

MAD Project Evaluation 1 – Regular Intake 2020

Group Name:			Group ID:		Batch:			
Student ID	Student Name	Consistency (Out of 2)	Appropriateness and Professionalism (Out of 3)	Usage of resource manager (Out of 4)	Out of box design ideas (Out of 3)	Report (Out of 8)	Total (Out of 20)	Comments
IT19057248	G.L.I.R. Liyanage							
IT19094328	Vidarshana K.L.G.T							
IT19114422	Dissanayaka G.E.M							
IT19171302	T.V. Thimira Isiwara Vithanage							

Git Repository Link:

IT19094328 - <https://github.com/GayathriVidarshana/MAD-Project>

-----For Evaluators use only-----

Evaluator's name:

Others:

Introduction

Mobile application for online phone shop.

Electro is a mobile application which we are going to introduce to the mobile shops. As the current situation in the world and also everyone is almost getting used to this online buying and selling system we have decided to make an online mobile device shop so that people can use the app to order mobile accessories to their door step.

This application can be used by every person who has an android device. When design this application we have 4 main components. Those are,

- Admin management
- User management
- Order management
- Payment management

In admin management component employee login can be done. And, admin can add/ delete/ update all the items, employees and item information to the application, search for the item with item code, and search for the user with user name can be done through this.

User management is to manage user login and to manage user registration. User can look into their order history list, favorites, notifications about orders, discounts and view their profile information.

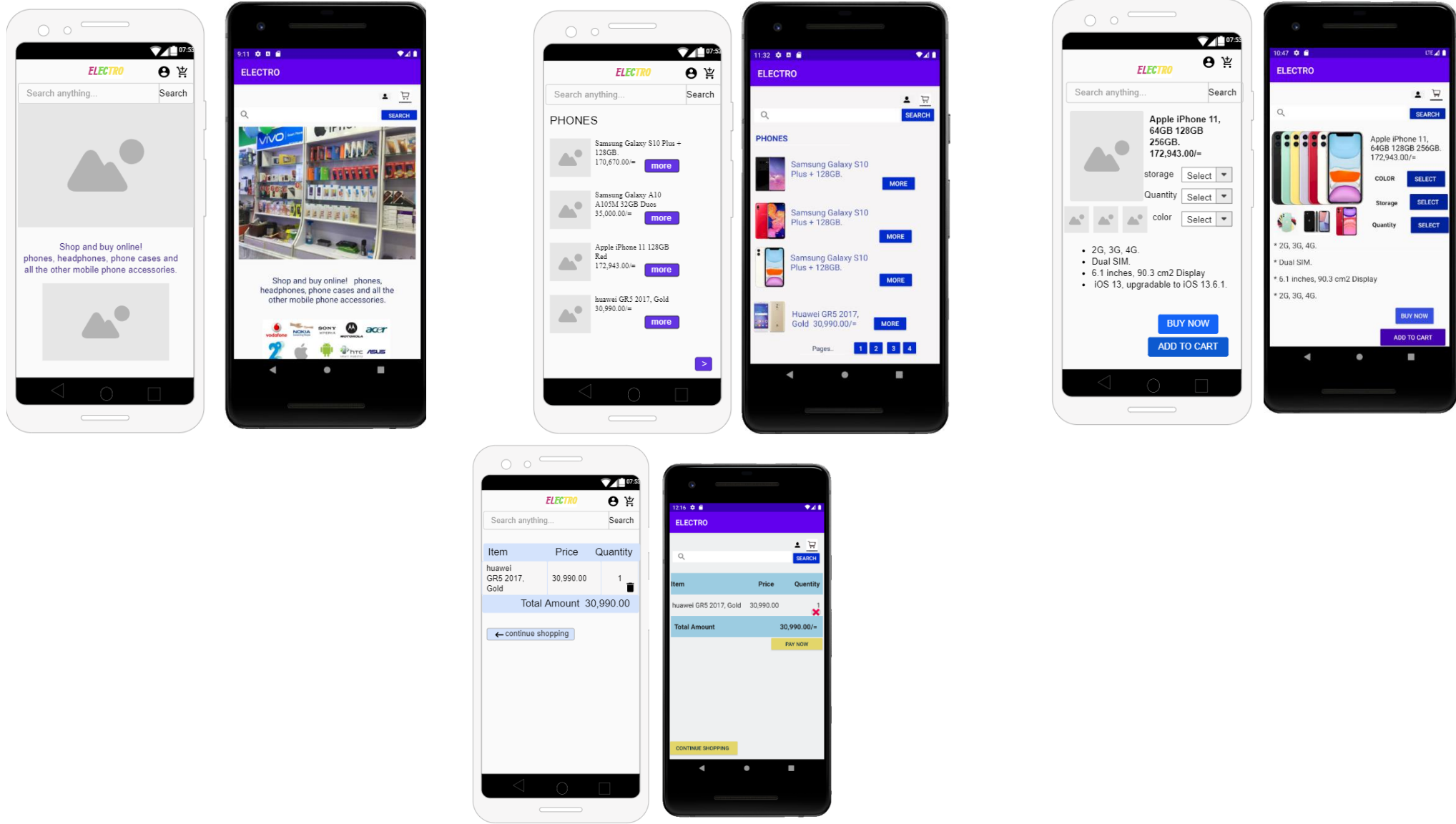
Order management component includes managing the customer view of order list, and separate information on each item, managing customer cart information, calculating the total price in cart items.

