**Group Members:**

Abdullah Zafar(21-Arid-382)

Aimen(21-Arid-386)

Zain khan(21-Arid-481)

**Project Title:**

**“ BG(Basit Garments Clothing store)”**

The Basit Garments(BG) Clothing Store mobile app is a sophisticated

digital platform designed to revolutionize the shopping experience for

customers seeking high-quality clothing for both men and women. This

app will provide a comprehensive shopping solution, including browsing,

purchasing, and order tracking. Additionally, it will feature a unique shirt

customization option, allowing customers to personalize their apparel.

The goal is to enhance customer convenience, engagement, and

satisfaction by offering a versatile and user-friendly interface.

**Features/Functionaltiy:**

 User Registration and Login:

 Product Catalog:

 Search and Filter:

 Shirt Customization Tool:

 Secure Checkout:

 Order Management:

**Code:**

package com.example.fashionista.Model;

public class AdminOrders

{

private String fname,lname, phone, address, city, state, date, time, totalAmount;

public AdminOrders() {

}

public AdminOrders(String fname,String lname, String phone, String address, String city, String state, String date, String time, String totalAmount) {

this.fname = fname;

this.lname = lname;

this.phone = phone;

this.address = address;

this.city = city;

this.state = state;

this.date = date;

this.time = time;

this.totalAmount = totalAmount;

}

public String getFname() {

return fname;

}

public String getLname() {

return lname;

}

public void setFname(String fname) {

this.fname = fname;

}

public void setLname(String lname) {

this.lname = lname;

}

public String getPhone() {

return phone;

}

public void setPhone(String phone) {

this.phone = phone;

}

public String getAddress() {

return address;

}

public void setAddress(String address) {

this.address = address;

}

public String getCity() {

return city;

}

public void setCity(String city) {

this.city = city;

}

public String getState() {

return state;

}

public void setState(String state) {

this.state = state;

}

public String getDate() {

return date;

}

public void setDate(String date) {

this.date = date;

}

public String getTime() {

return time;

}

public void setTime(String time) {

this.time = time;

}

public String getTotalAmount() {

return totalAmount;

}

public void setTotalAmount(String totalAmount) {

this.totalAmount = totalAmount;

}

}

**Admin Login:**

package com.example.fashionista.Admin;

import android.app.AlertDialog;

import android.app.ProgressDialog;

import android.content.Intent;

import android.database.Cursor;

import android.graphics.drawable.AnimationDrawable;

import android.os.Bundle;

import android.support.constraint.ConstraintLayout;

import android.support.v7.app.AppCompatActivity;

import android.text.TextUtils;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

import com.example.fashionista.DataBaseHelper;

import com.example.fashionista.DataBaseHelperAdmins;

import com.example.fashionista.R;

public class AdminLogin extends AppCompatActivity {

// \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DECLARATIONS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// ADMINS CAN ACCESS BOTH CUSTOMER AND ADMIN DATABASES

// FOR USERS DATABASE

DataBaseHelper myDb;

// FOR ADMINS DATABASE

DataBaseHelperAdmins adminDb;

// FOR BACKGROUND

private ConstraintLayout constraintLayout;

private AnimationDrawable animationDrawable;

// FOR BUTTONS

private Button LoginBtn;

Button btnviewAllUsers;

Button btnviewAllAdmins;

private Button openCustomerLogin;

private Button openAdminLogin;

// FOR EDIT TEXTS

private EditText loginPhone,loginPassword;

// FOR PROGRESS DIALOG BAR

private ProgressDialog loadingBar;

// \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

@Override

protected void onCreate(Bundle savedInstanceState) {

//---------------------------------BY DEFAULT-----------------------------------------------

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_admin\_login);

// CONSTRUCTOR TO CREATE USER DATABASE USING USER DATABASE HELPER CLASS

myDb = new DataBaseHelper(this);

adminDb = new DataBaseHelperAdmins(this);

// TO INITIALISE THE ADMIN DB WITH AN ADMIN

adminDb.insertDataAdmins("Yukti","Khurana","8851237085","Magic1");

adminDb.insertDataAdmins("Shruti","Singh","9718527839","Magic2");

// LOGIN ACTIVITY FROM MAIN PAGE

loadingBar = new ProgressDialog(this);

LoginBtn = (Button)findViewById(R.id.loginButton);

loginPhone = (EditText)findViewById(R.id.phoneLogin);

loginPassword = (EditText)findViewById(R.id.passLogin);

LoginBtn.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view) {

AdminLogin();

}

});

// --------------BUTTONS INITIALISED TO PRINT ALL USER & ADMIN DATABASE DATA----------------

//btnviewAllUsers = (Button)findViewById(R.id.viewAllUsers);

btnviewAllAdmins = (Button)findViewById(R.id.viewAllAdmins);

//viewAllUsers();

viewAllAdmins();

//------------------------------------------------------------------------------------------

}

private void AdminLogin(){

String phone = loginPhone.getText().toString();

String password = loginPassword.getText().toString();

// --------------ALERTS USER IF ANY OF THE FIELDS ARE EMPTY---------------------------------

if (TextUtils.isEmpty(phone)){

Toast.makeText(this,"Please enter your Phone...",Toast.LENGTH\_SHORT).show();

}

else if (TextUtils.isEmpty(password)){

Toast.makeText(this,"Please enter your Password...",Toast.LENGTH\_SHORT).show();

}

else{

loadingBar.setTitle("Login Account");

loadingBar.setMessage("Please wait! while we are checking the credentials ");

loadingBar.setCanceledOnTouchOutside(false);

loadingBar.show();

//TO ALLOW ACCESS TO SIGNED UP USER

AllowAdminAccess(phone,password);

}

//------------------------------------------------------------------------------------------

