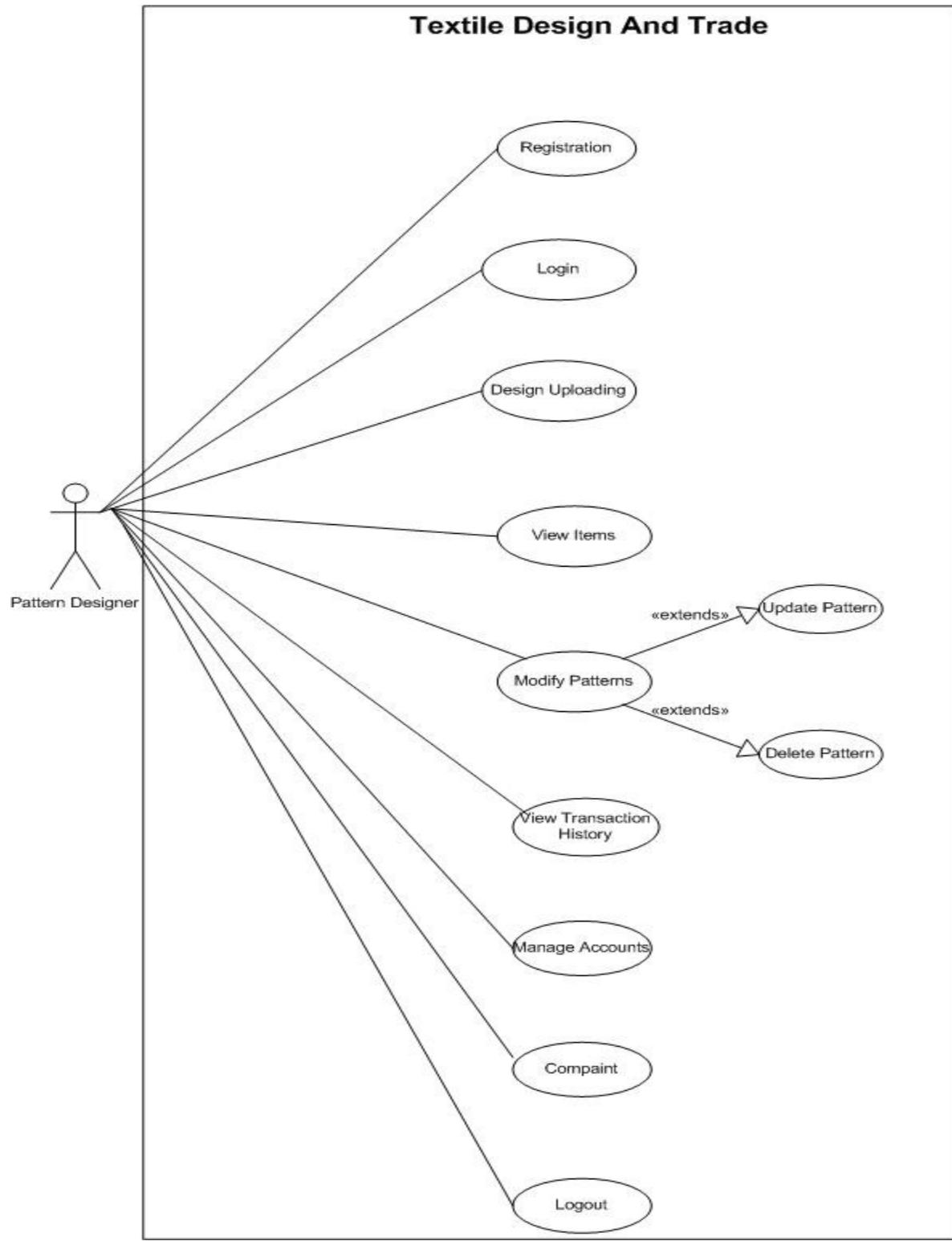
6.1. Architectural design

6.1.1 Use Case Diagram

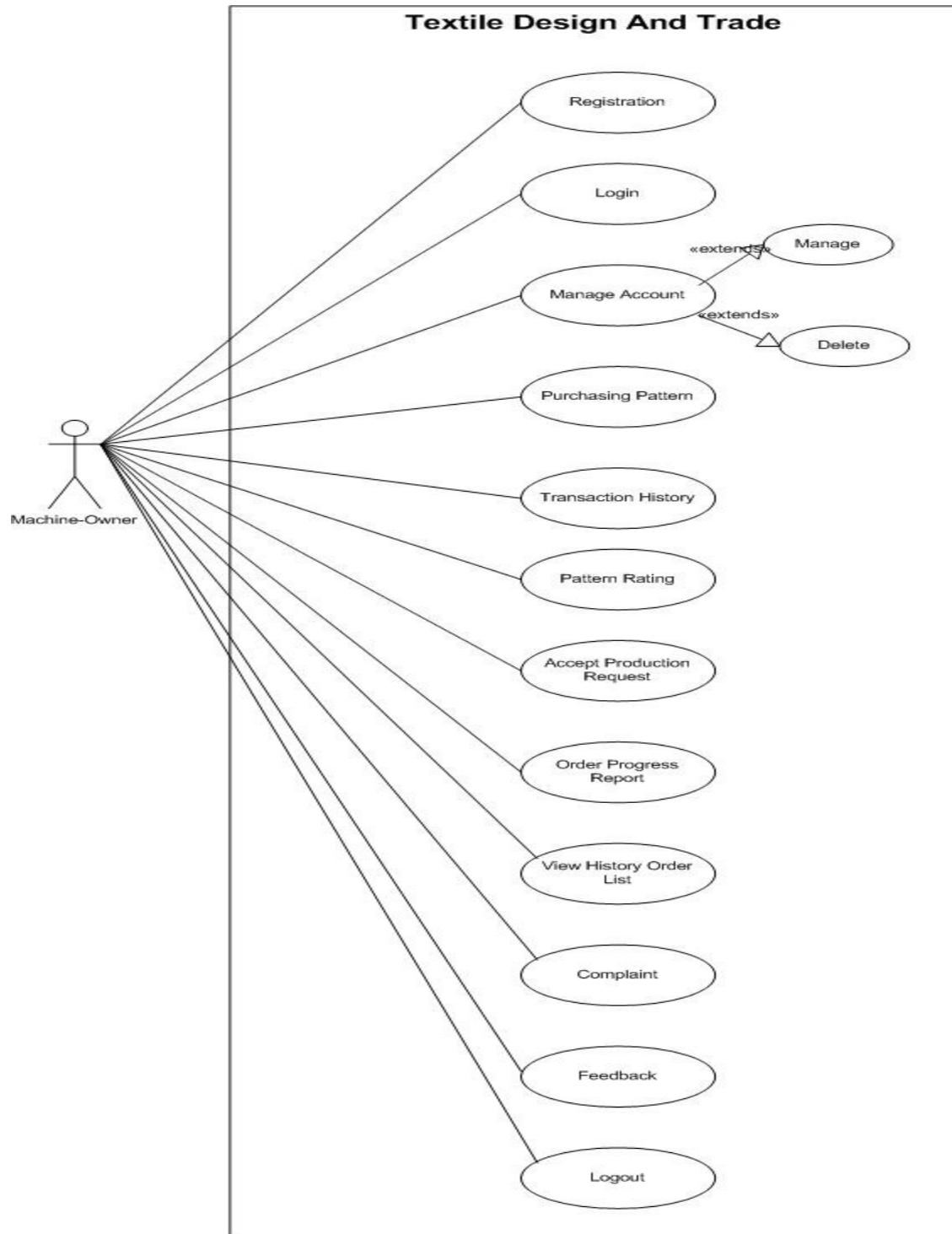
1 Pattern Buyer: It used to describe a set of actions (use cases) that some system or systems (subject) should or can perform in collaboration with one or more external users of the system (actors). Each use case of pattern buyer should provide some observable and valuable result to the actors or other stakeholders of the system.



2 Pattern Designer: It used to describe the set of actions (use cases) that are performed by the pattern designer.



3.Machine Owner: It used to describe the set of actions(use cases) that is performed by the Machine-owner.



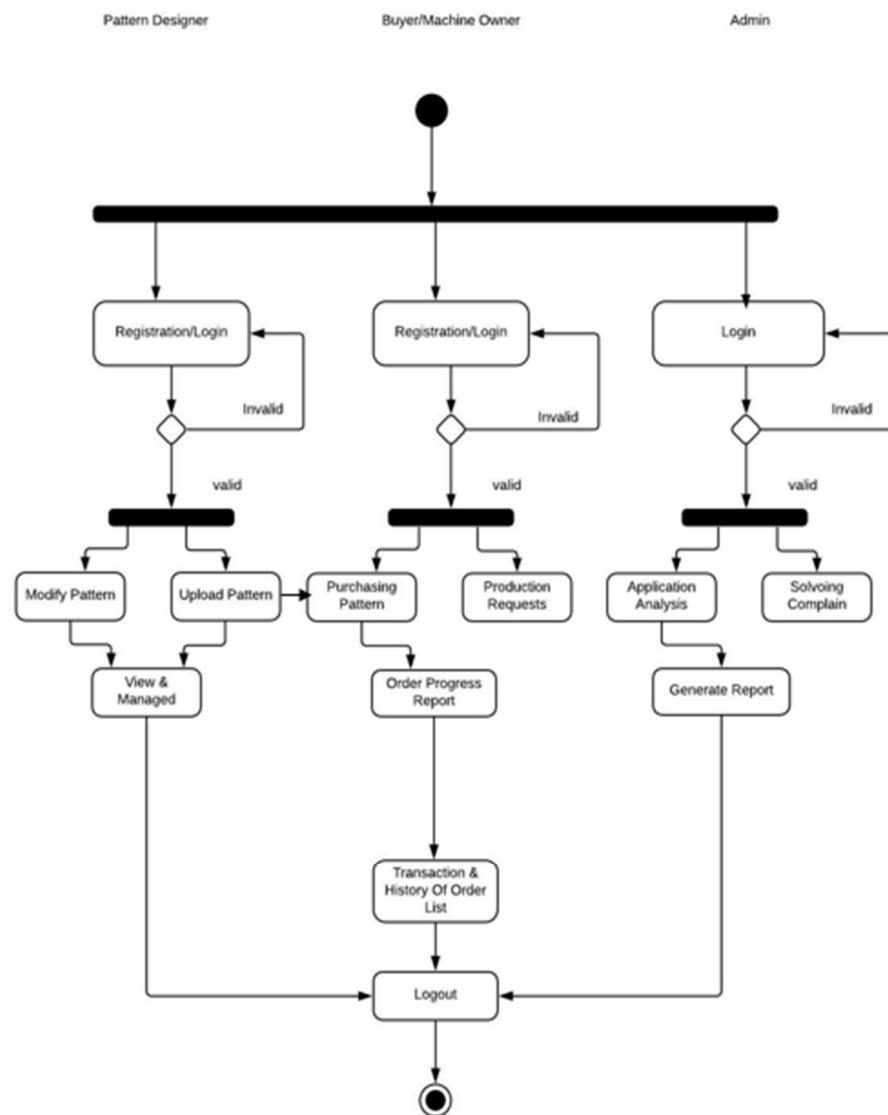
4. Administrator: - It used to describe the set of actions(use cases) that is perfored by the Administartor.



6.1.2 Activity Diagram: The basic purposes of activity diagrams is captures the dynamic behavior of the system. Other diagrams are used to show the message flow from one object to another but activity diagram is used to show message flow from one activity to another.

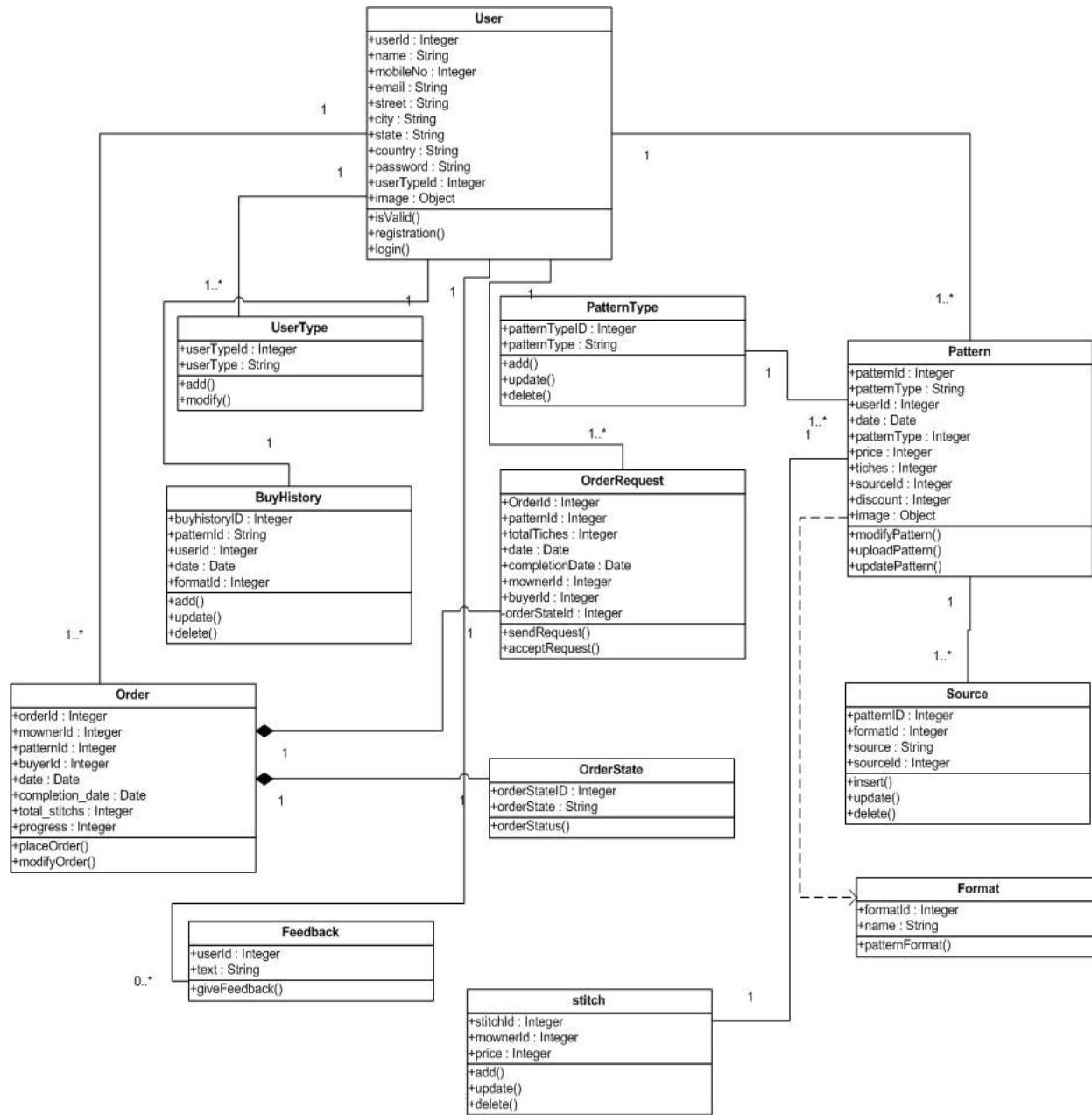
Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system

This Activity Diagram Represent the textile design system flow for the different activity,that includes the pattern designer,machine-owner and admin.



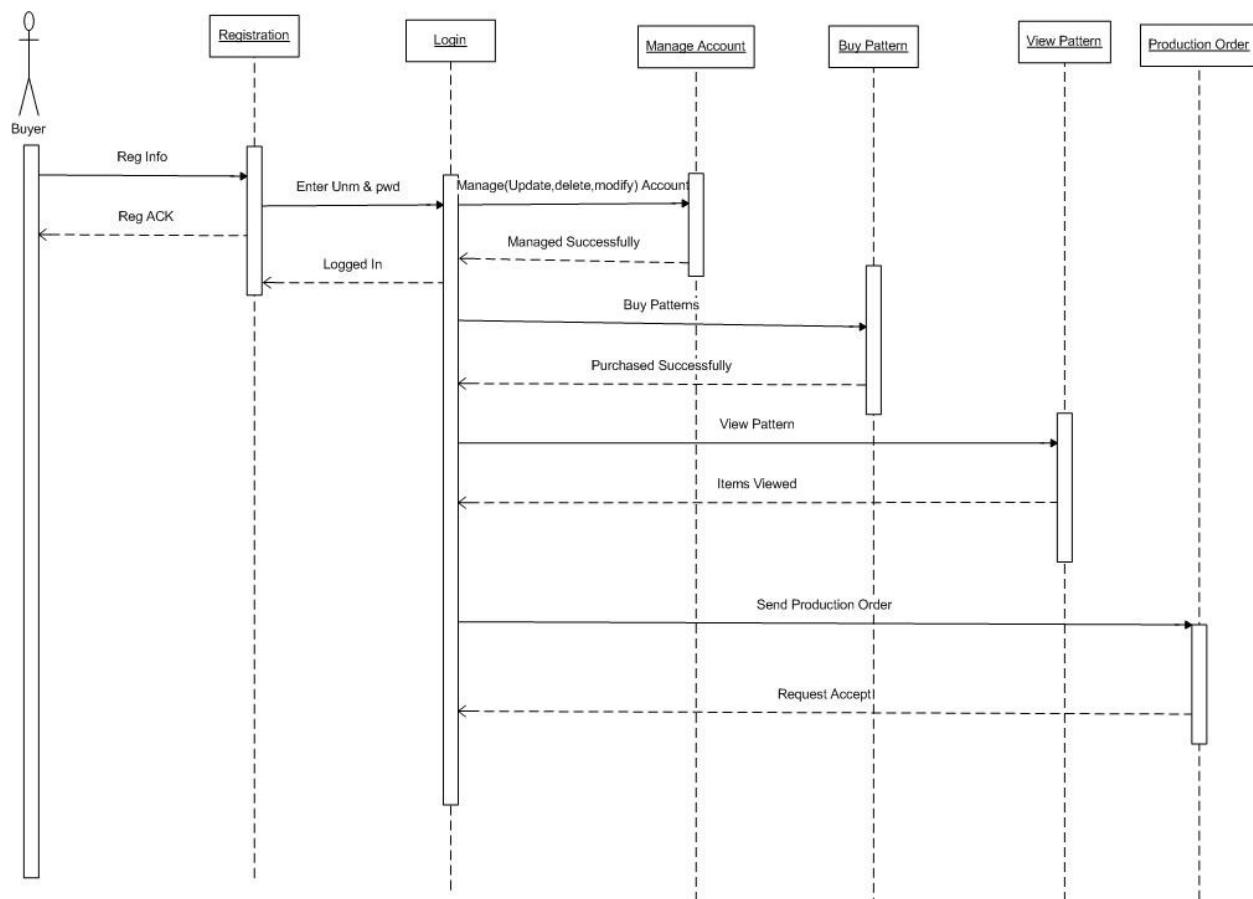
6.1.3 Class Diagram: Class diagram is a static diagram. It represents the static view of an application. Class diagram is not only used for visualizing, describing, and documenting different aspects of a system but also for constructing executable code of the software application. Class diagram shows a collection of classes, interfaces, associations, collaborations, and constraints.

The purpose of class diagram is to represent the static view of an application textile design and trade. Class diagrams are the only diagrams which can be directly mapped with object-oriented languages and thus widely used at the time of construction.