Payment management includes calculating the total amount including delivery charges, getting customer delivery information. And at last all the payment details and order details will be shown here.

We have designed this application clearer and simple for customer to use. Customers should get registered to make order. But anyone can view item available in the shop by installing our application. We have a cart which customer can store items which they wish to buy later this will be an advantage for the customer so that they can store the items without searching them again and again.

Customers and the shop owners will be benefited by using this application.

IT19057248 – PRUDUCT AND ORDER MANAGEMENT SYSTEM



Usage of resource files:

```
<color name="colorPrimary">#6200EE</color>
<color name="colorPrimaryDark">#3700B3</color>
<color name="colorAccent">#03DAC5</color>

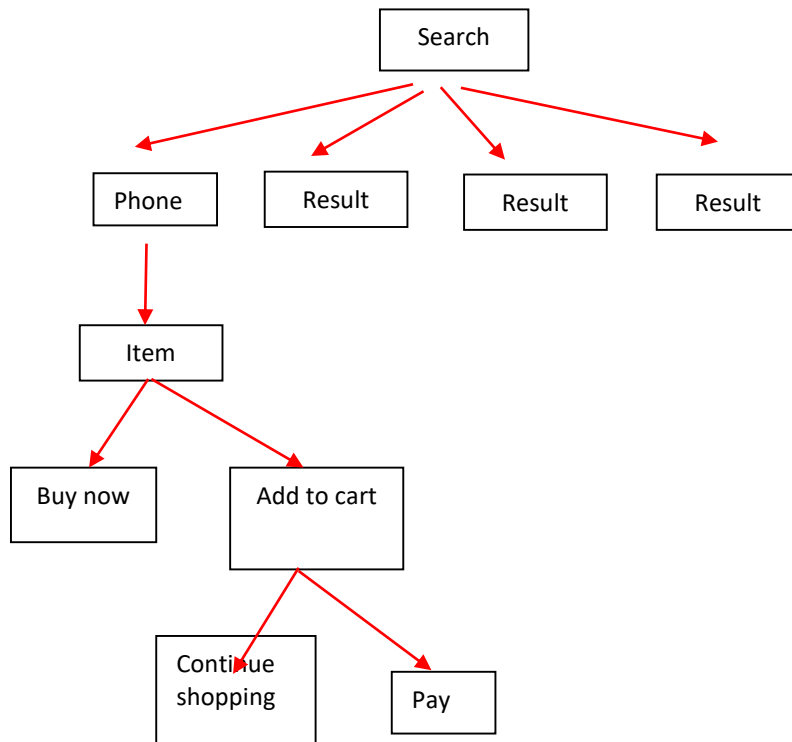
<string name="log">log</string>
<string name="cart">cart</string>
<string name="image1">image1</string>
<string name="text1">Shop and buy online! /nphones, headphones, phone cases and all the other mobile phone accessories</string>
<string name="image2">image2</string>
<string name="btnmore1">More</string>
<string name="btnmore2">More</string>
<string name="btnmore3">More</string>
<string name="btnmore4">More</string>
<string name="btn1">1</string>
<string name="btn2">2</string>
<string name="btn3">3</string>
<string name="btn4">4</string>
<string name="btnBuy">BUY NOW</string>
<string name="btnAdd">>ADD TO CART</string>
<string name="btnPay">PAY NOW</string>
<string name="btnShop">CONTINUE SHOPPING</string>
<string name="btnsearch">Search</string>
TextView ButtonSearch= findViewById(R.id.btnsearch);
ButtonSearch.setText(R.string.Buttonsearch);

Button button =(Button) findViewById(R.id.btnsearch);
button.setOnClickListener(new View.OnClickListener()
{
    @Override
    public void onClick(View view){
        openPhone();
    }
});
public void openPhone()
{Intent intent = new Intent(packageContent this, Phone.class);
startActivity(intent);}
<string name="add_to_cart">Add to Cart</string>
<string name="buy_now">Buy Now</string>
```