}

// FOR ADMIN LOGIN

private void AllowAdminAccess(String phone,String password) {

Boolean phoneExists = adminDb.AdminPhoneExists(phone);

if (phoneExists){

Boolean passCorrect = adminDb.AdminPasswordCorrect(phone, password);

System.out.println("Password correct = "+ passCorrect);

if (passCorrect){

Toast.makeText(AdminLogin.this,"Welcome "+adminDb.getAdminFName(phone).toString()+" !",Toast.LENGTH\_SHORT).show();

loadingBar.dismiss();

try{

Intent intent = new Intent(AdminLogin.this,AdminCategoryActivity.class);

startActivity(intent);

}catch(Exception e){

e.printStackTrace();

}

}

else{

Toast.makeText(AdminLogin.this,"Sorry! Incorrect Password!",Toast.LENGTH\_SHORT).show();

loadingBar.dismiss();

}

}

else{

//Toast.makeText(MainActivity.this,"Database = "+parentDbName,Toast.LENGTH\_SHORT).show();

Toast.makeText(AdminLogin.this,"Account with this phone number does not exist!",Toast.LENGTH\_SHORT).show();

loadingBar.dismiss();

Toast.makeText(AdminLogin.this,"Please create a new account..",Toast.LENGTH\_SHORT).show();

loadingBar.dismiss();

}

}

public void viewAllUsers() {

btnviewAllUsers.setOnClickListener(

new View.OnClickListener() {

@Override

public void onClick(View v) {

//used the instance of DatabaseHelper

Cursor res = myDb.getAllDataUsers();

if(res.getCount() == 0) {

// show error message if no data to display!

showMessage("Error","Nothing found");

// function returned

return;

}

StringBuffer buffer = new StringBuffer();

// moves the cursor to the next result

while (res.moveToNext()) {

// indices of the columns are given her as argument

buffer.append("First Name : "+ res.getString(0)+"\n");

buffer.append("Last Name : "+ res.getString(1)+"\n");

buffer.append("Phone : "+ res.getString(2)+"\n");

buffer.append("Password : "+ res.getString(3)+"\n\n");

}

// Show all data : this function is declared downwards

showMessage("Data",buffer.toString());

}

}

);

}

public void viewAllAdmins() {

btnviewAllAdmins.setOnClickListener(

new View.OnClickListener() {

@Override

public void onClick(View v) {

//used the instance of DatabaseHelper

Cursor res = adminDb.getAllDataAdmins();

if(res.getCount() == 0) {

// show error message if no data to display!

showMessage("Error","Nothing found");

// function returned

return;

}

StringBuffer buffer = new StringBuffer();

// moves the cursor to the next result

while (res.moveToNext()) {

// indices of the columns are given her as argument

buffer.append("First Name : "+ res.getString(0)+"\n");

buffer.append("Last Name : "+ res.getString(1)+"\n");

buffer.append("Phone : "+ res.getString(2)+"\n");

buffer.append("Password : "+ res.getString(3)+"\n\n");

}

// Show all data : this function is declared downwards

showMessage("Data",buffer.toString());

}

}

);

}

public void showMessage(String title,String Message){

AlertDialog.Builder builder = new AlertDialog.Builder(this);

// so that we can cancel it after use

builder.setCancelable(true);

// The heading

builder.setTitle(title);

// heading and massage as argument

builder.setMessage(Message);

// shows the dialog

builder.show();

}

// DEFAULT FUNCTIONS

@Override

protected void onResume() {

super.onResume();

if (animationDrawable != null && !animationDrawable.isRunning()) {

// start the animation

animationDrawable.start();

}

}

@Override

protected void onPause() {

super.onPause();

if (animationDrawable != null && animationDrawable.isRunning()) {

// stop the animation

animationDrawable.stop();

}

}

}

**Product Category:**

package com.example.fashionista.Admin;

import android.support.annotation.NonNull;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import com.example.fashionista.Model.Cart;

import com.example.fashionista.R;

import com.example.fashionista.ViewHolder.CartViewHolder;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

import com.firebase.ui.database.FirebaseRecyclerOptions;

import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

public class AdminUserProductsActivity extends AppCompatActivity{

private RecyclerView productsList;

RecyclerView.LayoutManager layoutManager;

private DatabaseReference cartListRef;

private String userID = "";

@Override

protected void onCreate(Bundle savedInstanceState){

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_admin\_user\_products);

userID = getIntent().getStringExtra("uid");

productsList = findViewById(R.id.products\_list);

productsList.setHasFixedSize(true);

layoutManager = new LinearLayoutManager(this);

productsList.setLayoutManager(layoutManager);

cartListRef = FirebaseDatabase.getInstance().getReference()

.child("Cart List").child("Admin View").child(userID).child("Products");

}

@Override

protected void onStart(){

super.onStart();

FirebaseRecyclerOptions<Cart> options =

new FirebaseRecyclerOptions.Builder<Cart>()

.setQuery(cartListRef, Cart.class)

.build();

FirebaseRecyclerAdapter<Cart, CartViewHolder> adapter = new FirebaseRecyclerAdapter<Cart, CartViewHolder>(options) {

@Override

protected void onBindViewHolder(@NonNull CartViewHolder holder, int position, @NonNull Cart model){

holder.txtProductQuantity.setText("Quantity = " + model.getQuantity());

holder.txtProductPrice.setText("Price " + model.getPrice() + "$");

holder.txtProductName.setText(model.getPname());

}

@NonNull

@Override

public CartViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType){

View view = LayoutInflater.from(parent.getContext()).inflate(R.layout.cart\_items\_layout, parent, false);

CartViewHolder holder = new CartViewHolder(view);

return holder;

}

};

productsList.setAdapter(adapter);

adapter.startListening();

}

}