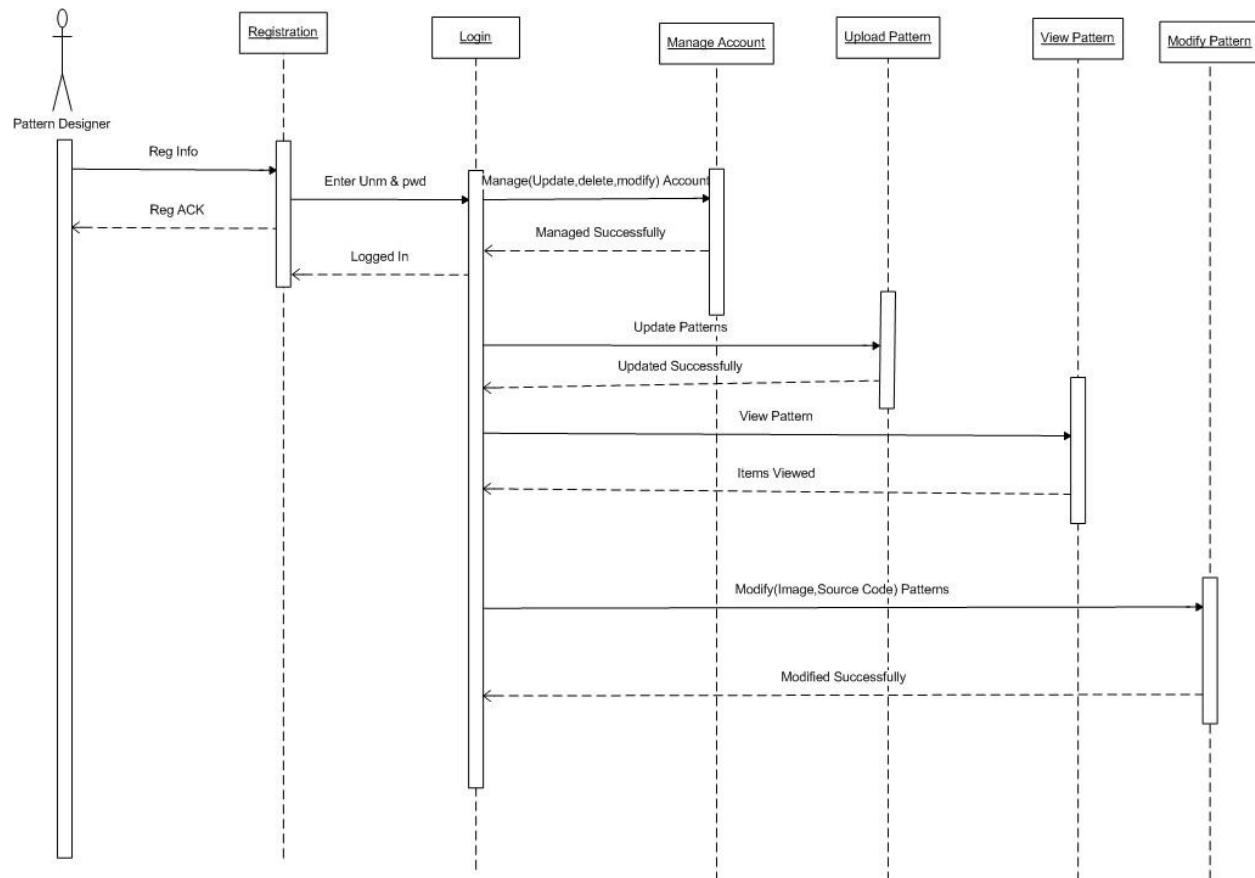


6.1.4 Sequence Diagram

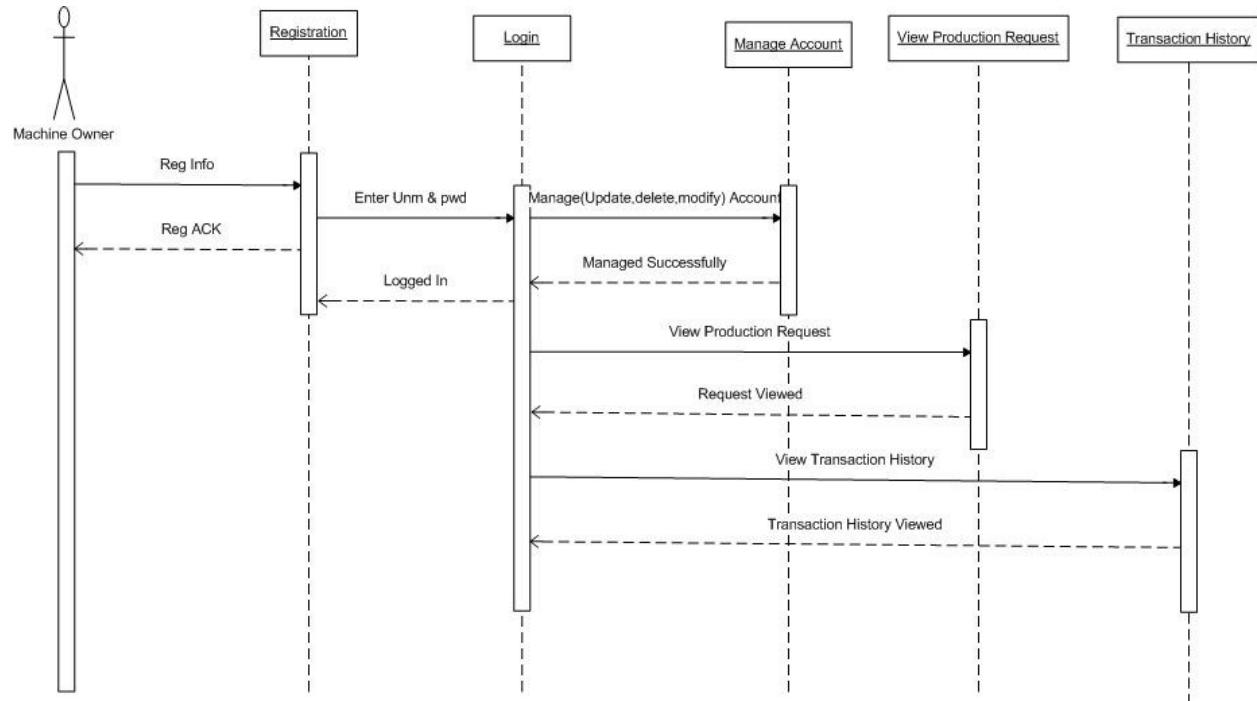
1 Pattern Buyer: A sequence diagram shows object interactions arranged in time sequence. It depicts the objects and classes involved in the scenario and the sequence of messages exchanged between the objects needed to carry out the functionality of the scenario. Sequence diagrams are typically associated with use case realizations in the Logical View of the system under development. This Sequence Diagram Represent the logical view of the system by the pattern buyer.



2 Pattern Designer: This Sequence Diagram Represent the logical view of the system by the pattern Designer.

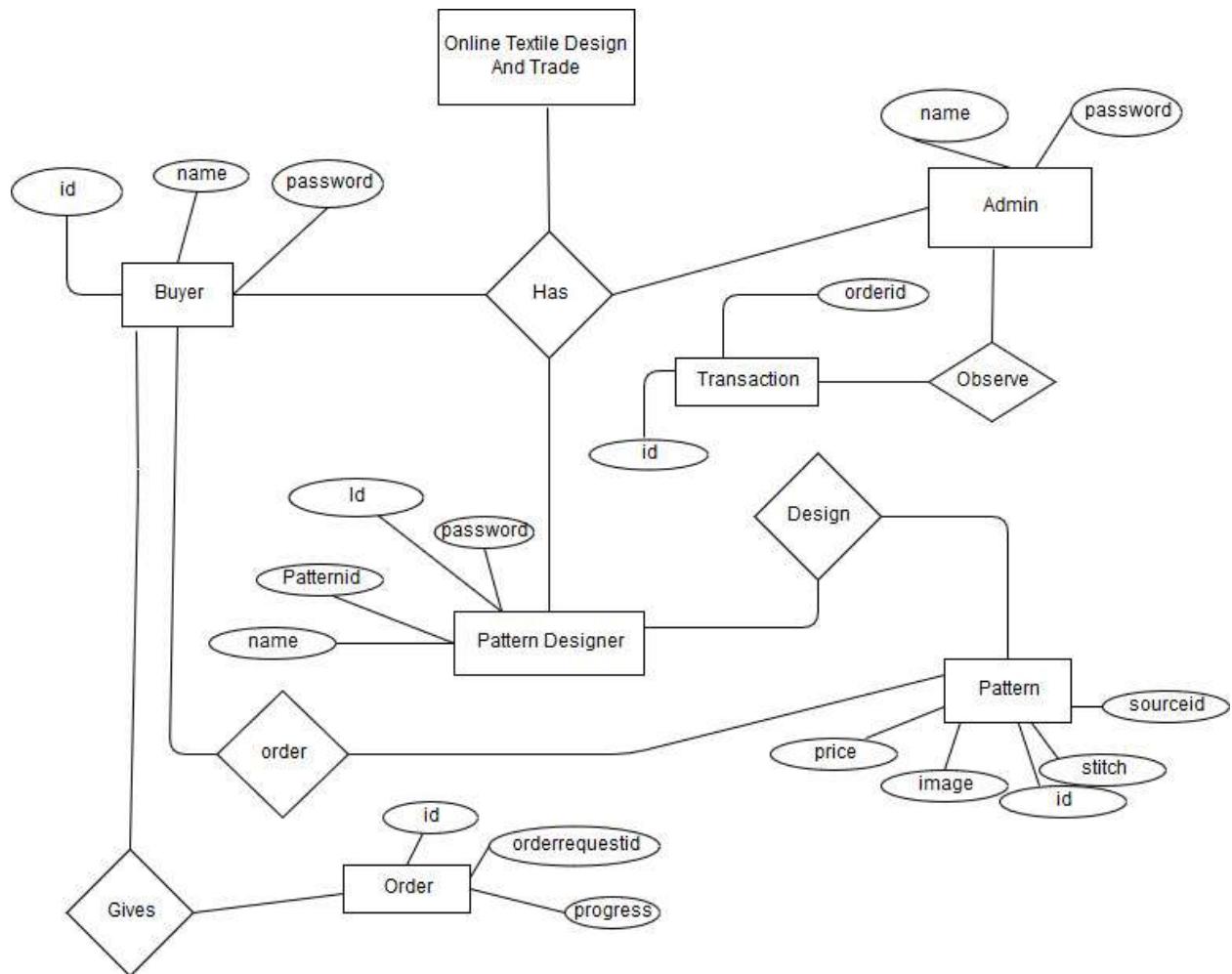


3 Machine Owner: This Sequence Diagram Represent the logical view of the system by the Machine-owner.



6.2. ER Diagram and Data Dictionary

6.2.1 ER Diagram



6.2.2 Data Dictionary

tbladdress

Column	Type	Null	Comments
Id (<i>Primary</i>)	int(10)	No	Unique Number User Address
street	varchar(25)	No	it contains street.
city	varchar(15)	No	it contains city.
state	varchar(15)	No	it contains state.
country	varchar(15)	No	it contains country.

tblbuyhistory

Column	Type	Links to	Comments
userId	int(11)	tbluser -> Id	it contains userid of user table.
patternId	int(5)	tblpattern -> Id	it contains patternid of pattern table.
date	date		Activity Date
formatId	int(5)	tblformat -> Id	it contains formatid of format table.

tblfeedback

Column	Type	Links to	Comments
id (<i>Primary</i>)	int(11)		Unique Number to Identify Feedback
userId	int(11)	tbluser -> Id	it contains userid of user table.
text	varchar(250)		User Feedback

tblformat

Column	Type	Comments
Id (<i>Primary</i>)	int(11)	Unique Number to Identify
name	varchar(5)	Machine Pattern File Format Store

tblorderstate

Column	Type	Comments
<i>Id (Primary)</i>	int(11)	Unique Number to Identify order Status
orderState	varchar(7)	it shows the state of the order. (Accept,Pending,Reject)

tblpattern

Column	Type	Comments
<i>Id (Primary)</i>	int(11)	Unique Number to Identify Of Pattern
userId	int(11)	it contains userid of user table.
patternTypeId	int(11)	Pattern Categoty ID
date	date	date of pattern uploading.
price	int(5)	price of pattern
stitch	int(10)	it shows the various stitch format
discount	int(3)	Discount in Percente on Buy Pattern
image	varchar(30)	Store Location of Pattern Image
sourceId	int(11)	it contains id of source table.

tblpatterntype

Column	Type	Comments
<i>Id (Primary)</i>	int(5)	unique type Id
patternType	varchar(15)	Patterns Category

tblstitch

Column	Type	Links to	Comments
Id (<i>Primary</i>)	int(11)		Unique Number to Identify Stitch Record
mownerId	int(11)	tbluser -> Id	Machine Owner ID
price	int(3)		Rate Of Stitch as Owner Define

tblsource

Column	Type	Links to	Comments
Id (<i>Primary</i>)	int(11)		Unique Number to Identify Source
source	varchar(30)		File Name or Path With Name
formatId	int(11)	tblformat -> Id	which Formate Source
patternId	int(11)	tblpattern -> Id	which Pattern Source

tbluser

Column	Type	Links to	Comments
Id (<i>Primary</i>)	int(11)		it shows the id of user
name	varchar(15)		it shows the name of user
password	varchar(10)		password of user.
addressId	int(11)	tbladdress -> Id	Unique Number to Identify Address Of User
mobileNo	int(10)		mobileno of user
email	varchar(25)		it contains unique email address of each user.
userTypeId	int(11)	tblusertype -> Id	Which Type User
image	varchar(30)		User Profile Image Path and Name

tblusertype

Column	Type	Comments
<i>Id (Primary)</i>	int(11)	Unique Number for User Type
userType	varchar(15)	User Roles(Admin,M-Owner,Designer,Buyer)

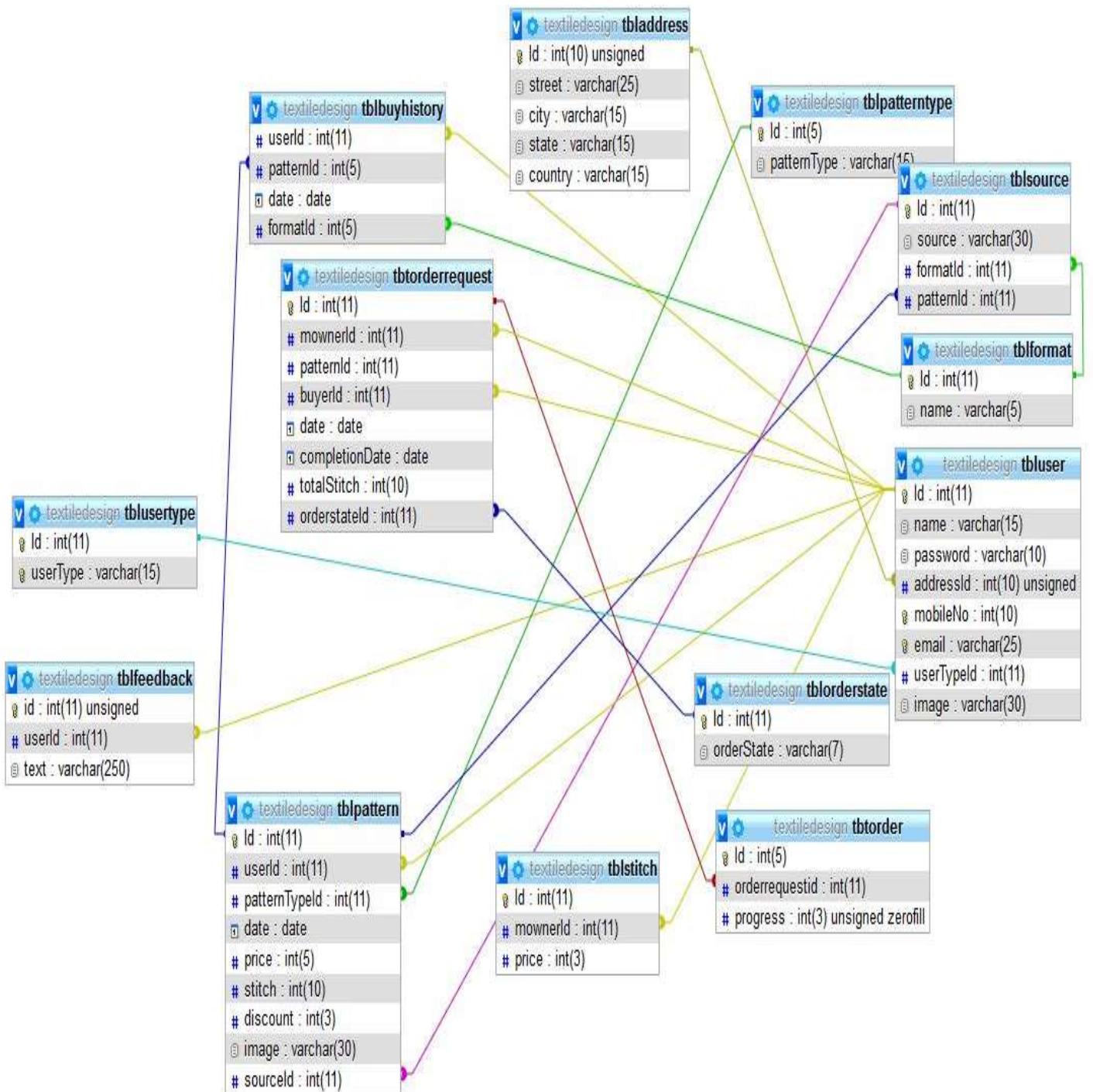
tblorder

Column	Type	Links to	Comments
<i>Id (Primary)</i>	int(5)		
orderrequestid	int(11)	tbtorderrequest -> Id	it contains orderrequestid of orderrequest table.
progress	int(3)		Display Order Progress

tblorderrequest

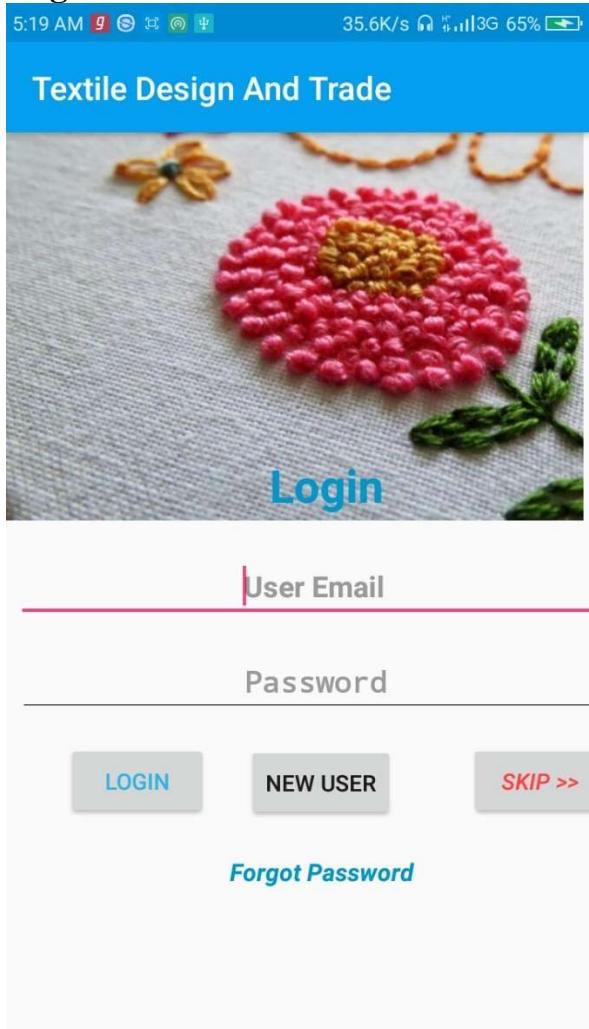
Column	Type	Links to	Comments
<i>Id (Primary)</i>	int(11)		
mownerId	int(11)	tbluser -> Id	identify Machine Owner
patternId	int(11)		identify Patter by ID
buyerId	int(11)	tbluser -> Id	identify Buyer By ID
date	date		it shows the date of order.
completionDate	date		it shows the date of deadline of order.
totalStitch	int(10)		in order total stitch display
orderstateId	int(11)	tblorderstate ->	M-Owner Order Status Display

Database Designer:



6.3. User interface design

Login



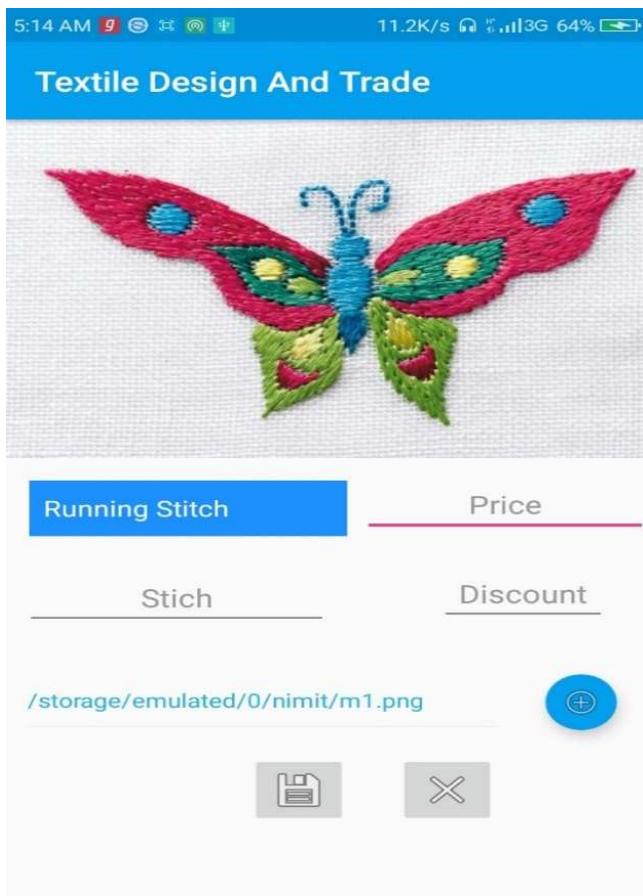
Input	Username and password
Output	if both are valid then user goes to applications homepage.

Registration

The screenshot shows a mobile application interface for user registration. At the top, there is a status bar with the time '5:22 AM', signal strength, battery level at '65%', and connectivity information '130K/s 3G'. Below the status bar, the app title 'Textile Design And Trade' is displayed in a blue header bar. The main content area has a light gray background and features the word 'REGISTRATON' in bold capital letters. There are four input fields with placeholder text: 'User Name', 'Email', 'Mobile No', and 'Password'. To the left of the 'Email' field is a circular profile icon containing a white person silhouette. Below the 'Mobile No' field is a dropdown menu with two options: 'GUJARAT' and 'AHMEDABAD'. Underneath the dropdown is a label 'Pattern Designer' followed by a small downward arrow indicating a dropdown menu. There are also 'Confirm Password' and 'User Type' fields. At the bottom of the screen are two buttons: 'CREATE' on the left and 'CANCEL' on the right.

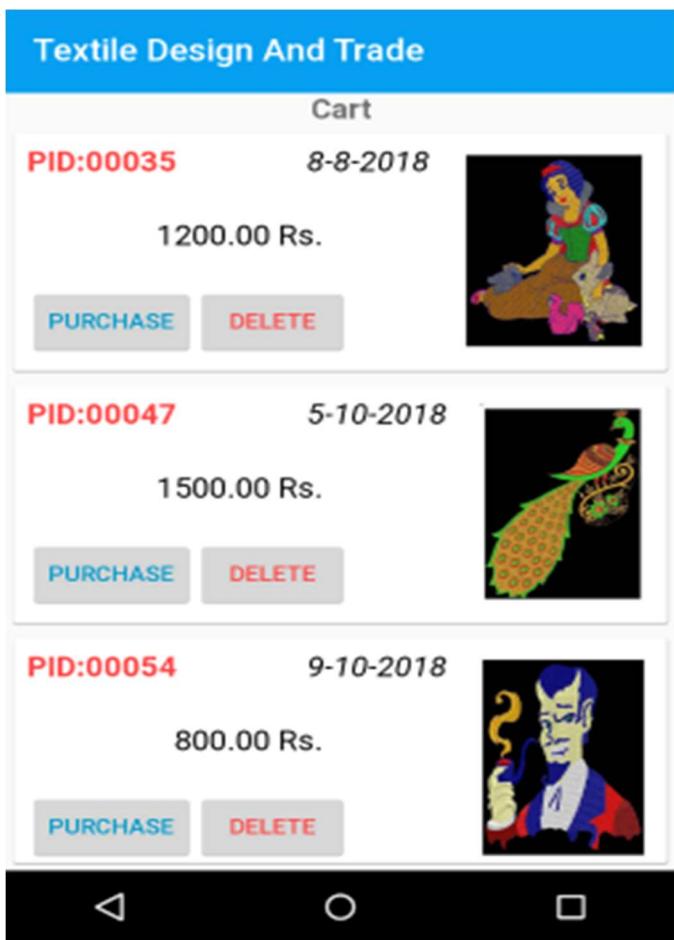
Input	Username , email,mobileno,State,City,Usertype,password with confirm password.
Output	if all the field of registration page are valid according to the validation then system creates the one new user.