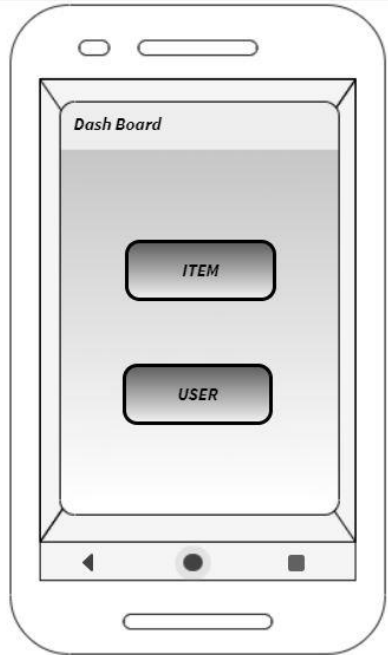
```
<item name="colorPrimary">@color/colorPrimary</item>
<item name="colorPrimaryDark">@color/colorPrimaryDark</item>
<item name="colorAccent">@color/colorAccent</item>
```

CRUD operations and the entire functionality of the component:

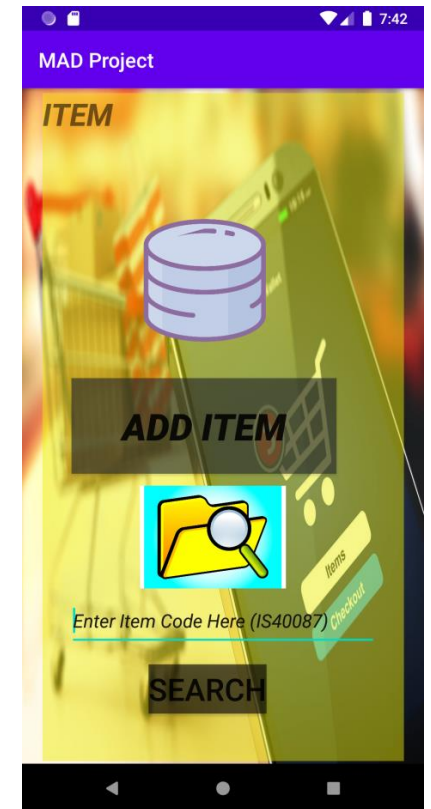
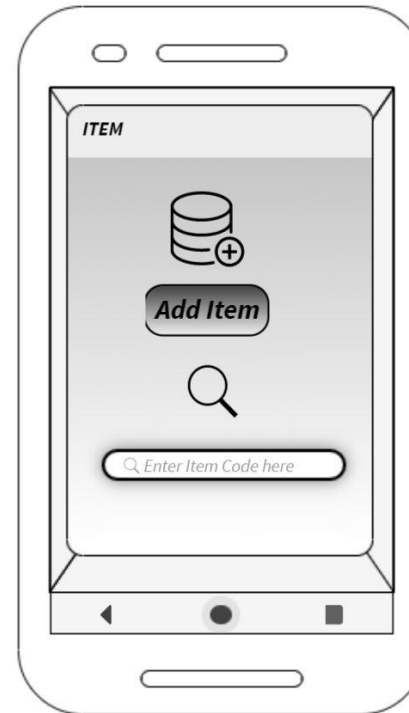
- ❖ In my component I have,
 - Add to cart (creating the list of items that customer wants, that will be in the cart)
 - More (customer can read more details about the item)
 - Continue shopping (customer can update, which mean add more items to their cart after checking what do they have in their cart)
 - Delete sign (by clicking this sign customer can delete their order.)
- ❖ Customer can search for the items they want. Then the app will show what are the available items they have in their shop. If customer wants to by one of that items, he/she should click on the more button and it will show you mere details about the item and the selections of the same item you can choose. After that customer can buy it or add it to the cart. Cart will be showing the list of items customer has selected to by their prices, the quantity, and the total amount. There are to options, customer can buy those items, or they can shop for more items.



