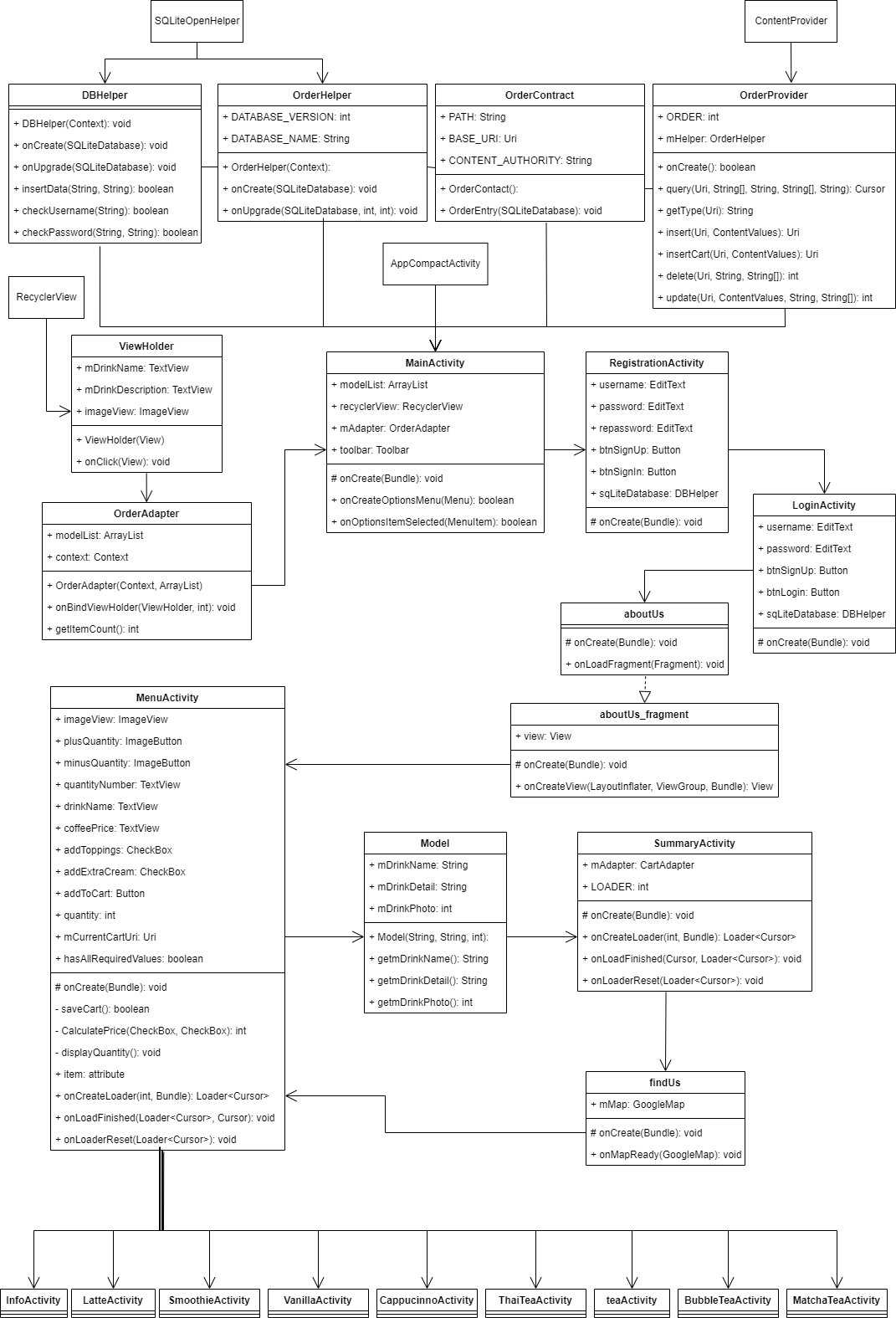
ICT 376 Assignment 2   
Report

By

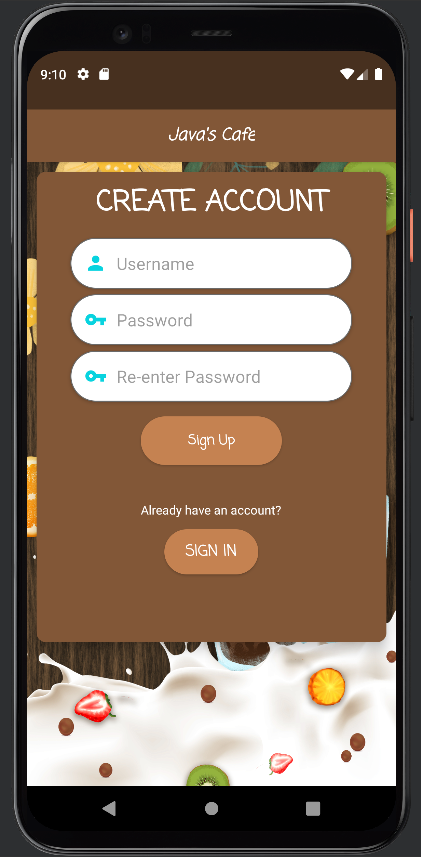
Group 2

# Project Summary

This project is about creating a drinks order application. The app will consist of login, about us, menu, order, cart and location page. Each of these pages will be connected to the database. For the login page, when the user types in their username and password, the system will check if the data is inside the database. If it is found, the system will let the users proceed on to the next page. However, if it’s not, then an “invalid credential” message will pop out and the user will be required to sign up for a new username and password. The data will immediately save inside the database after the users click on the sign up button and fill in the data. Next, for the menu and order app, the system will check on which item the users click on. All of this data will automatically be saved on the database for that specific account. Then, the system will check the details of the purchased items (hot or cold, quantity, add toppings & cream). After all data