Pattern Uploading



Input	Price, stitch, discount and selecting the proper image
Output	if all the field of pattern uploading are valid then it upload the pattern.

Pattern Cart



Output

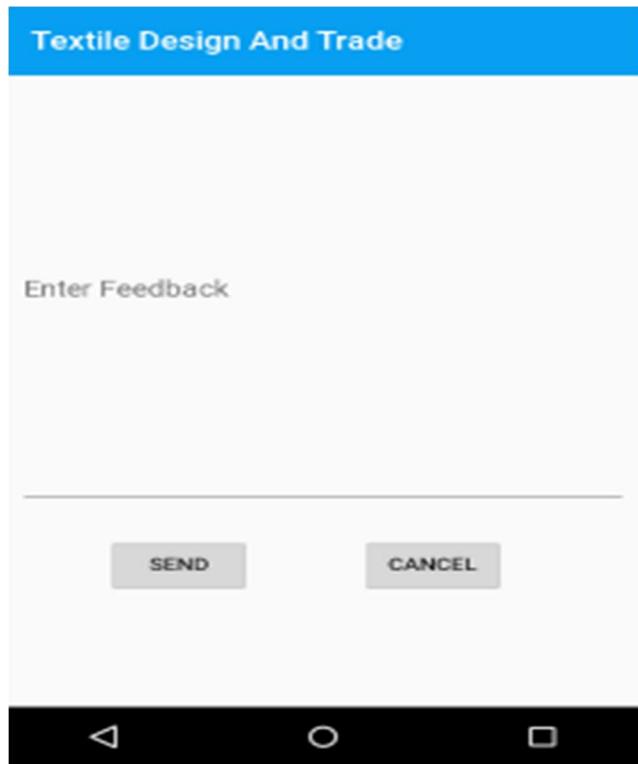
It Displays all the patterns that chosen by the users of the systems.

Design Sell History

Textile Design And Trade			
Pattern Buy History			
TID:00001	PID:00001		
5-5-2018	1000.00 Rs.		
TID:00025	PID:00035		
25-2-2018	5000.00 Rs.		
TID:00045	PID:00055		
15-7-2018	4500.00 Rs.		
TID:000378	PID:00089		
12-9-2018	8000.00 Rs.		
TID:000744	PID:00045		
18-6-2018	7500.00 Rs.		

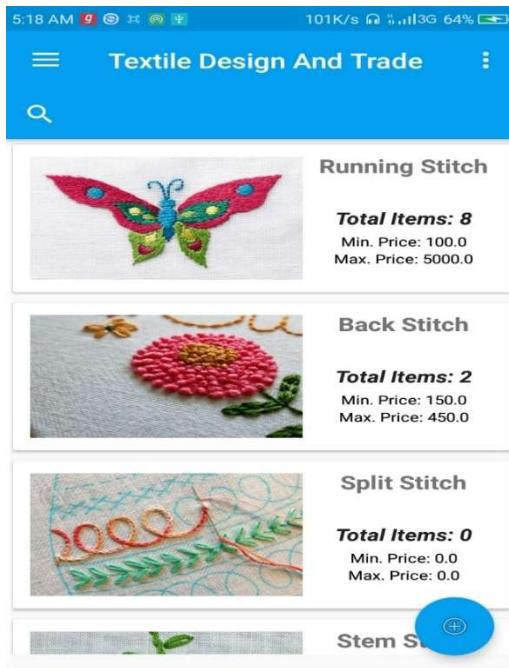
Input	Price,stitch,discount and selecting the proper image
Output	if all the field of pattern uploading are valid then it upload the pattern.

Feedback



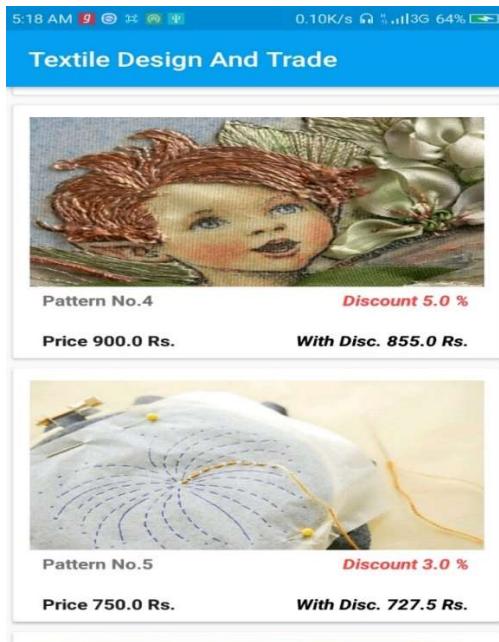
Input	Feedback Text
Output	It upload the text in the form of feedback.

Search Pattern



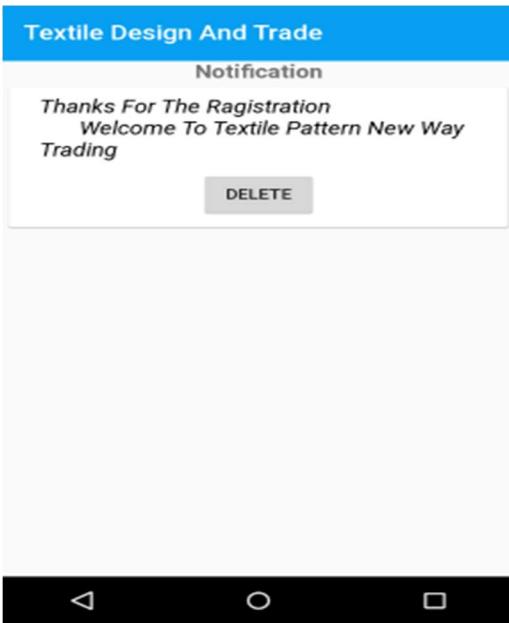
Output	It shows the result of the search pattern that search by the user.
--------	--

Pattern Details



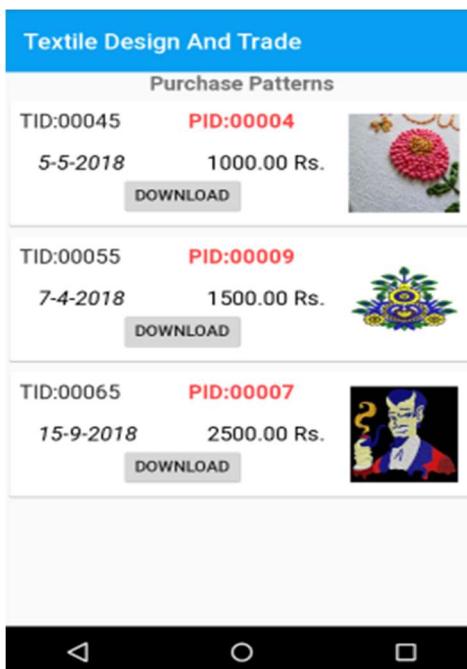
Output	It Shows the selected pattern details
--------	---------------------------------------

Notification Message



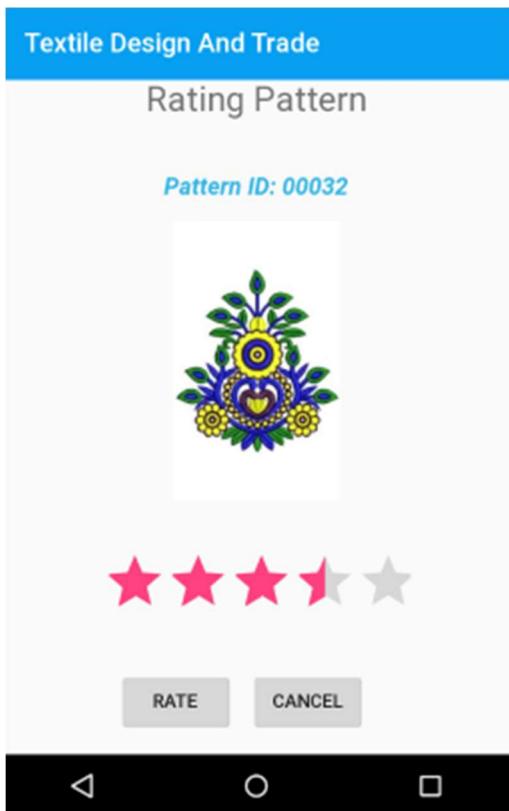
Output It Shows Notification details after the user registration

Purchase Pattern History



Output It Shows History of the purchased pattern.

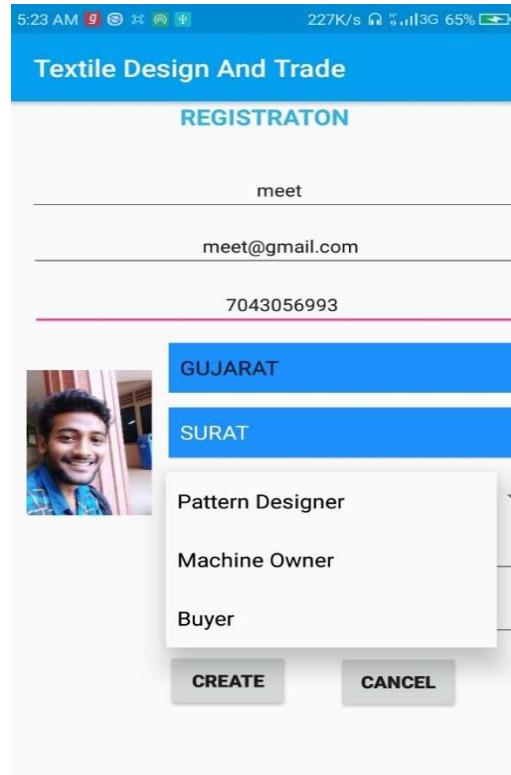
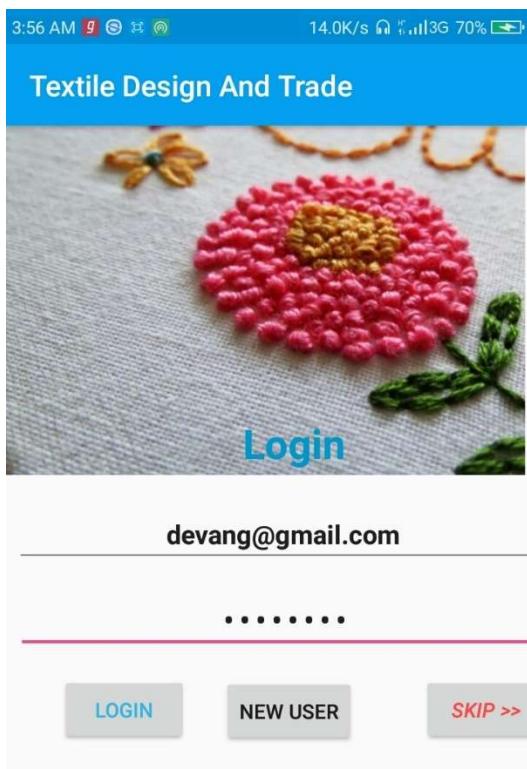
Pattern Ratings

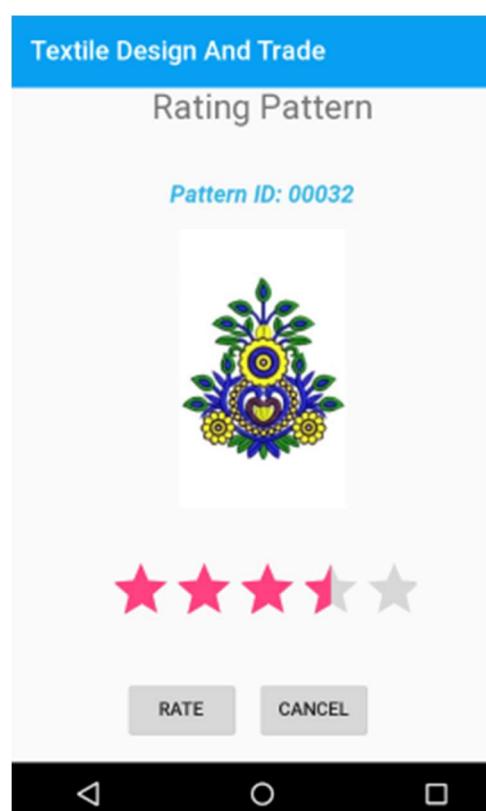
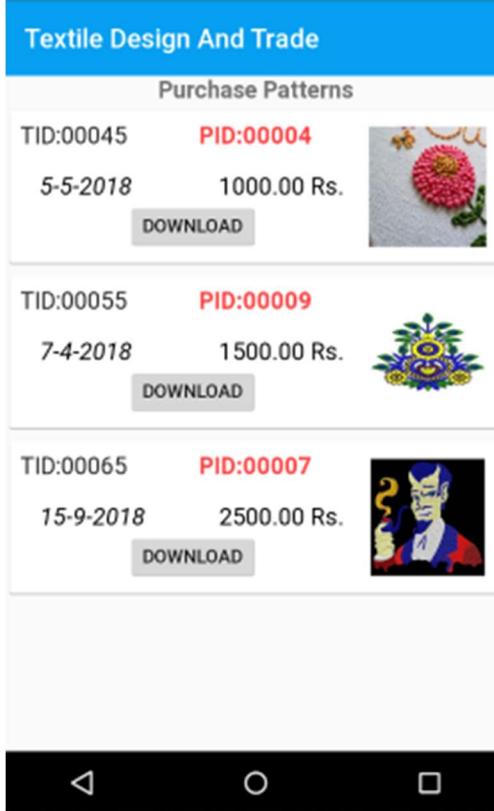
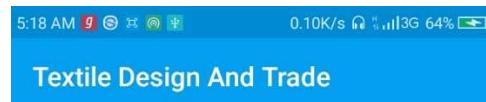
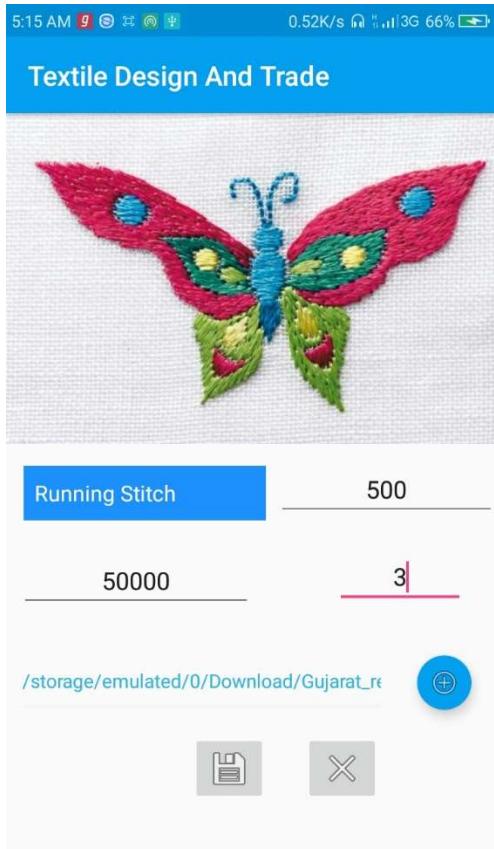


Output	It Shows Ratings of the patterns that is given by the multiple users
--------	--

7. Implementation and testing

7.1. Snapshots





7.2. Detailed code for the project

Activity_forgot_password.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.ForgetPassword">

    <EditText
        android:id="@+id/editText11"
        android:layout_width="324dp"
        android:layout_height="wrap_content"
        android:layout_x="29dp"
        android:layout_y="245dp"
        android:ems="10"
        android:hint="Enter Email"
        android:inputType="textEmailAddress"
        android:textAlignment="center"
        android:textStyle="bold" />

    <Button
        android:id="@+id/button9"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_x="80dp"
        android:layout_y="305dp"
        android:text="Send" />

    <Button
        android:id="@+id/button8"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_x="211dp"
        android:layout_y="302dp"
        android:text="Back" />

    <ImageView
        android:id="@+id/imageView5"
        android:layout_width="wrap_content"
        android:layout_height="233dp"
        android:layout_x="-1dp"
        android:layout_y="0dp"
        android:scaleType="fitXY"
        app:srcCompat="@drawable/m3" />
</AbsoluteLayout>
```

Activity_login.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.LoginActivity">

    <ImageView
```

```

        android:id="@+id/imageView3"
        android:layout_width="match_parent"
        android:layout_height="242dp"
        android:layout_x="-4dp"
        android:layout_y="-2dp"
        android:scaleType="fitXY"
        android:src="@drawable/m2" />
<TextView
        android:id="@+id/textView4"
        android:layout_width="221dp"
        android:layout_height="42dp"
        android:layout_x="87dp"
        android:layout_y="199dp"
        android:text="Login"
        android:textAlignment="center"
        android:textColor="@android:color/holo_blue_dark"
        android:textSize="28sp"
        android:textStyle="bold" />
<EditText
        android:id="@+id/txtEmail"
        android:layout_width="368dp"
        android:layout_height="wrap_content"
        android:layout_x="6dp"
        android:layout_y="258dp"
        android:ems="10"
        android:hint="User Email"
        android:inputType="textPersonName"
        android:textAlignment="center"
        android:textStyle="bold" />
<Button
        android:id="@+id/btnLogin"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_x="37dp"
        android:layout_y="377dp"
        android:text="Login"
        android:textColor="@android:color/holo_blue_light"
        android:onClick="onLogin"
    />
<EditText
        android:id="@+id/txtPassword"
        android:layout_width="368dp"
        android:layout_height="wrap_content"
        android:layout_x="7dp"
        android:layout_y="317dp"
        android:ems="10"
        android:hint="Password"
        android:inputType="textPassword"
        android:textAlignment="center"
        android:textStyle="bold" />
<Button
        android:id="@+id/btnSkip"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_x="285dp"
        android:layout_y="377dp"
        android:text="Skip >>"
        android:textColor="@android:color/holo_red_light"
        android:textStyle="italic"
        android:onClick="onSkip"
    />
<Button

```

```

        android:id="@+id/btnNewUser"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_x="148dp"
        android:layout_y="378dp"
        android:onClick="onNewUser"
        android:text="New User"
    />

<TextView
    android:id="@+id/tvForgot"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_x="138dp"
    android:layout_y="447dp"
    android:text="Forgot Password"
    android:textAlignment="center"
    android:textColor="@android:color/holo_blue_dark"
    android:textSize="15sp"
    android:textStyle="bold|italic"
    android:onClick="onForgot"
/>

</AbsoluteLayout>

```

Activity_new_pattern.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.NewPattern"
    tools:layout_editor_absoluteY="81dp"
    tools:layout_editor_absoluteX="0dp">

    <ImageView
        android:id="@+id/patternImg"
        android:layout_width="382dp"
        android:layout_height="243dp"
        android:scaleType="fitXY"
        android:src="@drawable/m13"
        app:srcCompat="@drawable/side_nav_bar"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="1dp"
        tools:layout_editor_absoluteY="-6dp" />

    <ImageButton
        android:id="@+id/ivNSave"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_x="136dp"
        android:layout_y="455dp"
        app:srcCompat="@android:drawable/ic_menu_save"
        tools:layout_editor_absoluteX="130dp"
        tools:layout_editor_absoluteY="452dp" />

    <ImageButton
        android:id="@+id/ivNCancel"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_x="219dp"
        android:layout_y="455dp"

```

```
    app:srcCompat="@android:drawable/ic_menu_close_clear_cancel"
    tools:layout_editor_absoluteX="207dp"
    tools:layout_editor_absoluteY="452dp" />

<android.support.design.widget.FloatingActionButton
    android:id="@+id/srcButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_x="302dp"
    android:layout_y="398dp"
    android:clickable="true"
    app:backgroundTint="@color/colorPrimary"
    app:fabSize="mini"
    app:srcCompat="@android:drawable/ic_menu_add"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteX="328dp"
    tools:layout_editor_absoluteY="383dp" />

<EditText
    android:id="@+id/tvNPatternFile"
    android:layout_width="270dp"
    android:layout_height="54dp"
    android:layout_marginLeft="16dp"
    android:layout_x="8dp"
    android:layout_y="390dp"
    android:ems="10"
    android:enabled="false"
    android:hint="Pattern File"
    android:inputType="textPersonName"
    android:textColor="@android:color/holo_blue_light"
    android:textSize="14sp"
    app:layout_constraintLeft_toLeftOf="parent"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteY="386dp" />

<EditText
    android:id="@+id/tvNDiscount"
    android:layout_width="95dp"
    android:layout_height="44dp"
    android:layout_x="242dp"
    android:layout_y="319dp"
    android:ems="10"
    android:hint="Discount"
    android:inputType="numberDecimal"
    android:textAlignment="center"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteX="228dp"
    tools:layout_editor_absoluteY="316dp" />

<EditText
    android:id="@+id/tvNSTiches"
    android:layout_width="171dp"
    android:layout_height="44dp"
    android:layout_marginLeft="16dp"
    android:layout_x="10dp"
    android:layout_y="322dp"
    android:ems="10"
    android:hint="Stich"
    android:inputType="number"
    android:textAlignment="center"
    app:layout_constraintLeft_toLeftOf="parent"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteY="316dp" />
```

```

<Spinner
    android:id="@+id/spNCategory"
    android:layout_width="178dp"
    android:layout_height="40dp"
    android:layout_x="13dp"
    android:layout_y="259dp" />

<EditText
    android:id="@+id/tvNPrice"
    android:layout_width="161dp"
    android:layout_height="44dp"
    android:layout_x="199dp"
    android:layout_y="255dp"
    android:ems="10"
    android:hint="Price"
    android:inputType="numberDecimal"
    android:textAlignment="center"
    android:textSize="18dp"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteX="168dp"
    tools:layout_editor_absoluteY="251dp" />

</AbsoluteLayout>

```

Activity_pattern_view.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.PatternView">

    <Button
        android:id="@+id/btnaddcart"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Add To Cart"
        android:layout_alignParentBottom="true"
        android:layout_toRightOf="@+id/tvrs"
        android:layout_toEndOf="@+id/tvrs"
        android:layout_marginLeft="15dp"
        android:layout_marginStart="15dp" />

    <TextView
        android:id="@+id/tvdrs"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="500 Rs"
        android:textAlignment="center"
        android:textSize="18sp"
        android:layout_above="@+id/tvtiches"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_marginBottom="27dp" />

    <TextView
        android:id="@+id/tvrs"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="500 Rs"
        android:textSize="18sp"