IT19094328 – Admin management system



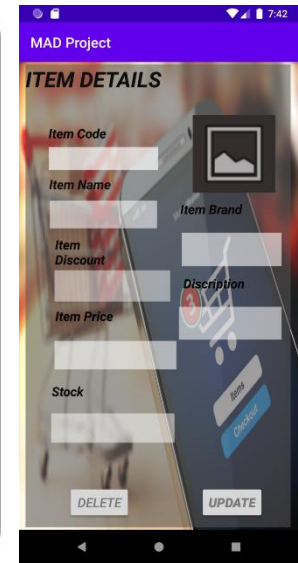
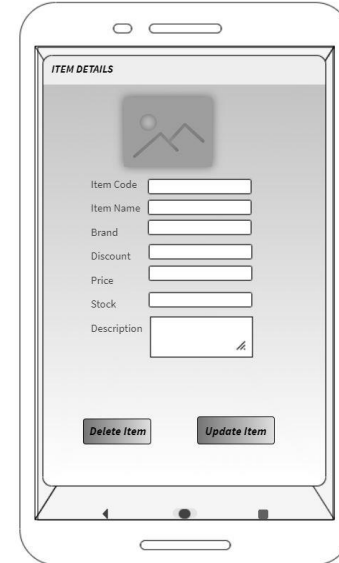
```
<resources>
  <string name="app_name">MAD Project</string>
  <string name="txtview">DASH BOARD</string>
  <string name="ButtonItem">ITEM</string>
  <string name="ButtonUser">USER</string>
```