has been checked, the system will go to the database and retrieve the data for that account and display it on the order summary page. Lastly, the users can also check the exact location of Java’s cafe by clicking the map icon on the very top right of the menu page.



# User Guide



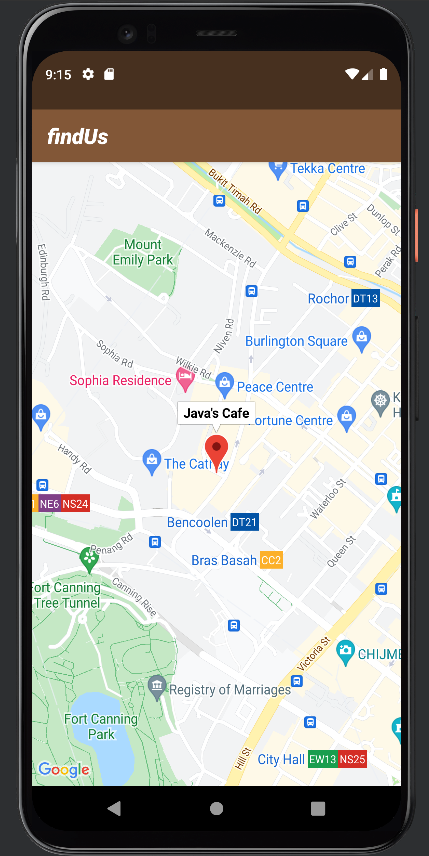
1. This is the first page that will be seen by the user after they click on the application logo on their devices. They will need to type in their username and password into the box provided for them. If they already have an account, they can just click on the sign in button. However, if it is the users’ first time visiting the app, they must create a new account by clicking the sign up button. If the user types in a username that is not saved onJava’s cafe database, “invalid credential” message will pop out.



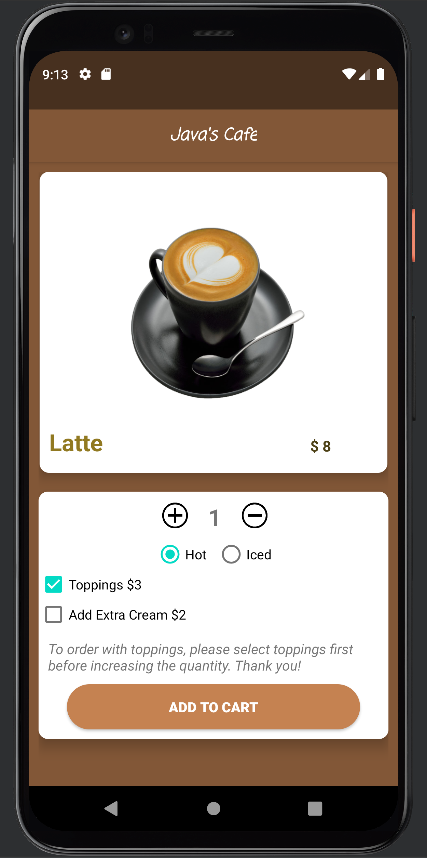
1. After the user login to their account, they will be redirected to the about us page. The about us page consists of Java’s cafe logo, name and its location. The user can continue to the next page by clicking the next button