```

```

        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_below="@+id/imvpic" />

<ImageView
    android:id="@+id/imvpic"
    android:layout_width="match_parent"
    android:layout_height="350dp"
    android:layout_alignParentEnd="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentStart="true"
    android:scaleType="fitXY"
    android:src="@drawable/m5"
    app:srcCompat="@drawable/side_nav_bar" />

<TextView
    android:id="@+id/tvdis"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"

    android:text="0 %"
    android:textColor="@android:color/holo_red_light"
    android:textSize="24sp"
    android:textStyle="bold"
    android:layout_below="@+id/imvpic"
    android:layout_alignParentRight="true"
    android:layout_alignParentEnd="true" />

<TextView
    android:id="@+id/tvtiches"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Tiches:500000"
    android:textSize="18sp"
    android:layout_above="@+id/btnaddcart"
    android:layout_marginBottom="28dp"
    android:layout_alignParentRight="true"
    android:layout_alignParentEnd="true" />

<TextView
    android:id="@+id/tvid"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="ID:000001"
    android:textSize="18sp"
    android:layout_centerHorizontal="true"
    android:layout_below="@+id/tvdis" />

<TextView
    android:id="@+id/tvformat"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="XYZ"
    android:textSize="18sp"
    android:layout_alignBaseline="@+id/tvtiches"
    android:layout_alignBottom="@+id/tvtiches"
    android:layout_toLeftOf="@+id/tvtiches"
    android:layout_alignParentLeft="true"
    android:layout_alignParentStart="true" />

<Button
    android:id="@+id/btnbuy"

```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Buy"
        android:layout_alignParentBottom="true"
        android:layout_toRightOf="@+id/btnaddcart"
        android:layout_toEndOf="@+id/btnaddcart"
        android:layout_marginLeft="34dp"
        android:layout_marginStart="34dp" />

    </RelativeLayout>

```

Activity_rating.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<android.support.constraint.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.RatingActivity">

    <Button
        android:id="@+id/button7"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Cancel"
        tools:layout_editor_absoluteX="187dp"
        tools:layout_editor_absoluteY="447dp" />

    <TextView
        android:id="@+id/textView6"
        android:layout_width="382dp"
        android:layout_height="58dp"
        android:text="Rating Pattern"
        android:textAlignment="center"
        android:textSize="26dp"
        tools:layout_editor_absoluteX="1dp"
        tools:layout_editor_absoluteY="-1dp" />

    <RatingBar
        android:id="@+id/ratingBar"
        android:layout_width="233dp"
        android:layout_height="50dp"
        android:rating="3.5"
        tools:layout_editor_absoluteX="76dp"
        tools:layout_editor_absoluteY="356dp" />

    <Button
        android:id="@+id/button6"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Rate"
        tools:layout_editor_absoluteX="87dp"
        tools:layout_editor_absoluteY="447dp" />

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="217dp"
        android:layout_height="212dp"
        app:srcCompat="@drawable/m9"
        tools:layout_editor_absoluteX="84dp"

```

```

        tools:layout_editor_absoluteY="107dp" />

<TextView
    android:id="@+id/textView7"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Pattern ID: 00032"
    android:textAlignment="center"
    android:textColor="@android:color/holo_blue_light"
    android:textSize="18dp"
    android:textStyle="bold|italic"
    tools:layout_editor_absoluteX="122dp"
    tools:layout_editor_absoluteY="70dp" />
</android.support.constraint.ConstraintLayout>
```

Activity_registration.xml

```

<?xml version="1.0" encoding="utf-8"?>
<AbsoluteLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.RegistrationActivity">

    <EditText
        android:id="@+id/txtNameR"
        android:layout_width="357dp"
        android:layout_height="wrap_content"
        android:layout_x="12dp"
        android:layout_y="53dp"
        android:ems="10"
        android:hint="User Name"
        android:inputType="textPersonName"
        android:maxLength="30"
        android:textAlignment="center"
        android:textSize="14sp" />
    <TextView
        android:id="@+id/textView10"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="REGISTRATON"
        android:textAlignment="center"
        android:textColor="@android:color/holo_blue_light"
        android:textSize="18sp"
        android:textStyle="bold"
        tools:layout_editor_absoluteX="-4dp"
        tools:layout_editor_absoluteY="0dp" />

    <EditText
        android:id="@+id/txtEmailR"
        android:layout_width="357dp"
        android:layout_height="wrap_content"
        android:layout_x="13dp"
        android:layout_y="99dp"
        android:ems="10"
        android:hint="Email"
        android:inputType="textEmailAddress"
        android:maxLength="30"
        android:textAlignment="center"
        android:textSize="14sp" />
```

```

<EditText
    android:id="@+id/txtMobileR"
    android:layout_width="357dp"
    android:layout_height="wrap_content"
    android:layout_x="14dp"
    android:layout_y="147dp"
    android:ems="10"
    android:hint="Mobile No"
    android:inputType="phone"
    android:maxLength="10"
    android:textAlignment="center"
    android:textSize="14sp" />

<AutoCompleteTextView
    android:id="@+id/txtPassR"
    android:layout_width="267dp"
    android:layout_height="wrap_content"
    android:layout_x="109dp"
    android:layout_y="350dp"
    android:hint="Password"
    android:maxLength="15"
    android:textAlignment="center"
    android:textSize="14sp" /><! [CDATA[
/>
]]>

<Button
    android:id="@+id/btnCreateR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_x="110dp"
    android:layout_y="451dp"
    android:text="Create"
    android:textAlignment="center"
    android:textStyle="bold"
    android:onClick="onCreate"
    />
<Button
    android:id="@+id btnCancelR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_x="231dp"
    android:layout_y="452dp"
    android:text="Cancel"
    android:textAlignment="center"
    android:textStyle="bold"
    android:onClick="onCancel"
    />

<AutoCompleteTextView
    android:id="@+id/txtCPassR"
    android:layout_width="266dp"
    android:layout_height="wrap_content"
    android:layout_x="110dp"
    android:layout_y="402dp"
    android:hint="Confirm Password"
    android:maxLength="15"
    android:textAlignment="center"
    android:textSize="14sp" />

<Spinner
    android:id="@+id/txtBTypeR"

```

```

        android:layout_width="259dp"
        android:layout_height="41dp"
        android:layout_x="110dp"
        android:layout_y="304dp"
        android:entries="@array/BType"

    />

<Spinner
    android:id="@+id/txtStateR"
    android:layout_width="259dp"
    android:layout_height="41dp"
    android:layout_x="112dp"
    android:layout_y="198dp"
    android:entries="@array/state" />

<Spinner
    android:id="@+id/txtCityR"
    android:layout_width="259dp"
    android:layout_height="41dp"
    android:layout_x="112dp"
    android:layout_y="251dp"
    android:elevation="1dp" />

<ImageView
    android:id="@+id/imvRUserPic"
    android:layout_width="89dp"
    android:layout_height="122dp"
    android:layout_x="11dp"
    android:layout_y="219dp"
    android:src="@drawable/user" />
</AbsoluteLayout>

```

Activity_sorting.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.Sorting">

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentStart="true"
        android:text="Sort Pattern"
        android:textAlignment="center"
        android:textSize="28dp"
        android:textStyle="bold"
        tools:layout_editor_absoluteX="162dp"
        tools:layout_editor_absoluteY="44dp" />

    <RadioGroup
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"

```

```

        android:layout_alignParentStart="true"
        android:layout_below="@+id/textView"
        android:layout_marginTop="54dp"
        android:checkedButton="@+id radioButton2"
        android:id="@+id/radioGroup">

    <RadioButton
        android:id="@+id/radioButton2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="Low-High Price"
        android:textAlignment="center"
        android:textSize="18dp" />

    <RadioButton
        android:id="@+id/radioButton"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="High-Low Price"
        android:textSize="18dp" />

</RadioGroup>

<SeekBar
    android:id="@+id/seekBar"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_alignParentStart="true"
    android:layout_below="@+id/radioGroup"
    android:layout_marginTop="73dp"
    android:max="100000"
    android:progress="20000"
    android:thumb="@color/cardview_shadow_start_color" />

<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Stitches"
    android:textSize="16dp"
    android:textStyle="bold"
    android:layout_alignBaseline="@+id/textView3"
    android:layout_alignBottom="@+id/textView3"
    android:layout_toLeftOf="@+id/textView3"
    android:layout_toStartOf="@+id/textView3"
    android:layout_marginRight="16dp"
    android:layout_marginEnd="16dp" />

<TextView
    android:id="@+id/textView3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:layout_centerVertical="true"
    android:text="20000"
    android:textSize="16dp"
    android:textStyle="bold" />

<EditText
    android:id="@+id/editText2"

```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/textView2"
        android:layout_alignStart="@+id/textView2"
        android:layout_below="@+id/textView2"
        android:layout_marginTop="42dp"
        android:ems="10"
        android:hint="From Date"
        android:inputType="date"
        android:textAlignment="center" />

<EditText
    android:id="@+id/editText3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/editText2"
    android:layout_alignStart="@+id/editText2"
    android:layout_below="@+id/editText2"
    android:layout_marginTop="12dp"
    android:ems="10"
    android:hint="To Date"
    android:inputType="date"
    android:textAlignment="center" />

<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"
    android:layout_marginBottom="19dp"
    android:text="Sort" />

</RelativeLayout>

```

Activity_sub_pattern.xml

```

<?xml version="1.0" encoding="utf-8"?>
<android.support.v4.widget.DrawerLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/drawer_layout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:fitsSystemWindows="true"
    tools:openDrawer="start">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        >

        <android.support.v7.widget.RecyclerView
            android:id="@+id/recyclerViewsproduct"
            android:layout_width="match_parent"
            android:layout_height="match_parent"

```

```

        android:clipChildren="false"
        android:clipToPadding="false"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="8dp"
        tools:layout_editor_absoluteY="8dp"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentBottom="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentTop="true" />
    </RelativeLayout>

</android.support.v4.widget.DrawerLayout >
```

App_bar_home.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<android.support.design.widget.CoordinatorLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.example.moriyuvraj.textiledesignandtrade.HomeActivity">

    <android.support.design.widget.AppBarLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:theme="@style/AppTheme.AppBarOverlay">

        <android.support.v7.widget.Toolbar
            android:id="@+id/toolbar"
            android:layout_width="match_parent"
            android:layout_height="?attr/actionBarSize"
            android:background="?attr/colorPrimary"
            app:popupTheme="@style/AppTheme.PopupOverlay" />

        <SearchView
            android:layout_width="match_parent"
            android:layout_height="match_parent" />

    </android.support.design.widget.AppBarLayout>

    <include layout="@layout/content_home" />

    <android.support.design.widget.FloatingActionButton
        android:id="@+id/addNew"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="bottom|end"
        android:layout_margin="@dimen/fab_margin"
        app:backgroundTint="@color/colorPrimary"
        app:srcCompat="@android:drawable/ic_menu_add" />

</android.support.design.widget.CoordinatorLayout>
```

Cartlayout.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
```

```

xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:orientation="vertical">>

<TextView
    android:id="@+id/textView5"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Cart"
    android:textAlignment="center"
    android:textSize="18dp"
    android:textStyle="bold" />

<android.support.v7.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_margin="5dp">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="156dp"
        android:padding="8dp">

        <Button
            android:id="@+id/button3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentBottom="true"
            android:layout_alignParentLeft="true"
            android:layout_alignParentStart="true"
            android:text="purchase"
            android:textColor="@android:color/holo_blue_dark" />

        <TextView
            android:id="@+id/tvCDate"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentTop="true"
            android:layout_marginLeft="49dp"
            android:layout_marginStart="49dp"
            android:layout_toEndOf="@+id/button3"
            android:layout_toRightOf="@+id/button3"
            android:background="@android:color/white"
            android:paddingLeft="15dp"
            android:paddingRight="15dp"
            android:text="8-8-2018"
            android:textAlignment="center"

            android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
            android:textColor="@android:color/black"
            android:textSize="18sp"
            android:textStyle="italic" />

        <ImageView
            android:id="@+id/ivTHImage"
            android:layout_width="75dp"
            android:layout_height="75dp"
            android:layout_alignParentBottom="true"
            android:layout_alignParentEnd="true"
            android:layout_alignParentRight="true"
            android:layout_alignParentTop="true"

```

```

        android:layout_toEndOf="@+id/tvCDate"
        android:padding="4dp"
        android:scaleType="fitXY"
        app:srcCompat="@drawable/m15"
        android:layout_toRightOf="@+id/tvCDate" />

    <TextView
        android:id="@+id/tvCRS"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_above="@+id/button3"
        android:layout_alignEnd="@+id/button2"
        android:layout_alignRight="@+id/button2"
        android:layout_marginBottom="22dp"
        android:background="@android:color/white"
        android:paddingLeft="15dp"
        android:paddingRight="15dp"
        android:text="1200.00 Rs."
        android:textAlignment="center"

    android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
        android:textColor="@android:color/black"
        android:textSize="18sp" />

    <TextView
        android:id="@+id/tvCPID"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:text="PID:00035"
        android:textAlignment="center"
        android:textColor="@android:color/holo_red_light"
        android:textSize="18sp"
        android:textStyle="bold" />

    <Button
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_alignTop="@+id/button3"
        android:layout_toEndOf="@+id/button3"
        android:layout_toRightOf="@+id/button3"
        android:text="Delete"
        android:textColor="@android:color/holo_red_light" />

    </RelativeLayout>

</android.support.v7.widget.CardView>

</LinearLayout>

```

Layout_dbuy_history.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"

```

```
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Purchase Patterns"
        android:textAlignment="center"
        android:textSize="18dp"
        android:textStyle="bold" />

    <android.support.v7.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_margin="5dp">

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="80dp"
            android:padding="8dp">

            <TextView
                android:id="@+id/tvDate"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:background="@android:color/white"
                android:paddingLeft="15dp"
                android:paddingRight="15dp"
                android:text="5-5-2018"
                android:textAlignment="center"

                android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
                android:textColor="@android:color/black"
                android:textSize="18sp"
                android:textStyle="italic"
                android:layout_alignParentBottom="true"
                android:layout_alignParentLeft="true"
                android:layout_alignParentStart="true" />

            <ImageView
                android:id="@+id/ivTHImage"
                android:layout_width="75dp"
                android:layout_height="75dp"
                android:layout_alignParentEnd="true"
                android:layout_alignParentRight="true"
                android:layout_alignParentTop="true"
                android:layout_toEndOf="@+id/tvRS"
                android:layout_toRightOf="@+id/tvRS"
                android:padding="4dp"
                android:scaleType="fitXY"
                app:srcCompat="@drawable/m2"
                android:layout_alignBottom="@+id/tvRS" />

            <TextView
                android:id="@+id/tvRS"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:background="@android:color/white"
                android:paddingLeft="15dp"
                android:paddingRight="15dp"
                android:text="1000.00 Rs."
                android:textAlignment="center"
```

```

        android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
            android:textColor="@android:color/black"
            android:textSize="18sp"
            android:layout_alignParentBottom="true"
            android:layout_alignLeft="@+id/tvPID"
            android:layout_alignStart="@+id/tvPID" />

        <TextView
            android:id="@+id/tvTID"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"

            android:layout_alignBottom="@+id/tvID"
            android:layout_alignParentTop="true"
            android:text="TID:00045"
            android:textAppearance="@style/Base.TextAppearance.AppCompat.Large"
            android:textSize="18sp" />

        <TextView
            android:id="@+id/tvPID"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentTop="true"
            android:layout_centerHorizontal="true"
            android:text="PID:0004"
            android:textAlignment="center"
            android:textColor="@android:color/holo_red_light"
            android:textSize="18sp"
            android:textStyle="bold" />

    </RelativeLayout>

</android.support.v7.widget.CardView>

</LinearLayout>

```

Layout_products.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <android.support.v7.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="5dp">

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="142dp"
            android:padding="8dp">

            <TextView
                android:id="@+id/tvRPrice"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:background="@android:color/white"

```

```

        android:paddingLeft="15dp"
        android:paddingRight="15dp"
        android:text="100"
        android:textAlignment="center"

    android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
        android:textColor="@android:color/black"
        android:textSize="12dp"
        android:layout_above="@+id/tvDisc"
        android:layout_alignParentRight="true"
        android:layout_alignParentEnd="true"
        android:layout_toRightOf="@+id/ivImage"
        android:layout_toEndOf="@+id/ivImage" />

<ImageView
    android:id="@+id/ivImage"
    android:layout_width="200dp"
    android:layout_height="90dp"
    android:layout_alignParentBottom="true"
    android:layout_alignParentTop="true"
    android:padding="4dp"
    android:scaleType="fitXY" />

<TextView
    android:id="@+id/tvDisc"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@android:color/white"
    android:paddingLeft="15dp"
    android:paddingRight="15dp"
    android:text="1000.00"
    android:textAlignment="center"

    android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
        android:textColor="@android:color/black"
        android:textSize="12dp"
        android:layout_alignParentBottom="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentEnd="true"
        android:layout_marginBottom="16dp"
        android:layout_toRightOf="@+id/ivImage"
        android:layout_toEndOf="@+id/ivImage" />

<TextView
    android:id="@+id/tvPrice"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_centerVertical="true"
    android:layout_toEndOf="@+id/ivImage"
    android:layout_toRightOf="@+id/ivImage"
    android:text="Total:0"
    android:textAlignment="center"
    android:textAppearance="@style/Base.TextAppearance.AppCompat.Large"
    android:textSize="16dp"
    android:textStyle="bold|italic" />

<TextView
    android:id="@+id/tvID"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"

```

```

        android:layout_alignParentRight="true"
        android:layout_alignParentTop="true"
        android:layout_toEndOf="@+id/ivImage"
        android:layout_toRightOf="@+id/ivImage"
        android:text="Pattern 1"
        android:textAlignment="center"
        android:textSize="18sp"
        android:textStyle="bold" />

    </RelativeLayout>

</android.support.v7.widget.CardView>

</LinearLayout>

```

Layout_subproduct.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <android.support.v7.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="5dp">

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="251dp"
            android:padding="8dp">

            <TextView
                android:id="@+id/tvSDisc"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:background="@android:color/white"
                android:paddingLeft="15dp"
                android:paddingRight="15dp"
                android:text="100 %"
                android:textAlignment="center"

                android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
                android:textColor="@android:color/holo_red_light"
                android:textStyle="bold|italic"
                android:layout_alignBaseline="@+id/tvSID"
                android:layout_alignBottom="@+id/tvSID"
                android:layout_alignParentRight="true"
                android:layout_alignParentEnd="true" />

            <ImageView
                android:id="@+id/ivSImage"
                android:layout_width="200dp"
                android:layout_height="90dp"
                android:layout_above="@+id/tvSDisc"
                android:layout_alignParentEnd="true"
                android:layout_alignParentLeft="true"

```

```

        android:layout_alignParentRight="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:padding="4dp"
        android:scaleType="fitXY" />

<TextView
    android:id="@+id/tvSRPrice"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout_alignTop="@+id/tvSPrice"
    android:background="@android:color/white"
    android:paddingLeft="15dp"
    android:paddingRight="15dp"
    android:text="100"
    android:textAlignment="center"

    android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
    android:textColor="@android:color/black"
    android:textStyle="bold|italic" />

<TextView
    android:id="@+id/tvSPrice"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/tvSID"
    android:layout_alignParentBottom="true"
    android:layout_alignStart="@+id/tvSID"
    android:text="100 Rs."
    android:textAlignment="center"
    android:textAppearance="@style/Base.TextAppearance.AppCompat.Large"
    android:textSize="14sp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/tvSID"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/tvSPrice"
    android:layout_alignParentLeft="true"
    android:layout_alignParentStart="true"
    android:layout_marginBottom="21dp"
    android:layout_marginLeft="13dp"
    android:layout_marginStart="13dp"
    android:text="00001"
    android:textAlignment="center"
    android:textSize="14sp"
    android:textStyle="bold" />

</RelativeLayout>

</android.support.v7.widget.CardView>

</LinearLayout>

```

Main_category_layout.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <android.support.v7.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_margin="5dp" >

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="159dp"
            android:padding="8dp">

            <TextView
                android:id="@+id/tvRPrice"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_above="@+id/tvTotalItem"
                android:layout_marginBottom="12dp"
                android:layout_toEndOf="@+id/ivCategory"
                android:layout_toRightOf="@+id/ivCategory"
                android:background="@color/colorPrimary"
                android:paddingLeft="15dp"
                android:paddingRight="15dp"
                android:text="4.7"

                android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
                android:textStyle="bold" />

            <ImageView
                android:id="@+id/ivCategory"
                android:layout_width="180dp"
                android:layout_height="90dp"
                android:layout_alignParentBottom="true"
                android:layout_alignParentTop="true"
                android:padding="4dp" />

            <TextView
                android:id="@+id/tvCName"
                android:layout_width="200dp"
                android:layout_height="wrap_content"
                android:layout_alignParentEnd="true"
                android:layout_alignParentRight="true"
                android:layout_alignParentTop="true"
                android:layout_toEndOf="@+id/ivCategory"
                android:layout_toRightOf="@+id/ivCategory"
                android:text="Apple MacBook Air Core i5 5th Gen - (8 GB/128 GB SSD/Mac
OS Sierra)"

                android:textAppearance="@style/Base.TextAppearance.AppCompat.Small"
                android:textColor="#000000" />

            <TextView
                android:id="@+id/textViewShortDesc"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_centerVertical="true"
                android:layout_toRightOf="@+id/ivCategory"
                android:text="13.3 Inch, 256 GB"
                android:textAppearance="@style/Base.TextAppearance.AppCompat.Small"
                android:layout_alignParentRight="true"