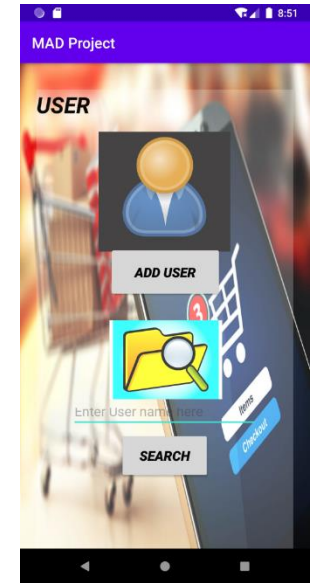
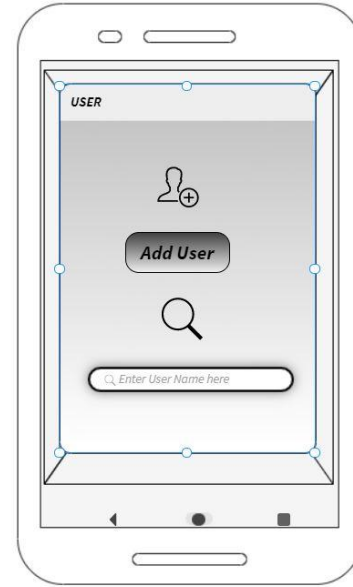
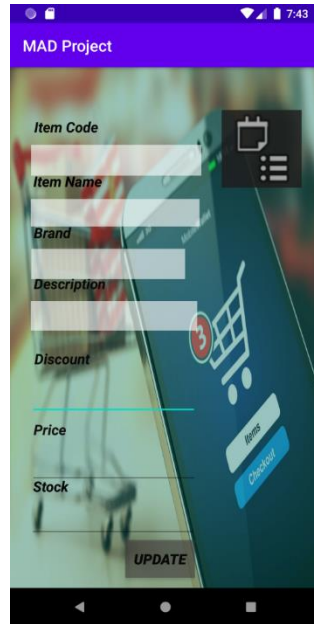
```
<string name="txtviewItem">ITEM</string>
<string name="btnAddItem">ADD ITEM</string>
<string name="SearchItem">Enter Item Code Here (IS40087)</string>
<string name="ButtonSearch">Search</string>
```



```
<string name="AddItem">ADD ITEM</string>
<string name="ImgButtonAdd">Add Image</string>
<string name="Itemcode">Item Code</string>
<string name="Inputcode">eg:IS40087</string>
<string name="ItemName">Brand Name</string>
<string name="InputName">eg:Iphone</string>
<string name="ItemModel">Item Model</string>
<string name="InputModel">eg:iphone6s</string>
<string name="ItemDiscount">Discount</string>
<string name="InputDiscount">Input Item Discount here</string>
<string name="ItemPrice">Price</string>
<string name="InputPrice">Input item price here(Rs 19000.00)</string>
<string name="ItemDiscription">Description</string>
<string name="InputDescription">Enter description here</string>
<string name="ItemStock">Stock</string>
<string name="InputStock">eg:100</string>
<string name="SaveNewItem">Save</string>
```

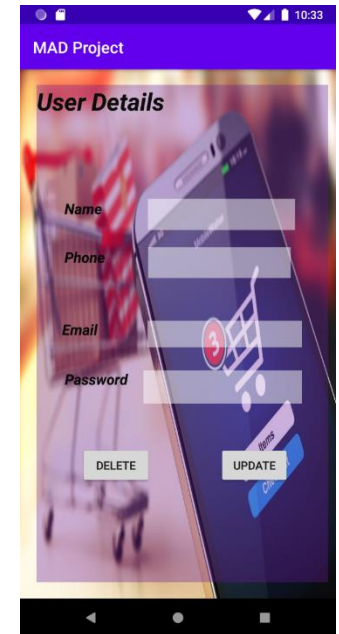
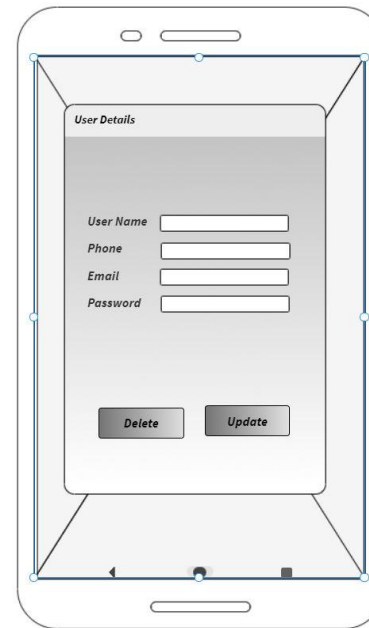
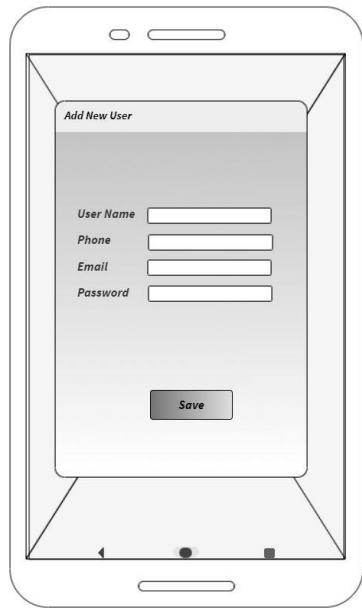


```
<string name="DesplayItem">ITEM DETAILS</string>
<string name="DesplayCode">Item Code</string>
<string name="DataCode"> </string>
<string name="DesplayName">Item Name</string>
<string name="DataName"> </string>
<string name="DesplayBrand">Item Brand</string>
<string name="DataBrand"> </string>
<string name="DesplayDiscount">Item Discount</string>
<string name="DataDiscount"> </string>
<string name="DesplayPrice">Item Price</string>
<string name="DataPrice"> </string>
<string name="DesplayStock">Stock</string>
<string name="DataStock"> </string>
<string name="Desplaydiscription"> Discription</string>
<string name="dataDiscription"> </string>
<string name="buttonDelete">Delete</string>
<string name="buttonUpdate">Update</string>
```

```
<string name="TxtUpdate">Update Item Details</string>
<string name="DIcode">Item Code</string>
<string name="DDCode"> </string>
<string name="DIName">Item Name</string>
<string name="DDName"> </string>
<string name="DIBrand">Brand</string>
<string name="DDBrand"> </string>
<string name="DIDiscription">Description</string>
<string name="DDDIscription"> </string>
<string name="UpDiscount">Discount</string>
<string name="UpdDiscount"> </string>
<string name="upPrice">Price</string>
<string name="updPrice"></string>
<string name="upStock">Stock</string>
<string name="updstock"></string>
<string name="ButtonUpdate">Update</string>
```

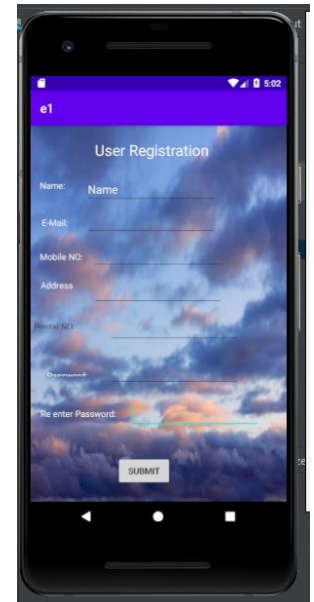
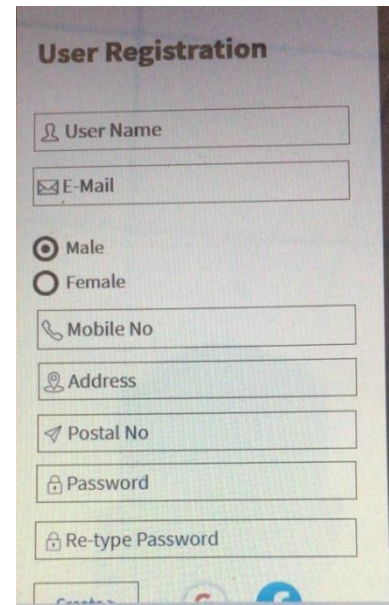
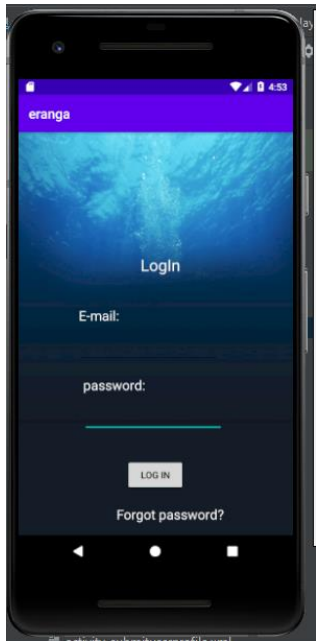
```
<string name="TxtVUsre">USER</string>
<string name="SearchUsre">Enter User name here</string>
<string name="AddUser">Add User</string>
<string name="btnSearch">Search</string>
```

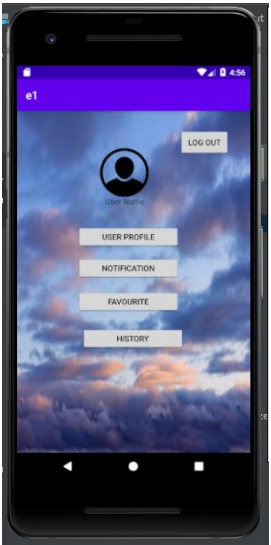



```
<string name="UserDetails">User Details</string>
<string name="UName">Name</string>
<string name="UserDsplynmae"></string>
<string name="Uphone">Phone</string>
<string name="Udsplyphone"></string>
<string name="Uemail">Email</string>
<string name="UsrdsplyEmail"></string>
<string name="Uswrd">Password</string>
<string name="usrdsplyPswrd"></string>
<string name="btnuserDelete">Delete</string>
<string name="btnuserUpdate">Update</string>
```