```

```

        android:layout_alignParentEnd="true" />

    <TextView
        android:id="@+id/tvDisc"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignBaseline="@+id/tvRPrice"
        android:layout_alignBottom="@+id/tvRPrice"
        android:layout_toEndOf="@+id/tvTotalItem"
        android:layout_toRightOf="@+id/tvTotalItem"
        android:background="@color/colorPrimary"
        android:paddingLeft="15dp"
        android:paddingRight="15dp"
        android:text="4.7"

    android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/tvTotalItem"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_toRightOf="@+id/ivCategory"
        android:text="INR 56990"
        android:textAppearance="@style/Base.TextAppearance.AppCompat.Large"
        android:textStyle="bold" />

    </RelativeLayout>
</android.support.v7.widget.CardView>
</LinearLayout>

```

Nav_header_home.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="@dimen/nav_header_height"
    android:background="@drawable/side_nav_bar"
    android:gravity="bottom"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:theme="@style/ThemeOverlay.AppCompat.Dark">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        >
        <de.hdodenhof.circleimageview.CircleImageView
            android:id="@+id/ImageLogin"
            android:layout_width="128dp"
            android:layout_height="100dp"
            app:civ_border_width="2dp"
            android:paddingTop="@dimen/nav_header_vertical_spacing"
            android:src="@drawable/user" />

```

```

<TextView
    android:id="@+id/UsernameLogin"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:paddingTop="@dimen/nav_header_vertical_spacing"
    android:text="Yuvraj Mori"
    android:textAlignment="center"
    android:textAppearance="@style/TextAppearance.AppCompat.Body1"
    android:layout_alignBottom="@+id/ImageLogin"
    android:layout_alignParentRight="true"
    android:layout_alignParentEnd="true"
    android:layout_toRightOf="@+id/ImageLogin"
    android:layout_toEndOf="@+id/ImageLogin" />

<TextView
    android:id="@+id/EmailLogin"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_alignParentEnd="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentRight="true"
    android:layout_alignParentStart="true"
    android:text="yuvrajmori777@gmail.com"
    android:textAlignment="textEnd" />
</RelativeLayout>
</LinearLayout>

```

Notification_layout.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Notification"
        android:textAlignment="center"
        android:textSize="18dp"
        android:textStyle="bold" />

    <android.support.v7.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_margin="5dp">

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="138dp"
            android:padding="8dp">

            <TextView
                android:id="@+id/tvCDate"
                android:layout_width="wrap_content"

```

```

        android:layout_height="wrap_content"
        android:layout_alignParentEnd="true"
        android:layout_alignParentLeft="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:background="@android:color/white"
        android:paddingLeft="15dp"
        android:paddingRight="15dp"
        android:text="Thanks For The Registration\n\t\t\tWelcome To Textile
Pattern New Way Trading"
        android:textAlignment="viewStart"

    android:textAppearance="@style/Base.TextAppearance.AppCompat.Small.Inverse"
        android:textColor="@android:color/black"
        android:textSize="18sp"
        android:textStyle="italic" />

    <Button
        android:id="@+id/button10"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_centerHorizontal="true"
        android:text="Delete" />

</RelativeLayout>
</android.support.v7.widget.CardView>
</LinearLayout>

```

Manifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.moriyuvraj.textiledesignandtrade">

    <uses-permission android:name="android.permission.INTERNET" />
    <uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE" />

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity
            android:name=".HomeActivity"
            android:label="@string/app_name"
            android:theme="@style/AppTheme.NoActionBar" >

            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>

        </activity>
    
```

```

<activity
    android:name=".SubPattern" />
<activity android:name=".PatternView" />
<activity android:name=".UploadedPattern" />
<activity android:name=".UpdatePattern" />
<activity android:name=".NewPattern">

</activity>
<activity android:name=".DesignerHistory" />
<activity android:name=".Demo" />
<activity android:name=".LoginActivity" />
<activity android:name=".RegistrationActivity" />
<activity android:name=".ForgotPassword" />
<activity android:name=".Sorting" />
<activity android:name=".FeedbackActivity" />
<activity android:name=".RatingActivity" />
<activity android:name=".NotificationActivity"></activity>
</application>

</manifest>

```

BHistoryAdapter.java

```

package com.example.moriyuvraj.textiledesignandtrade;
import android.content.Context;
import android.support.v7.widget.RecyclerView;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import java.util.List;
public class BHistoryAdapter extends RecyclerView.Adapter<BHistoryAdapter.ProductViewHolder> {

    //this context we will use to inflate the layout
    private Context mCtx;

    //we are storing all the products in a list
    private List<DHistory> productList;

    //getting the context and product list with constructor
    public BHistoryAdapter(Context mCtx, List<DHistory> productList) {
        this.mCtx = mCtx;
        this.productList = productList;
    }

    @Override
    public ProductViewHolder onCreateViewHolder(ViewGroup parent, int viewType) {
        //inflating and returning our view holder
        LayoutInflater inflater = LayoutInflater.from(mCtx);
        View view = inflater.inflate(R.layout.layout_dbuy_history, null);

        //final int id=viewType;

```

```

        return new ProductViewHolder(view);
    }

    @Override
    public void onBindViewHolder(ProductViewHolder holder, int position) {
        //getting the product of the specified position
        DHistory product = productList.get(position);

        //binding the data with the viewholder views
        holder.tvTID.setText(String.valueOf(product.getID()));
        holder.tvPID.setText(String.valueOf(product.getPID()));
        holder.tvDate.setText(String.valueOf("5-5-2018"));
        holder.tvRS.setText(String.valueOf(product.getRS()));
        holder.ivTHImage.setImageDrawable(mContext.getResources().getDrawable(product.getImg()));
    }

    @Override
    public int getItemCount() {
        return productList.size();
    }

    class ProductViewHolder extends RecyclerView.ViewHolder {

        TextView tvTID, tvPID, tvDate, tvRS;
        ImageView ivTHImage;

        public ProductViewHolder(View itemView) {
            super(itemView);

            tvTID = (TextView) itemView.findViewById(R.id.tvTID);
            tvPID = (TextView) itemView.findViewById(R.id.tvPID);
            tvDate = (TextView) itemView.findViewById(R.id.tvDate);
            tvRS = (TextView) itemView.findViewById(R.id.tvRS);
            ivTHImage = (ImageView) itemView.findViewById(R.id.ivTHImage);
            itemView.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Toast.makeText(mContext, String.valueOf(tvRS.getText().toString()), Toast.LENGTH_LONG).show();
                }
            });
        }
    }
}

```

DesignerHistory.java

package com.example.moriyuvraj.textiledesignandtrade;

```

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.support.v7.widget.LinearLayoutManager;
import android.support.v7.widget.RecyclerView;

import java.util.ArrayList;
import java.util.Date;
import java.util.List;

```

```

public class DesignerHistory extends AppCompatActivity {
    List<DHistory> productList;

```

```

//the recyclerview
RecyclerView recyclerView;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_designer_history);

    recyclerView = (RecyclerView) findViewById(R.id.recyclerViewPatternBuyHistory);
    recyclerView.setHasFixedSize(true);
    recyclerView.setLayoutManager(new LinearLayoutManager(this));
    productList = new ArrayList<>();

    productList.add(new DHistory(5465,4521,R.drawable.m8,new Date(),550.00f));
    productList.add(new DHistory(5468,2158,R.drawable.m4,new Date(),450.00f));
    productList.add(new DHistory(8465,1215,R.drawable.m5,new Date(),100.00f));
    productList.add(new DHistory(7655,1452,R.drawable.m6,new Date(),150.00f));
    productList.add(new DHistory(7812,4101,R.drawable.m9,new Date(),220.00f));

    BHAdapter adapter = new BHAdapter(this, productList);

    //setting adapter to recyclerview
    recyclerView.setAdapter(adapter);
}

}

```

DHistory.java

```
package com.example.moriyuvraj.textiledesignandtrade;
```

```

import java.text.SimpleDateFormat;
import java.util.Date;

public class DHistory {
    private long ID;
    private long PID;
    private int Img;
    private String BDate;
    private double RS;

    public DHistory(long id,long pid,int img,Date bdate , double rs) {
        ID=id;
        PID=pid;
        Img=img;
        try
        {
            BDate = new SimpleDateFormat("dd-MM-YYYY").format(bdate);
        }
        catch (Exception ex)
        {
        }
        RS=rs;
    }

    public long getID() {
        return ID;
    }

    public void setID(long ID) {
        this.ID = ID;
    }

    public long getPID() {

```

```

        return PID;
    }

    public void setPID(long PID) {
        this.PID = PID;
    }

    public int getImg() {
        return Img;
    }

    public void setImg(int img) {
        Img = img;
    }

    public String getBDate() {
        return BDate;
    }

    public void setBDate(Date bDate) {
        this.BDate = new SimpleDateFormat("dd-MM-YYYY").format(bDate);
    }

    public double getRS() {
        return RS;
    }

    public void setRS(double RS) {
        this.RS = RS;
    }
}

```

HomeActivity.java

```

package com.example.moriyuvraj.textiledesignandtrade;

import android.content.Intent;
import android.os.AsyncTask;
import android.os.Bundle;
import android.support.design.widget.FloatingActionButton;
import android.support.design.widget.NavigationView;
import android.support.v4.view.GravityCompat;
import android.support.v4.widget.DrawerLayout;
import android.support.v7.app.ActionBarDrawerToggle;
import android.support.v7.app.AppCompatActivity;
import android.support.v7.widget.LinearLayoutManager;
import android.support.v7.widget.RecyclerView;
import android.support.v7.widget.Toolbar;
import android.util.Log;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import com.bumptech.glide.Glide;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;

```

```

import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;
import java.util.ArrayList;
import java.util.List;

public class HomeActivity extends AppCompatActivity
    implements NavigationView.OnNavigationItemSelectedListener {

    List<Product> productList;
    RecyclerView recyclerView;
    private static final String SERVER_PATH="http://textile-design-and-trade.000webhostapp.com/";

    String UID,UName,UType,UEmail,UMobile;

    TextView UsernameLogin,EmailLogin;
    ImageView ImageLogin;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);

        Bundle bd=getIntent().getExtras();
        if (bd!=null)
        {
            NavigationView navigationView=(NavigationView) findViewById(R.id.nav_view);
            UID= bd.getString("id","0");
            UName= bd.getString("name","");
            UType= bd.getString("type","");
            UEmail=bd.getString("email","");
            UMobile=bd.getString("mobile","");
            if (!UID.equals("0"))
            {
                ImageLogin= (ImageView) navigationView.getHeaderView(0).findViewById(R.id.ImageLogin);
                Glide.with(getApplicationContext())
                    .load(SERVER_PATH+"userpic/"+UMobile+".png")
                    .into(ImageLogin);
                UsernameLogin= (TextView) navigationView.getHeaderView(0).findViewById(R.id.UsernameLogin);
                UsernameLogin.setText(UName);
                EmailLogin= (TextView) navigationView.getHeaderView(0).findViewById(R.id.EmailLogin);
                EmailLogin.setText(UEmail);
            }
            if (UType.equalsIgnoreCase("Pattern Designer"))
            {
            }
        }
    }

    Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
    setSupportActionBar(toolbar);

    recyclerView = (RecyclerView) findViewById(R.id.recyclerView);
    recyclerView.setHasFixedSize(true);
    recyclerView.setLayoutManager(new LinearLayoutManager(this));

    productList = new ArrayList<>();

```

```

try {
    ServerResponse getJSON = new ServerResponse();
    getJSON.execute();
} catch (Exception ex) {
    Toast.makeText(this, ex.toString(), Toast.LENGTH_LONG).show();
}

FloatingActionButton fab = (FloatingActionButton) findViewById(R.id.addNew);
fab.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        Intent intentAddNew = new Intent(getApplicationContext(), NewPattern.class);
        startActivity(intentAddNew);
    }
});

DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
    this, drawer, toolbar, R.string.navigation_drawer_open, R.string.navigation_drawer_close);
drawer.setDrawerListener(toggle);
toggle.syncState();

NavigationView navigationView = (NavigationView) findViewById(R.id.nav_view);
navigationView.setNavigationItemSelected(this);

}

@Override
public void onBackPressed() {
    DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
    if (drawer.isDrawerOpen(GravityCompat.START)) {
        drawer.closeDrawer(GravityCompat.START);
    } else {
        super.onBackPressed();
    }
}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    getMenuInflater().inflate(R.menu.home, menu);
    return true;
}

@Override
public boolean onOptionsItemSelected(MenuItem item) {
    int id = item.getItemId();

    if (id == R.id.action_settings) {
        return true;
    }

    return super.onOptionsItemSelected(item);
}

@SuppressWarnings("StatementWithEmptyBody")
@Override
public boolean onNavigationItemSelected(MenuItem item) {
    int id = item.getItemId();
}

```

```

if (id == R.id.nav_Home) {
    Intent intentHome = new Intent(getApplicationContext(), HomeActivity.class);
    startActivity(intentHome);
} else if (id == R.id.nav_login) {
    Intent intentLogin = new Intent(getApplicationContext(), LoginActivity.class);
    startActivity(intentLogin);
} else if (id == R.id.nav_cart) {
    Intent intentUploadedPattern = new Intent(getApplicationContext(), UploadedPattern.class);
    startActivity(intentUploadedPattern);
}
else if (id == R.id.nav_history) {
    Intent intentBHistory = new Intent(getApplicationContext(), DesignerHistory.class);
    startActivity(intentBHistory);
} else if (id == R.id.nav_Exit) {

} else if (id == R.id.nav_Logout) {

} else if (id == R.id.nav_share) {

} else if (id == R.id.nav_send) {

}

DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
drawer.closeDrawer(GravityCompat.START);
return true;
}

class ServerResponse extends AsyncTask<Void, Void, String> {
    private static final String SERVER_PATH = "http://textile-design-and-trade.000webhostapp.com/codefile/";

    @Override
    protected String doInBackground(Void... voids) {
        StringBuilder sb = new StringBuilder();
        try {
            URL url = new URL(SERVER_PATH + "/getcategory.php");
            HttpURLConnection con = (HttpURLConnection) url.openConnection();
            BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(con.getInputStream()));
            String json;
            while ((json = bufferedReader.readLine()) != null) {
                sb.append(json + "\n");
            }
            return sb.toString().trim();
        } catch (Exception e) {
            Toast.makeText(HomeActivity.this, e.toString(), Toast.LENGTH_LONG).show();
            Log.e("ex:", e.toString());
            return sb.toString();
        }
    }

    @Override
    protected void onPreExecute() {
        super.onPreExecute();
    }

    protected void onPostExecute(String jdata) {
        super.onPostExecute(jdata);
        try {
            int id,totalitem=0;
            double minprice=0,maxprice=0;
            String img,name;
            JSONArray jsonArray = new JSONArray(jdata);

```

```
for (int i = 0; i < jsonArray.length(); i++) {  
    JSONObject obj = jsonArray.getJSONObject(i);  
    id = Integer.parseInt(obj.getString("id"));  
    name = obj.getString("category");  
    img = obj.getString("image");  
    totalitem=Integer.parseInt(obj.getString("totalitem"));  
    minprice=Double.parseDouble(obj.getString("minprice"));  
    maxprice=Double.parseDouble(obj.getString("maxprice"));  
    productList.add((new Product(id,id,name,totalitem,minprice,maxprice)));  
}  
  
ProductAdapter adapter = new ProductAdapter(HomeActivity.this, productList);  
recyclerView.setAdapter(adapter);  
  
}  
catch (JSONException e) {  
    Toast.makeText(HomeActivity.this, e.toString(), Toast.LENGTH_LONG).show();  
}  
}  
}  
}
```

LoginActivity.java

```
package com.example.moriyuvraj.textiledesignandtrade;
```

```
import android.content.Intent;
import android.os.AsyncTask;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.util.Log;
import android.view.View;
import android.widget.TextView;
import android.widget.Toast;

import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;

public class LoginActivity extends AppCompatActivity {
    TextView txtEmail,txtPassword;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);

        txtEmail= (TextView) findViewById(R.id.txtEmail);
        txtPassword= (TextView) findViewById(R.id.txtPassword);
    }
    public void onNewUser(View view)
    {
        Intent intentRegistration=new Intent(getApplicationContext(),RegistrationActivity.class);
        startActivity(intentRegistration);
    }
    public void onSkip(View view)
    {
        Intent intentRegistration=new Intent(getApplicationContext(),HomeActivity.class);
        startActivity(intentRegistration);
    }
    public void onFogot(View view)
```

```

{
    Intent intentRegistration=new Intent(getApplicationContext(),ForgetPassword.class);
    startActivity(intentRegistration);
}
public void onLogin(View view)
{
    if (txtEmail.getText().toString().isEmpty())
    {
        Toast.makeText(this, "Enter User Email", Toast.LENGTH_LONG).show();
        return;
    }
    else if (txtPassword.getText().toString().isEmpty())
    {
        Toast.makeText(this, "Enter Password", Toast.LENGTH_LONG).show();
        return;
    }
    try {
        LoginActivity.ServerResponse getJSON = new
LoginActivity.ServerResponse(txtEmail.getText().toString(),txtPassword.getText().toString());
        getJSON.execute();
    } catch (Exception ex) {
        Toast.makeText(this, ex.toString(), Toast.LENGTH_LONG).show();
    }
}
private static boolean isValide()
{
    return true;
}
class ServerResponse extends AsyncTask<Void, Void, String> {
    private static final String SERVER_PATH = "http://textile-design-and-trade.000webhostapp.com/codefile/";
    private String email,pass;
    public ServerResponse(String e, String p)
    {
        super();
        email=e;
        pass=p;
    }
    @Override
    protected String doInBackground(Void... voids) {
        StringBuilder sb = new StringBuilder();
        try {
URL url = new URL(SERVER_PATH + "userlogin.php?email=" + email + "&pass=" + pass);
HttpURLConnection con = (HttpURLConnection) url.openConnection();
BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(con.getInputStream()));
String json;
while ((json = bufferedReader.readLine()) != null) {
    sb.append(json + "\n");
}
return sb.toString().trim();
} catch (Exception e) {
    Toast.makeText(LoginActivity.this, e.toString(), Toast.LENGTH_LONG).show();
    Log.e("ex:", e.toString());
    return sb.toString();
}
}
    @Override
    protected void onPostExecute() {
        super.onPostExecute();
    }
}

```

```
}

protected void onPostExecute(String jdata) {
    super.onPostExecute(jdata);
    try
    {
        JSONObject obj=new JSONObject(jdata);
        if(obj.getInt("valid")==1)
        {
            Intent intent=new Intent(getApplicationContext(),HomeActivity.class);
            intent.putExtra("id",obj.getString("id"));
            intent.putExtra("name",obj.getString("name"));
            intent.putExtra("type",obj.getString("type"));
            intent.putExtra("email",obj.getString("email"));
            intent.putExtra("mobile",obj.getString("mobile"));
            startActivity(intent);
            Toast.makeText(LoginActivity.this,
                    obj.getInt("valid")+"\n"+obj.getString("id")+"\n"+obj.getString("name")
                    +"\n"+obj.getString("type"), Toast.LENGTH_LONG).show();
        }
        else
        {
            Toast.makeText(LoginActivity.this, "Invalid User Name Or Password", Toast.LENGTH_LONG).show();
        }
    }
    catch (JSONException e)
    {
        Toast.makeText(LoginActivity.this, e.toString(), Toast.LENGTH_LONG).show();
    }
}
}
```

NewPattern.java

```
package com.example.moriyuvraj.textiledesignandtrade;
```

```
import android.Manifest;
import android.annotation.SuppressLint;
import android.content.ContentUris;
import android.content.Context;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.database.Cursor;
import android.graphics.Bitmap;
import android.graphics.Color;
import android.net.Uri;
import android.os.AsyncTask;
import android.os.Build;
import android.os.Bundle;
import android.os.Environment;
import android.provider.DocumentsContract;
import android.provider.MediaStore;
import android.support.annotation.RequiresApi;
import android.support.design.widget.FloatingActionButton;
import android.support.v4.app.ActivityCompat;
import android.support.v7.app.AppCompatActivity;
import android.util.Base64;
import android.util.Log;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.EditText;
import android.widget.ImageView;
```

```

import android.widget.Spinner;
import android.widget.Toast;

import com.android.volley.AuthFailureError;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;
import java.io.ByteArrayOutputStream;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URISyntaxException;
import java.net.URL;
import java.util.ArrayList;
import java.util.Hashtable;
import java.util.List;
import java.util.Map;

public class NewPattern extends AppCompatActivity {

    String uid="1";
    Bitmap bitmap;

    Spinner spNCatogory;
    ImageView patternImg,ivNSave,ivNCancel;
    FloatingActionButton srcButton;
    EditText tvNPatternFile,tvNPrice,tvNStiches,tvNDiscount;

    private File selectedFile;
    String filePath;
    File file;

    private static final int FILE_SELECT_CODE = 0;
    private String fileDate;

    String UPLOAD_URL="http://textile-design-and-trade.000webhostapp.com/codefile/newpattern.php";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_new_pattern);

        patternImg=(ImageView)findViewById(R.id.patternImg);
        ivNCancel=(ImageView)findViewById(R.id.ivNCancel);

        tvNPrice=(EditText)findViewById(R.id.tvNPrice);
        tvNStiches=(EditText)findViewById(R.id.tvNStiches);
        tvNDiscount=(EditText)findViewById(R.id.tvNDiscount);

```

```

ivNSave=(ImageView)findViewById(R.id.ivNSave);

ivNSave.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {

        if(tvNPrice.getText().toString().isEmpty())
        {
            Toast.makeText(NewPattern.this, "Enter Price", Toast.LENGTH_LONG).show();
        }
        else if(tvNStiches.getText().toString().isEmpty())
        {
            Toast.makeText(NewPattern.this, "Enter Stiches", Toast.LENGTH_LONG).show();
        }
        else if(tvNDiscount.getText().toString().isEmpty())
        {
            Toast.makeText(NewPattern.this, "Enter Proper Discount", Toast.LENGTH_LONG).show();
        }
        else if(bitmap==null)
        {
            Toast.makeText(NewPattern.this, "Select Pattern Image", Toast.LENGTH_LONG).show();
        }
        else if(fileDate.toString().isEmpty())
        {
            Toast.makeText(NewPattern.this, "Select Pattern File", Toast.LENGTH_LONG).show();
        }
        else
        {
            uploadImage();
        }
    }
});

ivNCancel.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {

        Intent intent=new Intent(getApplicationContext(),HomeActivity.class);
        startActivity(intent);
    }
});

srcButton=(FloatingActionButton) findViewById(R.id.srcButton);
tvNPatternFile=(EditText)findViewById(R.id.tvNPatternFile);
spNCatogory=(Spinner)findViewById(R.id.spNCatogory);

try {
    NewPattern.ServerResponseCategory getJSON = new ServerResponseCategory();
    getJSON.execute();
} catch (Exception ex) {
    Toast.makeText(this, ex.toString(), Toast.LENGTH_LONG).show();
}

srcButton.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        showFileChooser();
    }
});
patternImg.setOnClickListener(new View.OnClickListener() {
    @RequiresApi(api = Build.VERSION_CODES.M)
    @Override

```