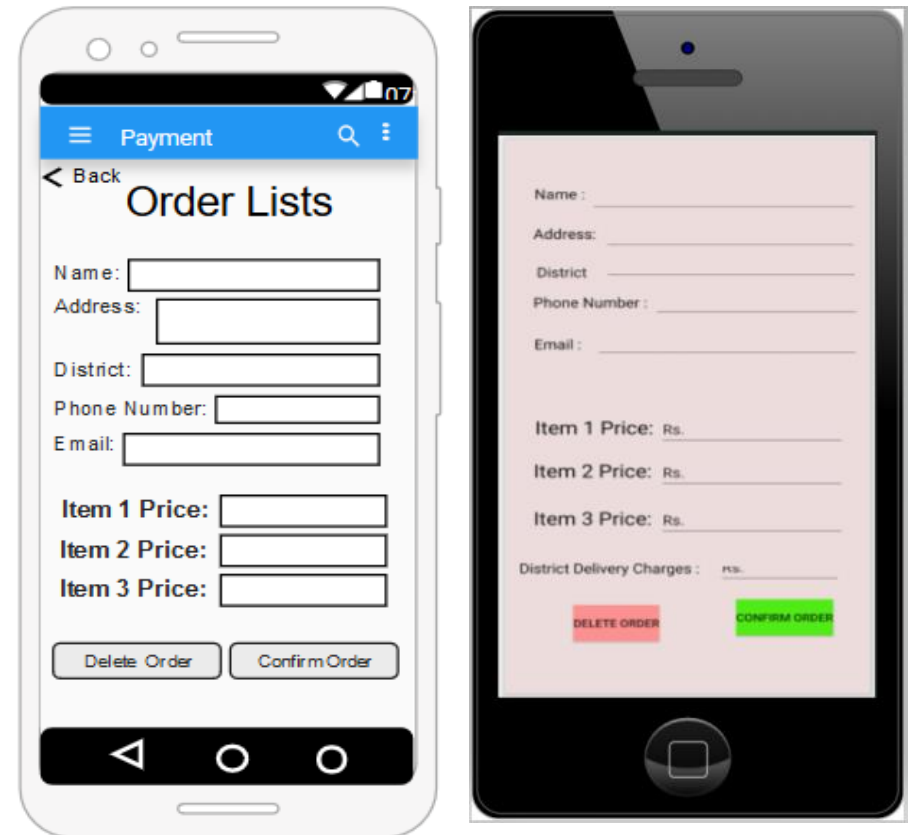
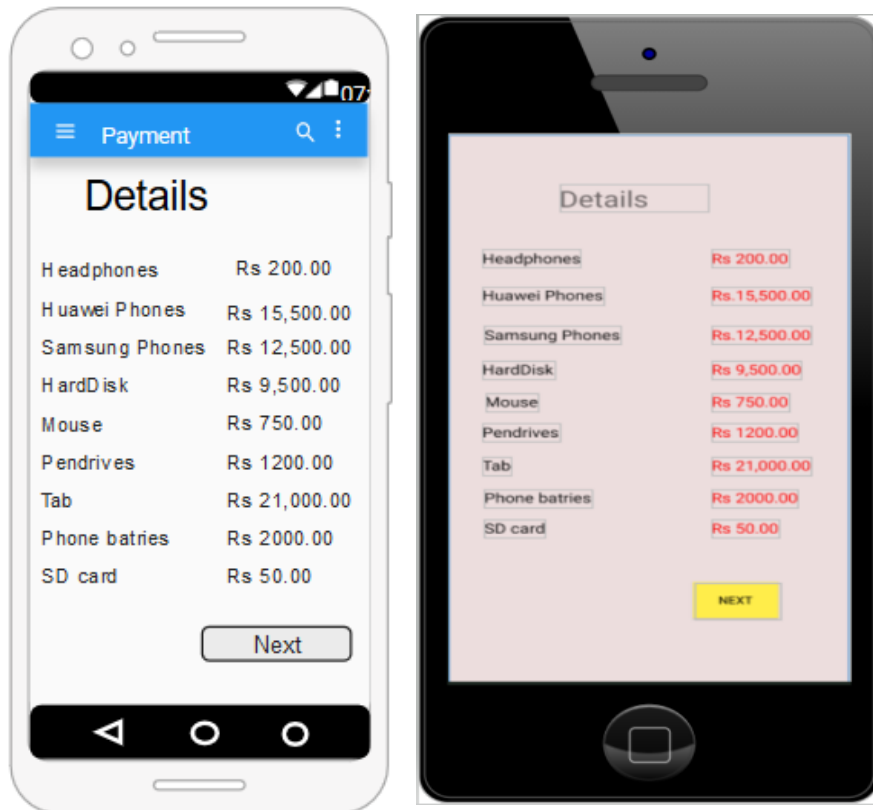
```
<string name="txtVAddUser">Add New User</string>
<string name="UserName">User Name</string>
<string name="EnterUserName">Eg:Sudesh</string>
<string name="userPhone">Phone </string>
<string name="InputPhone">Eg:0716545678</string>
<string name="UserEmail">Email</string>
<string name="InputEmail">Eg:sudhesh139@gmail.com</string>
<string name="UserPassword">Password</string>
<string name="inputPswrd">Eg: 123S139G</string>
<string name="saveUser">Save</string>
```

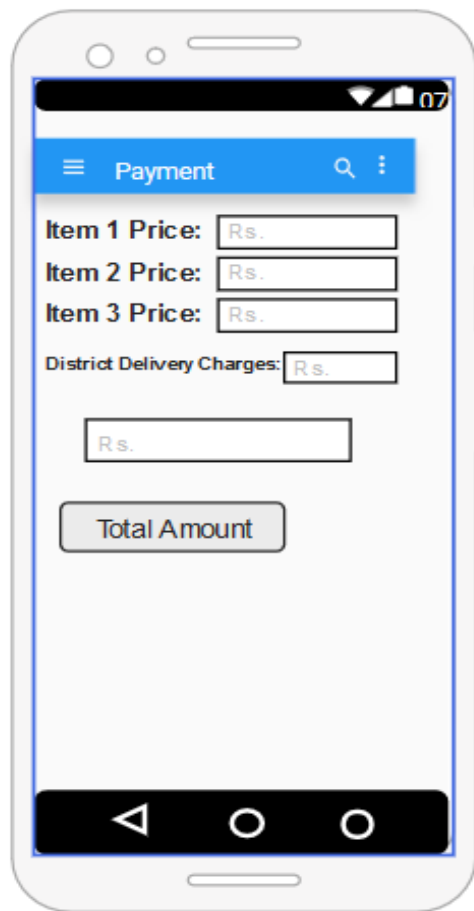
IT19114422 – User management






IT19171302 – Payment Management System





Usage of resource files:

```
<resources>
  <string name="app_name">Payment</string>
  <string name="BtnNext">Next</string>
  <string name="ITM1">Item 1 Price:</string>
  <string name="ITM2">Item 2 Price:</string>
  <string name="ITM3">Item 3 Price:</string>
  <string name="etSum">Confirm Order</string>
  <string name="BtnSum">Total Amount</string>
  <string name="rnSum">Sum</string>
   <string name="BTnDelete">Delete Order</string>
</resources>
```

CRUD operations and the entire functionality of the component:

A consumer looks for things in the mobile shop.

The customer clicks the "Next Button" above and enters his name, address, phone number, Email and district where he is located and then enters 3 items of his choice. If you enter the item by mistake, you can remove the required item from the "Delete Order" button. Then Figure 3 shows the price of the selected item.

They charge extra district delivery and delivery fees for shipping to customers near and far. The total is shown by the sum of the fees for those selected items and the two district delivery and delivery fees.