```

public void onClick(View v) {
    if(ActivityCompat.checkSelfPermission(getApplicationContext(),
        Manifest.permission.READ_EXTERNAL_STORAGE) != PackageManager.PERMISSION_GRANTED)
    {
        requestPermissions(
            new String[]{Manifest.permission.READ_EXTERNAL_STORAGE},
            2000);
    }
    else {
        startGallery();
    }
}
});

}

private void startGallery() {
    Intent cameraIntent = new Intent(Intent.ACTION_PICK, MediaStore.Images.Media.EXTERNAL_CONTENT_URI);
    cameraIntent.setType("image/*");
    if (cameraIntent.resolveActivity(getApplicationContext().getPackageManager()) != null) {
        startActivityForResult(cameraIntent, 1000);
    }
}

public String getStringImage(Bitmap bmp){
    ByteArrayOutputStream baos = new ByteArrayOutputStream();
    bmp.compress(Bitmap.CompressFormat.JPEG, 100, baos);
    byte[] imageBytes = baos.toByteArray();
    String encodedImage = Base64.encodeToString(imageBytes, Base64.DEFAULT);
    return encodedImage;
}

@RequiresApi(api = Build.VERSION_CODES.M)
public void onActivityResult(int requestCode, int resultCode, Intent data) {
    //super method removed
    if(resultCode == AppCompatActivity.RESULT_OK) {
        if(requestCode == 1000){
            Uri returnUri = data.getData();
            try {
                bitmap = MediaStore.Images.Media.getBitmap(getApplicationContext().getContentResolver(), returnUri);
                patternImg.setImageBitmap(bitmap);
                patternImg.setVisibility(View.VISIBLE);
                patternImg.setVisibility(View.VISIBLE);
            }catch (Exception e){
                e.printStackTrace();
            }
        }
        if (resultCode == RESULT_OK) {
            // Get the Uri of the selected file
            Uri uri = data.getData();
            // Toast.makeText(getApplicationContext(), "File Uri: " + uri.toString(), Toast.LENGTH_LONG).show();
            Log.d("My File Selector", "File Uri: " + uri.toString());
            // Get the path
            try {
                filePath= getPath(getApplicationContext(),uri);
                Toast.makeText(this, filePath, Toast.LENGTH_SHORT).show();
            } catch (URISyntaxException e) {
                Toast.makeText(this, e.toString(), Toast.LENGTH_SHORT).show();
            }
        }
        if (checkSelfPermission(Manifest.permission.READ_EXTERNAL_STORAGE)
            == PackageManager.PERMISSION_GRANTED) {
            ReadFile();
        }
    }
}

```

```

    } else {

        ActivityCompat.requestPermissions(this, new String[]{Manifest.permission.READ_EXTERNAL_STORAGE}, 2);

    }

}

//File Selecter Code

private void showFileChooser() {
    Intent intent = new Intent(Intent.ACTION_GET_CONTENT);
    intent.setType("*/*");
    intent.addCategory(Intent.CATEGORY_OPENABLE);

    try {
        startActivityForResult(
            Intent.createChooser(intent, "Select a File to Upload"),
            FILE_SELECT_CODE);
    } catch (android.content.ActivityNotFoundException ex) {
        // Potentially direct the user to the Market with a Dialog
        Toast.makeText(this, "Please install a File Manager.",
            Toast.LENGTH_SHORT).show();
    }
}
//End File Selecter
@SuppressLint("NewApi")
public static String getPath(Context context, Uri uri) throws URISyntaxException {
    final boolean needToCheckUri = Build.VERSION.SDK_INT >= 19;
    String selection = null;
    String[] selectionArgs = null;
    // Uri is different in versions after KITKAT (Android 4.4), we need to
    // deal with different Uris.
    if (needToCheckUri && DocumentsContract.isDocumentUri(context.getApplicationContext(), uri)) {
        if (isExternalStorageDocument(uri)) {
            final String docId = DocumentsContract.getDocumentId(uri);
            final String[] split = docId.split(":");
            return Environment.getExternalStorageDirectory() + "/" + split[1];
        } else if (isDownloadsDocument(uri)) {
            final String id = DocumentsContract.getDocumentId(uri);
            uri = ContentUris.withAppendedId(
                Uri.parse("content://downloads/public_downloads"), Long.valueOf(id));
        } else if (isMediaDocument(uri)) {
            final String docId = DocumentsContract.getDocumentId(uri);
            final String[] split = docId.split(":");
            final String type = split[0];
            if ("image".equals(type)) {
                uri = MediaStore.Images.Media.EXTERNAL_CONTENT_URI;
            } else if ("video".equals(type)) {
                uri = MediaStore.Video.Media.EXTERNAL_CONTENT_URI;
            } else if ("audio".equals(type)) {
                uri = MediaStore.Audio.Media.EXTERNAL_CONTENT_URI;
            }
            selection = "_id=?";
            selectionArgs = new String[]{split[1]};
        }
    }
    if ("content".equalsIgnoreCase(uri.getScheme())) {

```

```

String[] projection = { MediaStore.Images.Media.DATA };
Cursor cursor = null;
try {
    cursor = context.getContentResolver().query(uri, projection, selection, selectionArgs, null);
    int column_index = cursor.getColumnIndexOrThrow(MediaStore.Images.Media.DATA);
    if (cursor.moveToFirst()) {
        return cursor.getString(column_index);
    }
} catch (Exception e) {
}
} else if ("file".equalsIgnoreCase(uri.getScheme())) {
    return uri.getPath();
}
return null;
}

/**
 * @param uri The Uri to check.
 * @return Whether the Uri authority is ExternalStorageProvider.
 */
public static boolean isExternalStorageDocument(Uri uri) {
    return "com.android.externalstorage.documents".equals(uri.getAuthority());
}

/**
 * @param uri The Uri to check.
 * @return Whether the Uri authority is DownloadsProvider.
 */
public static boolean isDownloadsDocument(Uri uri) {
    return "com.android.providers.downloads.documents".equals(uri.getAuthority());
}

/**
 * @param uri The Uri to check.
 * @return Whether the Uri authority is MediaProvider.
 */
public static boolean isMediaDocument(Uri uri) {
    return "com.android.providers.media.documents".equals(uri.getAuthority());
}

@Override
public void onRequestPermissionsResult(int requestCode, String[] permissions, int[] grantResults) {
    super.onRequestPermissionsResult(requestCode, permissions, grantResults);
    switch (requestCode) {
        case 2:
            if(grantResults[0]== PackageManager.PERMISSION_GRANTED){
                //resume tasks needing this permission
                ReadFile();
            }else{
                }
            break;
    }
}

case 2000:
if(grantResults[0]== PackageManager.PERMISSION_GRANTED){

}else{
}

```

```

        break;
    }
}
public void ReadFile()
{
    File f= new File(filePath);

    fileDate = new StringBuilder();
    try {
        BufferedReader br = new BufferedReader(new FileReader(f));
        String line;

        while ((line = br.readLine()) != null) {
            fileDate.append(line);
            fileDate.append("\n");
        }
        br.close();
        if (fileDate.length()<100)
        {

        }
        tvNPatternFile.setText(filePath);
        //assign textbod
    } catch (FileNotFoundException e) {

        e.printStackTrace();
    } catch (IOException e) {

        e.printStackTrace();
    }
}

class ServerResponseCategory extends AsyncTask<Void, Void, String> {
    private static final String SERVER_PATH = "http://textile-design-and-trade.000webhostapp.com/codefile/";

    @Override
    protected String doInBackground(Void... voids) {
        StringBuilder sb = new StringBuilder();
        try {
            URL url = new URL(SERVER_PATH + "getonlycategory.php");
            HttpURLConnection con = (HttpURLConnection) url.openConnection();
            BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(con.getInputStream()));
            String json;
            while ((json = bufferedReader.readLine()) != null) {
                sb.append(json + "\n");
            }
            return sb.toString().trim();
        } catch (Exception e) {
            Toast.makeText(NewPattern.this, e.toString(), Toast.LENGTH_LONG).show();
            Log.e("ex:", e.toString());
            return sb.toString();
        }
    }

    @Override
    protected void onPostExecute() {
        super.onPostExecute();
    }

    protected void onPostExecute(String jdata) {
        super.onPostExecute(jdata);
    }
}

```

```

try {
    int id;
    String category;
    JSONArray jsonArray = new JSONArray(jdata);
    if(jsonArray.length()>0) {
        List<String> lc = new ArrayList<String>();
        for (int i = 0; i < jsonArray.length(); i++) {
            JSONObject obj = jsonArray.getJSONObject(i);
            id = Integer.parseInt(obj.getString("id"));
            category = obj.getString("category");
            lc.add(category);
        }
        ArrayAdapter aa = new ArrayAdapter(getApplicationContext(), android.R.layout.simple_spinner_item, lc);
        aa.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        spNCatogory.setBackgroundDrawable(Color.rgb( 30,144,255));
        spNCatogory.setAdapter(aa);
    }
} catch (JSONException e) {
    Toast.makeText(getApplicationContext(), e.toString(), Toast.LENGTH_LONG).show();
}
}

private void uploadImage(){
    //Showing the progress dialog
    final ProgressDialog loading = ProgressDialog.show(getApplicationContext(),"Uploading...","Please wait...",false,false);

    StringRequest stringRequest = new StringRequest(Request.Method.POST, UPLOAD_URL,
        new Response.Listener<String>() {
            @Override
            public void onResponse(String s) {
                //Dismissing the progress dialog
                // loading.dismiss();

                if(s.trim().equals("3")){
                    Intent intent=new Intent(getApplicationContext(), LoginActivity.class);
                    startActivity(intent);
                    Toast.makeText(getApplicationContext(),"Add New Pattern", Toast.LENGTH_LONG).show();
                }
                else if(s.trim().equals("0")){
                    Toast.makeText(getApplicationContext(),"Add New Pattern Fail...", Toast.LENGTH_LONG).show();
                }
                //Showing toast message of the response
            }
        },
        new Response.ErrorListener() {
            @Override
            public void onErrorResponse(VolleyError volleyError) {
                //Dismissing the progress dialog
                //loading.dismiss();

                //Showing toast
                Toast.makeText(getApplicationContext(), volleyError.getMessage().toString(), Toast.LENGTH_LONG).show();
            }
        });
}

```

```

@Override
protected Map<String, String> getParams() throws AuthFailureError {
    //Converting Bitmap to String
    String image = getStringImage(bitmap);

    //Getting Image Name

    //Creating parameters
    Map<String, String> params = new Hashtable<String, String>();

    //Adding parameters
    // txtNameR,txtEmailR,txtMobileR,txtStreetR,txtPassR
    params.put("pic", image);

    params.put("uid", uid);
    params.put("cid", spNCatogory.getSelectedItem().toString());
    params.put("price", tvNPrice.getText().toString());

    // txtStateR,txtCityR,txtBTypeR
    params.put("stitch", tvNStiches.getText().toString());
    params.put("discount", tvNDiscount.getText().toString());
    params.put("data", fileDate.toString());
    //returning parameters
    return params;
}
};

RequestQueue requestQueue = Volley.newRequestQueue(getApplicationContext());
//Adding request to the queue
requestQueue.add(stringRequest);
}

}

```

Patternview.java

```

package com.example.moriyuvraj.textiledesignandtrade;

import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.os.AsyncTask;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import com.bumptech.glide.Glide;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;

```

```

public class PatternView extends AppCompatActivity {
    private static String PID;

```

```

ImageView imvpic;
Button btnBuy,btnCart;
TextView tvprice,tvdprice,tvdis,tvformat,tvid,tvtiches;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_pattern_view);
    PID=getIntent().getExtras().get("pid").toString();
    imvpic=(ImageView) findViewById(R.id.imvpic);
    btnCart=(Button) findViewById(R.id.btnaddcart);
    btnBuy=(Button) findViewById(R.id.btnbuy);
    tvprice=(TextView) findViewById(R.id.tvrs);
    tvdprice=(TextView) findViewById(R.id.tvdrs);
    tvid=(TextView) findViewById(R.id.tvid);
    tvformat=(TextView) findViewById(R.id.tvformat);
    tvdis=(TextView) findViewById(R.id.tvdis);
    tvtiches=(TextView) findViewById(R.id.tvtiches);
    try {
        PatternView.ServerResponse getJSON = new PatternView.ServerResponse();
       getJSON.execute();
    } catch (Exception ex) {
        Toast.makeText(this, ex.toString(), Toast.LENGTH_LONG).show();
    }
    btnCart.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Toast.makeText(PatternView.this, "Add To Cart Pattern", Toast.LENGTH_SHORT).show();
        }
    });
    btnBuy.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Toast.makeText(PatternView.this, "Download Pattern Design\nCode File Complete.", Toast.LENGTH_SHORT).show();
        }
    });
}
class ServerResponse extends AsyncTask<Void, Void, String> {
    private static final String SERVER_PATH = "http://textile-design-and-trade.000webhostapp.com/";

    @Override
    protected String doInBackground(Void... voids) {
        StringBuilder sb = new StringBuilder();
        try {
            URL url = new URL(SERVER_PATH + "codefile/getpattern.php?pid=" + PID);
            HttpURLConnection con = (HttpURLConnection) url.openConnection();
            BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(con.getInputStream()));
            String json;
            while ((json = bufferedReader.readLine()) != null) {
                sb.append(json + "\n");
            }
            return sb.toString().trim();
        } catch (Exception e) {
            Toast.makeText(PatternView.this, e.toString(), Toast.LENGTH_LONG).show();
            Log.e("ex:", e.toString());
            return sb.toString();
        }
    }
}

@Override

```

```

protected void onPreExecute() {
    super.onPreExecute();
}

protected void onPostExecute(String jdata) {
    super.onPostExecute(jdata);
    try {
        double price=0,disc=0;
        JSONArray jsonArray = new JSONArray(jdata);
        for (int i = 0; i < jsonArray.length(); i++)
        {
            JSONObject obj = jsonArray.getJSONObject(i);

            price=Double.parseDouble(obj.getString("price"));
            disc=Double.parseDouble(obj.getString("discount"));

            Glide.with(getApplicationContext())
                .load(SERVER_PATH+"patternpic/"+obj.getString("id")+".png")
                .into(imvpic);

            tvid.setText("Pattern No. "+obj.getString("id"));
            // new DownloadImageTaskViewPattern(imvpic).execute("http://textile-design-and-
            trade.000webhostapp.com/patternpic/"+obj.getString("id")+".png");
            tvprice.setText("Price: "+obj.getString("price"));
            tvdis.setText("Disc: "+obj.getString("discount")+"%");
            tvdprice.setText("Disc. Price: "+(price-(price*disc/100)));

            tvtiches.setText("Tiches: "+obj.getString("stitch"));
            tvformat.setText("File Format: "+obj.getString("format"));
        }
    } catch (JSONException e) {
        Toast.makeText(PatternView.this, e.toString(), Toast.LENGTH_LONG).show();
    }
}
}

class DownloadImageTaskViewPattern extends AsyncTask<String, Void, Bitmap>
{
    ImageView bmImage;
    public DownloadImageTaskViewPattern(ImageView bmImage) {
        this.bmImage = bmImage;
    }
    protected Bitmap doInBackground(String... urls)
    {
        String urldisplay = urls[0];
        Bitmap bmp = null;
        try
        {
            InputStream in = new java.net.URL(urldisplay).openStream();
            bmp = BitmapFactory.decodeStream(in);
        }
        catch (Exception e)
        {
            Log.e("Error", e.getMessage());
            e.printStackTrace();
        }
        return bmp;
    }
    protected void onPostExecute(Bitmap result)
    {
        bmImage.setImageBitmap(result);
    }
}

```

```

        }

    package com.example.moriyuvraj.textiledesignandtrade;

import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.os.AsyncTask;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import com.bumptech.glide.Glide;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;

public class PatternView extends AppCompatActivity {
    private static String PID;
    ImageView imvpic;
    Button btnBuy,btnCart;
    TextView tvprice,tvdprice,tvdis,tvformat,tvid,tvtiches;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_pattern_view);
        PID=getIntent().getExtras().get("pid").toString();
        imvpic= (ImageView) findViewById(R.id.imvpic);
        btnCart= (Button) findViewById(R.id.btnaddcart);
        btnBuy= (Button) findViewById(R.id.btnbuy);
        tvprice= (TextView) findViewById(R.id.tvrs);
        tvdprice= (TextView) findViewById(R.id.tvdrs);
        tvid= (TextView) findViewById(R.id.tvid);
        tvformat= (TextView) findViewById(R.id.tvformat);
        tvdis= (TextView) findViewById(R.id.tvdis);
        tvtiches= (TextView) findViewById(R.id.tvtiches);
        try {
            PatternView.ServerResponse getJSON = new PatternView.ServerResponse();
            getJSON.execute();
        } catch (Exception ex) {
            Toast.makeText(this, ex.toString(), Toast.LENGTH_LONG).show();
        }
        btnCart.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Toast.makeText(PatternView.this, "Add To Cart Pattern", Toast.LENGTH_SHORT).show();
            }
        });
        btnBuy.setOnClickListener(new View.OnClickListener() {
            @Override

```

```

public void onClick(View v) {
    Toast.makeText(PatternView.this, "Download Pattern Design\nCode File Complete.",
    Toast.LENGTH_SHORT).show();
}
};

class ServerResponse extends AsyncTask<Void, Void, String> {
    private static final String SERVER_PATH = "http://textile-design-and-trade.000webhostapp.com/";

    @Override
    protected String doInBackground(Void... voids) {
        StringBuilder sb = new StringBuilder();
        try {
            URL url = new URL(SERVER_PATH + "codefile/getpattern.php?pid=" + PID);
            HttpURLConnection con = (HttpURLConnection) url.openConnection();
            BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(con.getInputStream()));
            String json;
            while ((json = bufferedReader.readLine()) != null) {
                sb.append(json + "\n");
            }
            return sb.toString().trim();
        } catch (Exception e) {
            Toast.makeText(PatternView.this, e.toString(), Toast.LENGTH_LONG).show();
            Log.e("ex:", e.toString());
            return sb.toString();
        }
    }

    @Override
    protected void onPreExecute() {
        super.onPreExecute();
    }

    protected void onPostExecute(String jdata) {
        super.onPostExecute(jdata);
        try {
            double price=0,disc=0;
            JSONArray jsonArray = new JSONArray(jdata);
            for (int i = 0; i < jsonArray.length(); i++) {
                JSONObject obj = jsonArray.getJSONObject(i);

                price=Double.parseDouble(obj.getString("price"));
                disc=Double.parseDouble(obj.getString("discount"));

                Glide.with(getApplicationContext())
                    .load(SERVER_PATH+"patternpic/"+obj.getString("id")+".png")
                    .into(imvpic);

                tvid.setText("Pattern No. "+obj.getString("id"));
                // new DownloadImageTaskViewPattern(imvpic).execute("http://textile-design-and-
                trade.000webhostapp.com/patternpic/"+obj.getString("id")+".png");
                tvprice.setText("Price: "+obj.getString("price"));
                tvdis.setText("Disc: "+obj.getString("discount")+"%");
                tvdprice.setText("Disc. Price: "+(price-(price*disc/100)));

                tvtches.setText("Tiches: "+obj.getString("stitch"));
                tvformat.setText("File Format: "+obj.getString("format"));
            }
        } catch (JSONException e) {
            Toast.makeText(PatternView.this, e.toString(), Toast.LENGTH_LONG).show();
        }
    }
}

```

```

        }
    }
}
class DownloadImageTaskViewPattern extends AsyncTask<String, Void, Bitmap>
{
    ImageView bmImage;
    public DownloadImageTaskViewPattern(ImageView bmImage) {
        this.bmImage = bmImage;
    }
    protected Bitmap doInBackground(String... urls)
    {
        String urldisplay = urls[0];
        Bitmap bmp = null;
        try
        {
            InputStream in = new java.net.URL(urldisplay).openStream();
            bmp = BitmapFactory.decodeStream(in);
        }
        catch (Exception e)
        {
            Log.e("Error", e.getMessage());
            e.printStackTrace();
        }
        return bmp;
    }
    protected void onPostExecute(Bitmap result)
    {
        bmImage.setImageBitmap(result);
    }
}

```

product.java

```

package com.example.moriyuvraj.textiledesignandtrade;

public class Product {
    private int ID;
    private String CName;
    private int Img;
    private double MinPrice;
    private double MaxPrice;
    private long TotalItem;

    public Product(int id, int img, String cname, long totalitem, double minprice, double maxprice) {
        this.setID(id);
        this.setCName(cname);
        this.setMinPrice(minprice);
        this.setMaxPrice(maxprice);
        this.setTotalItem(totalitem);
        this.setImg(img);
    }

    public int getID() {
        return ID;
    }

    public void setID(int ID) {
        this.ID = ID;
    }
}

```

```

}

public String getcname() {
    return CName;
}

public void setcname(String CName) {
    this.CName = CName;
}

public int getimg() {
    return Img;
}

public void setimg(int img) {
    Img = img;
}

public double getminPrice() {
    return MinPrice;
}

public void setminPrice(double minPrice) {
    MinPrice = minPrice;
}

public double getMaxPrice() {
    return MaxPrice;
}

public void setMaxPrice(double maxPrice) {
    MaxPrice = maxPrice;
}

public long getTotalItem() {
    return TotalItem;
}

public void setTotalItem(long totalItem) {
    TotalItem = totalItem;
}
}

```

ProductAdapter.java

```

package com.example.moriyuvraj.textiledesignandtrade;

import android.content.Context;
import android.content.Intent;
import android.support.v7.widget.RecyclerView;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import com.bumptech.glide.Glide;

import java.util.List;

```

```

public class ProductAdapter extends RecyclerView.Adapter<ProductAdapter.ProductViewHolder> {

    private static final String SERVER_PATH="http://textile-design-and-trade.000webhostapp.com/categorypic/";
    private Context mCtx;

    private List<Product> productList;

    public ProductAdapter(Context mCtx, List<Product> productList) {
        this.mCtx = mCtx;
        this.productList = productList;
    }

    @Override
    public ProductViewHolder onCreateViewHolder(ViewGroup parent, int viewType) {
        LayoutInflator inflater = LayoutInflator.from(mCtx);
        View view = inflater.inflate(R.layout.layout_products, null);

        return new ProductViewHolder(view);
    }

    @Override
    public void onBindViewHolder(ProductViewHolder holder, int position) {
        Product product = productList.get(position);

        //new
        DownloadImageTask(holder.imImage).execute(SERVER_PATH+String.valueOf(String.valueOf(product.getID())+".png"));
        Glide.with(mCtx)
            .load(SERVER_PATH+String.valueOf(String.valueOf(product.getID())+".png"))
            .into(holder.imImage);
        // holder.imImage.setImageDrawable(null);
        holder.tvMaxPrice.setText("Max. Price: "+String.valueOf(product.getMaxPrice()));
        holder.tvMinPrice.setText("Min. Price: "+String.valueOf(product.getMinPrice()));
        holder.tvName.setText(product.getCompanyName());
        holder.tvName.setTag(product.getID());
        holder.tvTotal.setText("Total Items: "+String.valueOf(product.getTotalItem()));
        holder.tvTotal.setTag(product.getTotalItem());
    }

    @Override
    public int getItemCount() {
        return productList.size();
    }

    class ProductViewHolder extends RecyclerView.ViewHolder {

        TextView tvMinPrice, tvMaxPrice, tvName, tvTotal;
        ImageView imImage;

        public ProductViewHolder(View itemView) {
            super(itemView);

            tvName = (TextView) itemView.findViewById(R.id.tvID);
            tvTotal = (TextView) itemView.findViewById(R.id.tvPrice);
            tvMaxPrice = (TextView) itemView.findViewById(R.id.tvDisc);
            tvMinPrice = (TextView) itemView.findViewById(R.id.tvRPrice);
            imImage = (ImageView) itemView.findViewById(R.id.ivImage);
            itemView.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {

```

```

        int totalitem=Integer.parseInt(tvTotal.getTag().toString());
        if(totalitem<=0)
        {
            Toast.makeText(mContext,"Sorry Currently No Pattern In This Category !!", Toast.LENGTH_LONG).show();
            return;
        }
        Intent intent=new Intent(mContext.getApplicationContext(),SubPattern.class);
        intent.putExtra("cid",String.valueOf(tvName.getTag()));
        mContext.startActivity(intent);
        Toast.makeText(mContext, String.valueOf(tvName.getText()), Toast.LENGTH_LONG).show();
    }
}
/*
class DownloadImageTask extends AsyncTask<String, Void, Bitmap>
{
    ImageView bmImage;
    public DownloadImageTask(ImageView bmImage) {
        this.bmImage = bmImage;
    }
    protected Bitmap doInBackground(String... urls)
    {
        String urldisplay = urls[0];
        Bitmap bmp = null;
        try
        {
            InputStream in = new java.net.URL(urldisplay).openStream();
            bmp = BitmapFactory.decodeStream(in);
        }
        catch (Exception e)
        {
            Log.e("Error", e.getMessage());
            e.printStackTrace();
        }
        return bmp;
    }
    protected void onPostExecute(Bitmap result)
    {
        bmImage.setImageBitmap(result);
    }
}*/

```

RegistrationActivity.java

```

package com.example.moriyuvraj.textiledesignandtrade;

import android.Manifest;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.graphics.Bitmap;
import android.graphics.Color;
import android.net.Uri;
import android.os.Build;
import android.os.Bundle;
import android.provider.MediaStore;
import android.support.annotation.RequiresApi;
import android.support.v4.app.ActivityCompat;
import android.support.v7.app.AppCompatActivity;

```

```

import android.util.Base64;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.Spinner;
import android.widget.Toast;

import com.android.volley.AuthFailureError;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;

import java.io.ByteArrayOutputStream;
import java.util.ArrayList;
import java.util.Hashtable;
import java.util.List;
import java.util.Map;
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class RegistrationActivity extends AppCompatActivity implements AdapterView.OnItemSelectedListener {

    ImageView UserPic;
    Spinner txtStateR,txtCityR,txtBTypeR;
    EditText txtNameR,txtEmailR,txtMobileR,txtPassR,txtCPassR;
    Button btnCreateR,btnCancelR;

    private Bitmap bitmap;
    private String KEY_IMAGE = "image";
    private String KEY_NAME = "name";
    String UPLOAD_URL="http://textile-design-and-trade.000webhostapp.com/codefile/userregistration.php";
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_registration);
        UserPic=(ImageView)findViewById(R.id.imvRUserPic);
        txtStateR=(Spinner)findViewById(R.id.txtStateR);
        txtCityR=(Spinner)findViewById(R.id.txtCityR);
        txtBTypeR=(Spinner)findViewById(R.id.txtBTypeR);
        txtCityR.setBackgroundColor(Color.rgb( 30,144,255));
        txtStateR.setBackgroundColor(Color.rgb( 30,144,255));
        txtNameR=(EditText)findViewById(R.id.txtNameR) ;
        txtEmailR=(EditText)findViewById(R.id.txtEmailR) ;
        txtMobileR=(EditText)findViewById(R.id.txtMobileR) ;
        // txtStreetR=(EditText)findViewById(R.id.txtStreetR) ;
        txtPassR=(EditText)findViewById(R.id.txtPassR) ;
        txtCPassR=(EditText)findViewById(R.id.txtCPassR) ;

        btnCancelR=(Button)findViewById(R.id.btnCancelR);
        btnCreateR=(Button)findViewById(R.id.btnCreateR);
        btnCancelR.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent=new Intent(getApplicationContext(),LoginActivity.class);
                startActivity(intent);
            }
        });
    }
}

```

```

btnCreateR.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        if (txtNameR.getText().toString().trim().isEmpty())
        {
            Toast.makeText(getApplicationContext(),"Enter Name",Toast.LENGTH_SHORT).show();
            txtNameR.setFocusable(true);
            return;
        }
        else if(txtEmailR.getText().toString().trim().isEmpty()||(isValidEmail(txtEmailR.getText().toString().trim())))
        {
            Toast.makeText(getApplicationContext(),"Enter Proper Email",Toast.LENGTH_SHORT).show();
            txtEmailR.setFocusable(true);
            return;
        }
        else if(txtMobileR.getText().toString().trim().isEmpty()|| txtMobileR.getText().toString().length()<10)
        {
            Toast.makeText(getApplicationContext(),"Enter Proper Mobile No.",Toast.LENGTH_SHORT).show();
            txtMobileR.setFocusable(true);
            return;
        }
        else if(txtPassR.getText().toString().trim().isEmpty()|| txtPassR.getText().toString().length()<6)
        {
            Toast.makeText(getApplicationContext(),"Enter Password Atleast 6 Character.",Toast.LENGTH_SHORT).show();
            txtPassR.setFocusable(true);
            return;
        }
        else if(!txtPassR.getText().toString().trim().equals(txtCPassR.getText().toString().trim()))
        {
            Toast.makeText(getApplicationContext(),"Invalid Comfirm Password.",Toast.LENGTH_SHORT).show();
            txtCPassR.setFocusable(true);
            return;
        }
        else if(bitmap==null)
        {
            Toast.makeText(getApplicationContext(),"Please Upload Image",Toast.LENGTH_SHORT).show();
        }
        else {
            uploadImage();
        }
    }
});

txtStateR.setItemSelectedListener(this);
UserPic.setOnClickListener(new View.OnClickListener() {
    @RequiresApi(api = Build.VERSION_CODES.M)
    @Override
    public void onClick(View v) {
        if(ActivityCompat.checkSelfPermission(getApplicationContext(),
                Manifest.permission.READ_EXTERNAL_STORAGE ) != PackageManager.PERMISSION_GRANTED)
        {
            requestPermissions(
                    new String[]{Manifest.permission.READ_EXTERNAL_STORAGE},
                    2000);
        }
        else {
            startGallery();
        }
    }
});

```

```

public void onCalcel(View view)
{
    Intent intentRegistration=new Intent(getApplicationContext(),HomeActivity.class);
    startActivity(intentRegistration);
}

public void onCreate(View view)
{
}

private void startGallery()
{
    Intent cameraIntent = new Intent(Intent.ACTION_PICK, MediaStore.Images.Media.EXTERNAL_CONTENT_URI);
    cameraIntent.setType("image/*");
    if (cameraIntent.resolveActivity(getApplicationContext()).getPackageManager() != null) {
        startActivityForResult(cameraIntent, 1000);
    }
}
public void onActivityResult(int requestCode, int resultCode, Intent data) {
    //super method removed
    if(resultCode == AppCompatActivity.RESULT_OK) {
        if(requestCode == 1000){
            Uri returnUri = data.getData();
            try {
                bitmap = MediaStore.Images.Media.getBitmap(getApplicationContext().getContentResolver(), returnUri);
                UserPic.setImageBitmap(bitmap);
                UserPic.setVisibility(View.VISIBLE);
                UserPic.setVisibility(View.VISIBLE);
            }catch (Exception e){
                e.printStackTrace();
            }
        }
    }
}
public void onItemSelected(AdapterView<?> adapterView, View view, int i, long l) {
    String sp1= String.valueOf(txtStateR.getSelectedItem());

    if(sp1.contentEquals("GUJARAT")) {
        List<String> list = new ArrayList<String>();
        list.add("AHMEDABAD");
        list.add("BARODA");
        list.add("RAJKOT");
        list.add("SURAT");
        ArrayAdapter<String> dataAdapter = new ArrayAdapter<String>(getApplicationContext(),
            android.R.layout.simple_dropdown_item_1line, list);
        dataAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        dataAdapter.notifyDataSetChanged();
        txtCityR.setAdapter(dataAdapter);
    }
    if(sp1.contentEquals("PUNJAB")) {
        List<String> list = new ArrayList<String>();
        list.add("AMRITSAR");
        list.add("CHANDIGRAH");
        list.add("LUDHIANA");
        list.add("MOHALI");
        ArrayAdapter<String> dataAdapter2 = new ArrayAdapter<String>(getApplicationContext(),
            android.R.layout.simple_spinner_item, list);
        dataAdapter2.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        dataAdapter2.notifyDataSetChanged();
        txtCityR.setAdapter(dataAdapter2);
    }
    if(sp1.contentEquals("RAJASTHAN")) {
        List<String> list = new ArrayList<String>();

```

```

        list.add("AJMER");
        list.add("BIKANER");
        list.add("JAIPUR");
        list.add("UDAIPUR");
        ArrayAdapter<String> dataAdapter3 = new ArrayAdapter<String>(getApplicationContext(),
                android.R.layout.simple_spinner_item, list);
        dataAdapter3.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        dataAdapter3.notifyDataSetChanged();
        txtCityR.setAdapter(dataAdapter3);

    }

    if(sp1.contentEquals("MAHARASHTRA")) {
        List<String> list = new ArrayList<String>();
        list.add("AURANGABAD");
        list.add("MUMBAI");
        list.add("NAGPUR");
        list.add("PUNE");
        ArrayAdapter<String> dataAdapter4 = new ArrayAdapter<String>(getApplicationContext(),
                android.R.layout.simple_spinner_item, list);
        dataAdapter4.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        dataAdapter4.notifyDataSetChanged();
        txtCityR.setAdapter(dataAdapter4);
    }
}

@Override
public void onNothingSelected(AdapterView<?> parent) {

}

private void uploadImage(){
    //Showing the progress dialog
    final ProgressDialog loading = ProgressDialog.show(getApplicationContext(),"Uploading...","Please wait...",false,false);

    StringRequest stringRequest = new StringRequest(Request.Method.POST, UPLOAD_URL,
            new Response.Listener<String>() {
                @Override
                public void onResponse(String s) {
                    //Dismissing the progress dialog
                    // loading.dismiss();

                    if(s.trim().equals("1"))
                    {
                        Toast.makeText(getApplicationContext(),"User Already Exist... ", Toast.LENGTH_LONG).show();
                    }
                    else if(s.trim().equals("2"))
                    {
                        Toast.makeText(getApplicationContext(),"Phone No. Exist... ", Toast.LENGTH_LONG).show();
                    }

                    else if(s.trim().equals("3"))
                    {
                        Intent intent=new Intent(getApplicationContext(),LoginActivity.class);
                        startActivity(intent);
                        Toast.makeText(getApplicationContext(),"Create New User", Toast.LENGTH_LONG).show();
                    }
                    else if(s.trim().equals("0"))
                    {
                        Toast.makeText(getApplicationContext(),"User Create Fail...", Toast.LENGTH_LONG).show();
                    }
                }
            });
}

}

```

```

        //Showing toast message of the response
    },
    new Response.ErrorListener() {
        @Override
        public void onErrorResponse(VolleyError volleyError) {
            //Dismissing the progress dialog
            //loading.dismiss();

            //Showing toast
            Toast.makeText(getApplicationContext(), volleyError.getMessage().toString(), Toast.LENGTH_LONG).show();
        }
    });
}

@Override
protected Map<String, String> getParams() throws AuthFailureError {
    //Converting Bitmap to String
    String image = getStringImage(bitmap);

    //Getting Image Name

    //Creating parameters
    Map<String, String> params = new Hashtable<String, String>();

    //Adding parameters
    // txtNameR,txtEmailR,txtMobileR,txtStreatR,txtPassR
    params.put("pic", image);

    params.put("name", txtNameR.getText().toString());
    params.put("email", txtEmailR.getText().toString());
    params.put("mobile", txtMobileR.getText().toString());
    params.put("pass", txtPassR.getText().toString());

    // txtStateR,txtCityR,txtBTypeR
    params.put("state", txtStateR.getSelectedItem().toString());
    params.put("city", txtCityR.getSelectedItem().toString());
    params.put("btype", txtBTypeR.getSelectedItem().toString());
    //returning parameters
    return params;
}
};

//Creating a Request Queue
RequestQueue requestQueue = Volley.newRequestQueue(getApplicationContext());
//Adding request to the queue
requestQueue.add(stringRequest);
}

public String getStringImage(Bitmap bmp){
    ByteArrayOutputStream baos = new ByteArrayOutputStream();
    bmp.compress(Bitmap.CompressFormat.JPEG, 100, baos);
    byte[] imageBytes = baos.toByteArray();
    String encodedImage = Base64.encodeToString(imageBytes, Base64.DEFAULT);
    return encodedImage;
}

public boolean isValidEmail(String email) {
    Pattern emailPattern = Pattern.compile("[a-zA-Z0-9._-]+@[a-z]+\.[a-z]+");
    Matcher m = emailPattern.matcher(email); return !m.matches();
}
}

```

subpattern.java

```

package com.example.moriyuvraj.textiledesignandtrade;

import android.os.AsyncTask;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.support.v7.widget.LinearLayoutManager;
import android.support.v7.widget.RecyclerView;
import android.util.Log;
import android.widget.Toast;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;
import java.util.ArrayList;
import java.util.List;

public class SubPattern extends AppCompatActivity {
    private static int cid;
    List<SubProduct> productList;
    RecyclerView recyclerView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_sub_pattern);

        cid=Integer.parseInt(String.valueOf( getIntent().getExtras().get("cid")));
        recyclerView = (RecyclerView) findViewById(R.id.recyclerViewsubproduct);
        recyclerView.setHasFixedSize(true);
        recyclerView.setLayoutManager(new LinearLayoutManager(this));

        productList = new ArrayList<>();

        try {
            SubPattern.ServerResponse getJSON = new SubPattern.ServerResponse();
            getJSON.execute();
        } catch (Exception ex) {
            Toast.makeText(this, ex.toString(), Toast.LENGTH_LONG).show();
        }
    }

    class ServerResponse extends AsyncTask<Void, Void, String> {
        private static final String SERVER_PATH = "http://textile-design-and-trade.000webhostapp.com/codefile/";

        @Override
        protected String doInBackground(Void... voids) {
            StringBuilder sb = new StringBuilder();
            try {
                URL url = new URL(SERVER_PATH + "getpattern.php?cid=" + String.valueOf(SubPattern.cid));
                HttpURLConnection con = (HttpURLConnection) url.openConnection();
                BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(con.getInputStream()));
                String json;
                while ((json = bufferedReader.readLine()) != null) {
                    sb.append(json + "\n");
                }
            } catch (Exception e) {
            }
        }
    }
}

```

```
        }
        return sb.toString().trim();
    } catch (Exception e) {
        Toast.makeText(SubPattern.this, e.toString(), Toast.LENGTH_LONG).show();
        Log.e("ex:", e.toString());
        return sb.toString();
    }
}

@Override
protected void onPostExecute() {
    super.onPostExecute();
}

protected void onPostExecute(String jdata) {
    super.onPostExecute(jdata);
    try {
        int id;
        double price=0,disc=0;
        String img;
        JSONArray jsonArray = new JSONArray(jdata);
        for (int i = 0; i < jsonArray.length(); i++) {
            JSONObject obj = jsonArray.getJSONObject(i);
            id = Integer.parseInt(obj.getString("id"));
            img = obj.getString("image");
            price=Double.parseDouble(obj.getString("price"));
            disc=Double.parseDouble(obj.getString("discount"));
            productList.add((new SubProduct(id,id,price,disc)));
        }
        SubProductAdapter adapter = new SubProductAdapter(SubPattern.this, productList);

        recyclerView.setAdapter(adapter);
    } catch (JSONException e) {
        Toast.makeText(SubPattern.this, e.toString(), Toast.LENGTH_LONG).show();
    }
}
```

subproduct.java

```
package com.example.moriyuvraj.textiledesignandtrade;
```

```
/***
 * Created by Mori Yuvraj on 14-09-2018.
 */
public class SubProduct {
    private int ID;
    private int Img;
    private double Price;
    private double Discount;
    private double RPrice;

    public SubProduct(int id, int img, double price, double discount) {
        this.setID(id);
        this.setPrice(price);
        this.setDiscount(discount);
        this.setImg(img);
        RPrice=Price-Price*Discount/100;
    }
}
```

```

public int getID() {
    return ID;
}

public void setID(int ID) {
    this.ID = ID;
}

public int getImg() {
    return Img;
}

public void setImg(int img) {
    Img = img;
}

public double getPrice() {
    return Price;
}

public void setPrice(double price) {
    Price = price;
}

public double getDiscount() {
    return Discount;
}

public void setDiscount(double discount) {
    Discount = discount;
}

public double getRPrice() {
    return RPrice;
}
}

```

SubProductAdapter.java

```

package com.example.moriyuvraj.textiledesignandtrade;
import android.content.Context;
import android.content.Intent;
import android.support.v7.widget.RecyclerView;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;

import com.bumptech.glide.Glide;

import java.util.List;
public class SubProductAdapter extends RecyclerView.Adapter<SubProductAdapter.ProductViewHolder> {

    private static final String SERVER_PATH="http://textile-design-and-trade.000webhostapp.com/patternpic/";

    private Context mCtx;

    private List<SubProduct> productList;

```

```

public SubProductAdapter(Context mCtx, List<SubProduct> productList) {
    this.mCtx = mCtx;
    this.productList = productList;
}

@Override
public ProductViewHolder onCreateViewHolder(ViewGroup parent, int viewType) {

    LayoutInflator inflater = LayoutInflater.from(mCtx);
    View view = inflater.inflate(R.layout.layout_subproduct, null);
    return new ProductViewHolder(view);
}

@Override
public void onBindViewHolder(ProductViewHolder holder, int position) {
    SubProduct product = productList.get(position);

    // new
    DownloadImageTaskPattern(holder.imImage).execute(SERVER_PATH+String.valueOf(String.valueOf(product.getID())+".png"));
    //holder.imImage.setImageDrawable(null);
    Glide.with(mCtx)
        .load(SERVER_PATH+String.valueOf(String.valueOf(product.getID())+".png"))
        .into(holder.imImage);
    holder.tvPrice.setText("Price "+ String.valueOf(product.getPrice())+" Rs.");
    holder.tvRPrice.setText("With Disc. "+String.valueOf(product.getRPrice())+" Rs.");
    holder.tvID.setText("Pattern No."+String.valueOf(product.getID()));
    holder.tvID.setTag(String.valueOf(product.getID()));
    holder.tvDisc.setText("Discount "+String.valueOf(product.getDiscount())+" %");

    if (product.getDiscount()<=0)
    {
        holder.tvRPrice.setVisibility(View.INVISIBLE);
        holder.tvDisc.setVisibility(View.INVISIBLE);
    }
}

@Override
public int getItemCount() {
    return productList.size();
}

class ProductViewHolder extends RecyclerView.ViewHolder {

    TextView tvPrice, tvRPrice, tvID, tvDisc;
    ImageView imImage;

    public ProductViewHolder(View itemView) {
        super(itemView);

        tvID = (TextView) itemView.findViewById(R.id.tvSID);
        tvPrice = (TextView) itemView.findViewById(R.id.tvSPrice);
        tvDisc = (TextView) itemView.findViewById(R.id.tvSDisc);
        tvRPrice = (TextView) itemView.findViewById(R.id.tvSRPrice);
        imImage = (ImageView) itemView.findViewById(R.id.ivSImage);
        itemView.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

```

```

        Intent intent=new Intent(mCtx.getApplicationContext(),PatternView.class);
        intent.putExtra("pid",tvID.getTag().toString());
        mCtx.startActivity(intent);
        Toast.makeText(mCtx, String.valueOf(tvID.getText().toString()), Toast.LENGTH_LONG).show();
    }
}
/*
class DownloadImageTaskPattern extends AsyncTask<String, Void, Bitmap>
{
    ImageView bmImage;
    public DownloadImageTaskPattern(ImageView bmImage) {
        this.bmImage = bmImage;
    }

    protected Bitmap doInBackground(String... urls)
    {
        String urldisplay = urls[0];
        Bitmap bmp = null;
        try
        {
            InputStream in = new java.net.URL(urldisplay).openStream();
            bmp = BitmapFactory.decodeStream(in);
        }
        catch (Exception e)
        {
            Log.e("Error", e.getMessage());
            e.printStackTrace();
        }
        return bmp;
    }
}

```

UploadedPattern.java

```

package com.example.moriyuvraj.textiledesignandtrade;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.support.v7.widget.LinearLayoutManager;
import android.support.v7.widget.RecyclerView;

import java.util.ArrayList;
import java.util.List;

public class UploadedPattern extends AppCompatActivity {
    List<SubProduct> productList;
    //the recyclerview
    RecyclerView recyclerView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_uploaded_pattern);
        recyclerView = (RecyclerView) findViewById(R.id.recyclerViewuploadedpattern);
        recyclerView.setHasFixedSize(true);
        recyclerView.setLayoutManager(new LinearLayoutManager(this));

        //initializing the productlist
        productList = new ArrayList<>();

        //adding some items to our list
    }
}

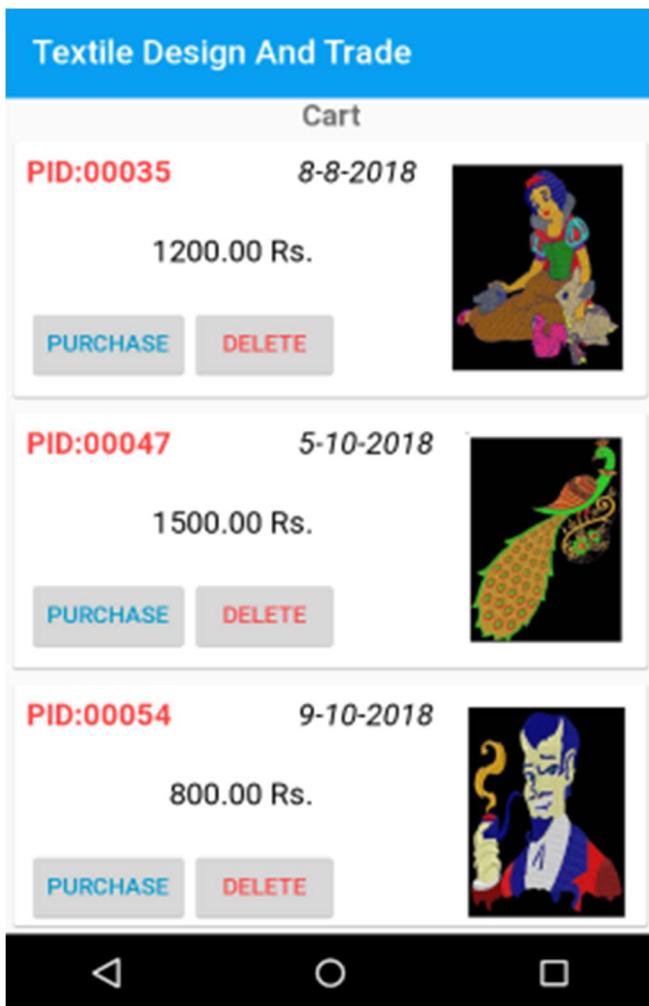
```

```
        productList.add(new SubProduct(1,R.drawable.m1,500.00F,0F));  
  
        productList.add(new SubProduct(8,R.drawable.m8,500.00F,0));  
        productList.add(new SubProduct(17,R.drawable.m17,500.00F,0));  
        productList.add(new SubProduct(10,R.drawable.m10,500.00F,0));  
        productList.add(new SubProduct(11,R.drawable.m11,500.00F,0));  
        productList.add(new SubProduct(12,R.drawable.m12,500.00F,0));  
  
        productList.add(new SubProduct(15,R.drawable.m15,500.00F,0));  
  
        productList.add(new SubProduct(6,R.drawable.m6,500.00F,4));  
        productList.add(new SubProduct(2,R.drawable.m2,500.00F,00F));  
        productList.add(new SubProduct(3,R.drawable.m3,500.00F,5.00F));  
  
        productList.add(new SubProduct(7,R.drawable.m7,500.00F,0));  
        productList.add(new SubProduct(16,R.drawable.m16,500.00F,4));  
  
        productList.add(new SubProduct(18,R.drawable.m18,500.00F,25));  
        productList.add(new SubProduct(9,R.drawable.m9,500.00F,2));  
        productList.add(new SubProduct(13,R.drawable.m13,500.00F,0));  
        productList.add(new SubProduct(14,R.drawable.m14,500.00F,5));  
        productList.add(new SubProduct(4,R.drawable.m4,500.00F,00F));  
        productList.add(new SubProduct(5,R.drawable.m5,500.00F,00F));  
        SubProductAdapter adapter = new SubProductAdapter(this, productList);  
  
    }  
}
```

7.3. Report

In That we have to select the pattern and upload the related information like price, discount and about the stitch.

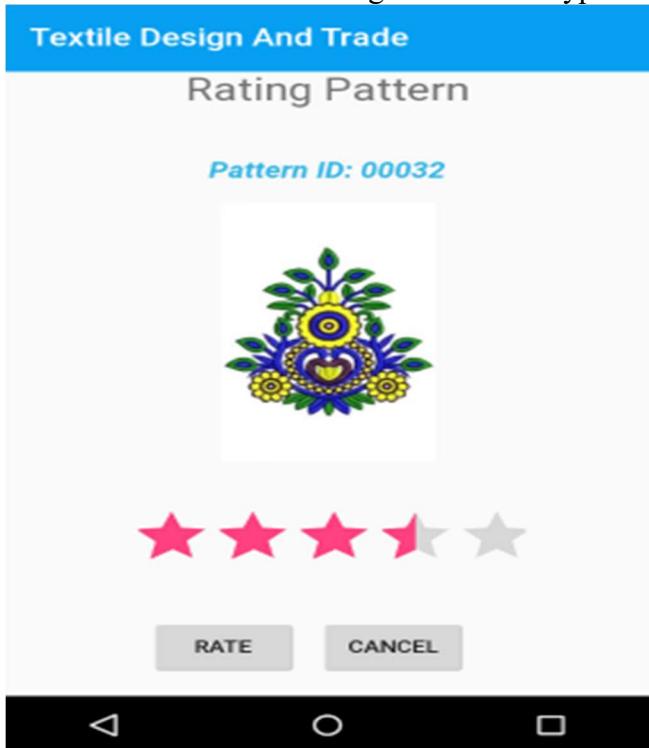
When User Wants to show then this type of design report is generated.



When History is shown then this type of Report Is generated.

Textile Design And Trade			
Pattern Buy History			
TID:00001	PID:00001		
5-5-2018	1000.00 Rs.		
TID:00025	PID:00035		
25-2-2018	5000.00 Rs.		
TID:00045	PID:00055		
15-7-2018	4500.00 Rs.		
TID:000378	PID:00089		
12-9-2018	8000.00 Rs.		
TID:000744	PID:00045		
18-6-2018	7500.00 Rs.		

When User Gives The Ratings Then This Type of design is generated



7.4 Testing

7.4.1 Test Strategy

Black Box Testing:- Black-box testing is a method of software testing that examines the functionality of an application based on the specifications. It is also known as Specifications based testing. Independent Testing Team usually performs this type of testing during the software testing life cycle.

Black-box testing is a method of software testing that examines the functionality of an application without peering into its internal structures or workings. This method of test can be applied virtually to every level of software

testing: unit, integration, system and acceptance. It is sometimes referred to as specification-based testing

White Box Testing: - White Box testing is a way of testing the external functionality of the code by examining and testing this Application code, that realize the external functionality. White Box testing takes into account the programmer's code, code structure and the internal design flow, a number defects came about because of incorrect transaction of requirement and design into program code, some other defects are created by programming language.

Static Testing is performed without executing this Application. This requires testing techniques that simulate the dynamic environment in order to ascertain that the systems will function properly when they undergo dynamic tests. For example in this application we have to just run and check the system without check the code.

Desk Checking: - This checking is normally done by the author of the code and verify this Application for correctness. This can be done by comparing code with the design or the specification to make sure that what is suppose to do.

Code Walkthrough: - It's a technique to check your code, code walkthrough is informal technique for analysis, it's taken after coding module completed.

Code Inspection: - In code inspection is for the executing code in detail and executing code line by line.

Code Testing: - The code testing strategy examines the logic of the program. To follow this testing in our Application, we have to develop test case that result in executing every instruction in the program; that is every path through the program is tested. A path is a specific combination of condition that is handling by the program like this Application we have to enter time according to given time format. On the surface, code testing seems to be an ideal method for testing software.

Behavioural Testing Techniques:

There are different techniques involved in Black Box testing.

- Equivalence Class
- Boundary Value Analysis
- Domain Tests
- Orthogonal Arrays
- Decision Tables
- State Models
- Exploratory Testing
- All-pairs testing

7.4.2 Test Case

Test Case 1: Registration

Input	Enter all the fields provided in the page. Password cannot exceed 20 characters.
Result	Get the username and password. Message if user leaves any of the required fields blank.
Condition	User must enter valid information to register successful.

Test Case 2: Login

Input	Enter valid username. Enter valid password.
Result	Display error message if user enter incorrect username or password. Display appropriate screen to registered user.
Condition	You must enter valid user name or password to login

Test Case 3: Pattern Uploading

Input	Select the proper image pattern from library.
Result	Display error message if user has not selected any image from the library. Display appropriate screen to registered user.
Condition	You must select proper image for pattern uploading.

7.4.3. Test data and results

1. Registration

Test Case Id	Test Inputs	Expected Output	Actual Output	Pass/fail
T1	Null,abc@gmail.com,9714216517,vavdi road,Ahmedabad,Gujarat,buyer,meet123,meet123	Username Is required	Username Is required	fail
T2	Abc,abc@gmail.com,9714216517,vavdi road,Ahmedabad,Gujarat,buyer,meet123,meet123	Proper Email Is Required	Proper Email Is Required	fail
T3	Abc,abc@gmail.com,971421,vavdi road,Ahmedabad,Gujarat,buyer,meet123,meet123	Proper mobile no Is Required	Proper mobile no Is Required	fail
T4	Abc,abc@gmail.com,9714216517,vavdi road,NULL,Gujarat,buyer,meet123,meet123	City cannot be blank	City cannot be blank	fail
T5	Abc,abc@gmail.com,9714216517,vavdi road,Ahmedabad,NULL,buyer,meet123,meet123	state cannot be blank	state cannot be blank	fail
T6	Abc,abc@gmail.com,9714216517,vavdi road,Ahmedabad,Gujarat,NULL,meet123,meet123	usertype cannot be blank	usertype cannot be blank	fail
T7	Null,abc@gmail.com,9714216517,vavdi road,Ahmedabad,Gujarat,buyer,meet123,meet123	User Successfully Registered	User Successfully Registered	pass

2. Login

Test Case Id	Test Inputs	Expected Output	Actual Output	Pass/fail
T1	Username=admin Password=admin123	Successfully Login	Successfully Login	pass
T2	Username=admin Password=admin12314522	Does not match	Does not match	fail

3. Pattern Uploading

Test Case Id	Test Inputs	Expected Output	Actual Output	Pass/fail
T1	Price=1000 Discount =5% Image=[Select Image]	Successfully Uploaded	Successfully Uploaded	pass
T2	Price=vhvfhvj Discount =5% Image=[Select Image]	Price Must Be In Number	Does not match	fail
T3	Price=10000 Discount =5% Image=Null	Image must be selected	Image must be selected	fail
T4	Price=1000 Discount =mmm Image=[Select Image]	Dis Must Be In Number	Dis Must Be In Number	

8 User Manual

You may find below a quick overview and brief information about the application activity in the Happy home services and functionality on it.

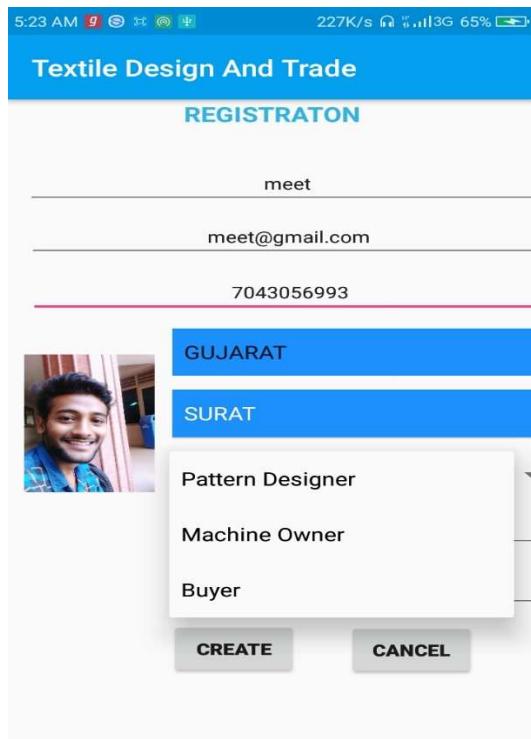
Pattern Designer Side

- **Pattern Designer Registration Form :** Here Pattern Designer have to register their self for the designing and uploading the pattern designs.
- **Profile Page:** Pattern Designer Can Set his profile and cover photo for own profile.
- **Change password :** Here pattern designer can change the password.
- **Update profile :** pattern designer can modify own profile.
- **Buyer order :** Pattern Designer can see the design order which is coming from client.
- **Buyer order detail :** pattern designer can see the design order detail filled by client.
- **Add Design :** Pattern Designer can add subservice for main service.
- **Update Design :** Pattern Designer can update subservice for main service.
- **Delete Design :** Pattern Designer can delete subservice for main service.
- **Show Design :** Pattern Designer can show subservice for main service.

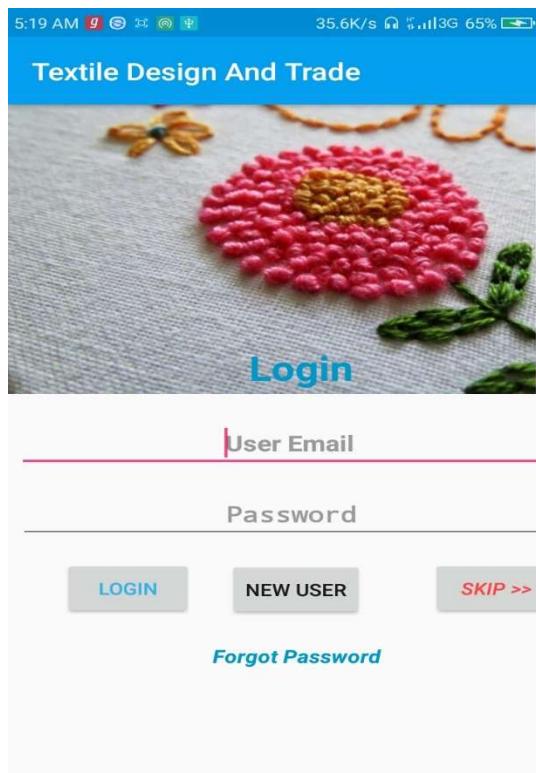
Buyer Side

- **Pattern Designer Registration Form :** Here Buyer have to register their self for the designing and uploading the pattern designs.
- **Profile Page:** Buyer Can Set his profile and cover photo for own profile.
- **Change password :** Buyer can change the password.
- **Update profile :** Buyer can modify own profile.
- **Purchase Design :** Buyer Can Buy The Multiple Designs from the System.
- **Show Design :** Buyer can show subservice for main service.

First User Have To Register as pattern designer or machine-owner or as a buyer.

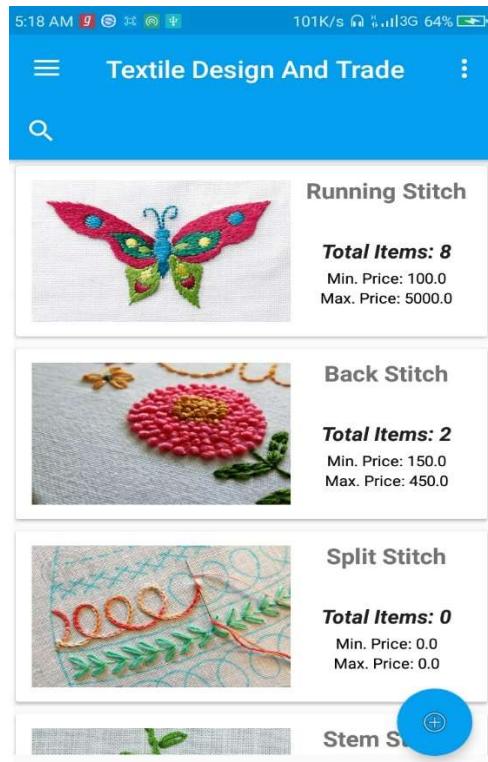


After Registering user have to login into the system

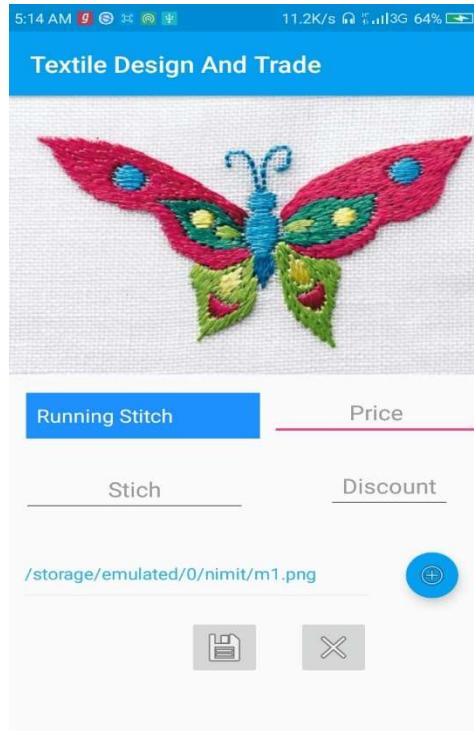


When User Logged into the system then usually pattern designer design the patterns buyer can buy the patterns.

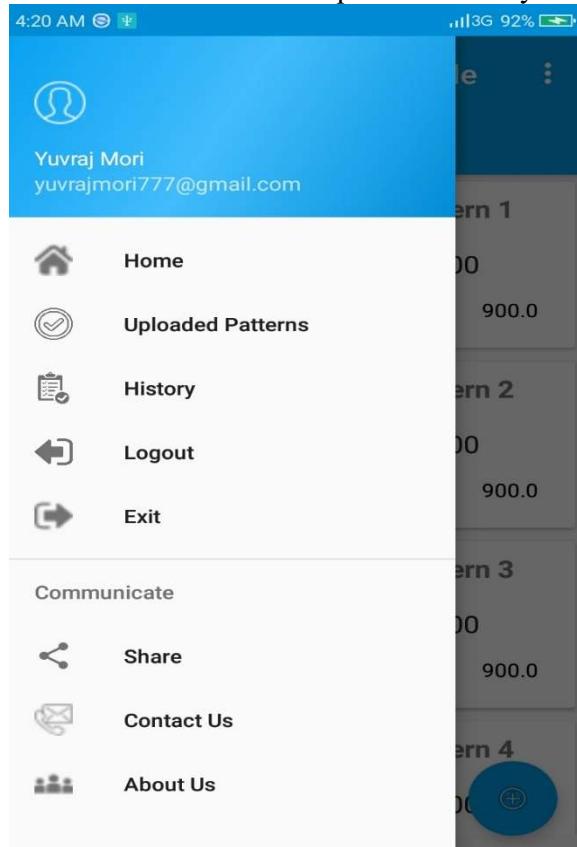
For Uploading Patterns user have to click on the bottom side on the right button.



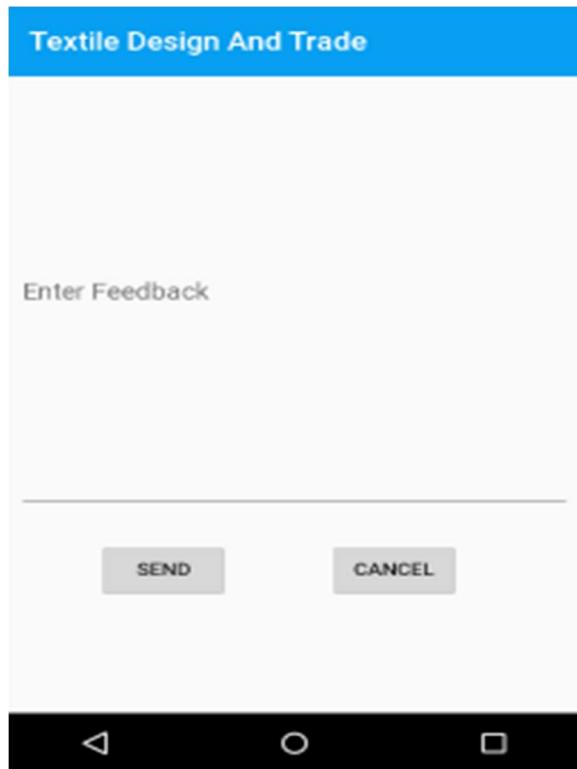
When user clicks then this view is shown



If User Wants to show the previous history or wants to give the feedback then



If Feedback Then



If History Then

Textile Design And Trade		
Pattern Buy History		
TID:00001	PID:00001	
5-5-2018	1000.00 Rs.	
TID:00025	PID:00035	
25-2-2018	5000.00 Rs.	
TID:00045	PID:00055	
15-7-2018	4500.00 Rs.	
TID:000378	PID:00089	
12-9-2018	8000.00 Rs.	
TID:000744	PID:00045	
18-6-2018	7500.00 Rs.	



9 Future Enhancement

Look for more user-generated video on pattern designer sites. Designers are letting customers upload video clips modeling new patterns or using a new purchase. We believe this is one trend that will definitely pick up speed.

Nowadays this is limited to our state Gujarat but in future we want expand in national level as well as international level.

Textile Design and Trade Application is designed for several textile business purposes which would be handled by an admin. In future, it is assumed that it would be used worldwide in every city of the world. Other than that, the system developed is focused more on the user's side. In future aspects, it is assumed that admin role is also enhanced.

In The Future we put more focus on the automatic process using the artificial intelligence.

10. Bibliography

During the development of our system, we have taken the reference from various books and journals, which we would like to mention in this section.

Book

“Professional Android 4 Application Development” by Reto Meier

Websites

<https://www.developer.android.com/index.html>

<https://material.io/>

<https://thenewboston.com>