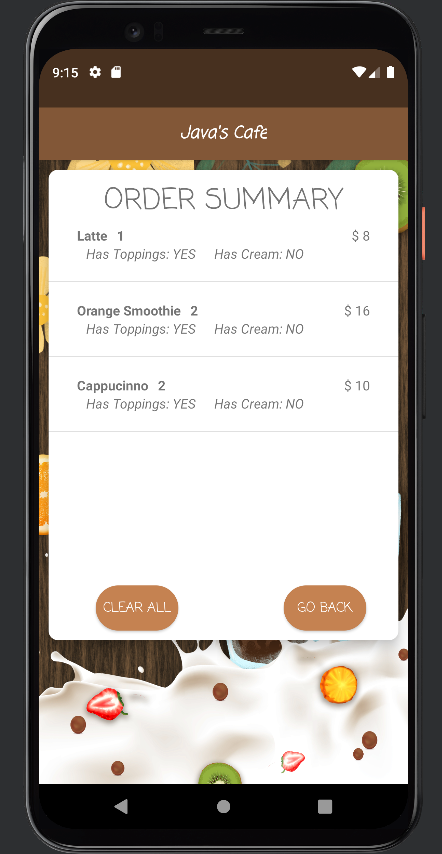


1. On the next page, the user will be provided with Java’s cafe drinks menu. Each menu will consist of a picture, name and short description. The user can choose which drink they want to buy. They can just tap on the drink they want and it will direct them to a new page where they can add the item to their cart. At the very top of this menu page, the user will be able to click on 3 icons which are the sign out, cart and location button. If they click on the sign out button, they will be redirected back to the login page. The second icon will be the cart button, if they tap on this button, they will be able to see items they have ordered. Lastly, the location button will show the user the exact location of Java’s cafe



1. This is to show the customers the exact location of Java’s cafe



1. After the user chooses which drink they want to order, the system will move them to the order page. The order page will let the user customize their drink. For instance, they can choose which one they prefer, hot or cold, add toppings or cream in it and the quantity of the drink they want to purchase. If they click the “add to cart button” with 0 quantity, “Order must be more than 0” message will pop out. The price below the picture will change automatically following the quantity of the item.
2. Items that are added to cart will be shown in the order summary page. The purchased items will be posted there complete with all of the data chosen by the user. The user can clear his/her cart by clicking on the “clear all” button and going back to the menu page.

# Codes

# ***MainActivity.java***

# package com.example.drinksorderapp;

# 

# import android.content.Intent;

# import android.os.Bundle;

# import android.view.Menu;

# import android.view.MenuItem;

# 

# import androidx.annotation.NonNull;

# import androidx.appcompat.app.ActionBar;

# import androidx.appcompat.app.AppCompatActivity;

# import androidx.appcompat.widget.Toolbar;

# import androidx.recyclerview.widget.LinearLayoutManager;

# import androidx.recyclerview.widget.RecyclerView;

# 

# import java.util.ArrayList;

# import java.util.List;

# 

# public class MainActivity extends AppCompatActivity {

# 

# List<Model> modelList;

# RecyclerView recyclerView;

# OrderAdapter mAdapter;

# Toolbar toolbar;

# 

# 

# @Override

# protected void onCreate(Bundle savedInstanceState) {

# 

# 

# 

# getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

# 

# getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

# 

# 

# super.onCreate(savedInstanceState);

# setContentView(R.layout.*activity\_main*);

# 

# // creating an arraylist

# 

# modelList = new ArrayList<>();

# modelList.add(new Model("Green Tea", getString(R.string.*greentea*), R.drawable.*greentea* ));

# modelList.add(new Model("Latte", getString(R.string.*latte*), R.drawable.*late*));

# modelList.add(new Model("Orange Smoothie", getString(R.string.*orangesmoothie*), R.drawable.*orange*));

# modelList.add(new Model("Orange Vanilla", getString(R.string.*orangevanilla*), R.drawable.*orangevanilla*));

# modelList.add(new Model("Cappucino", getString(R.string.*cappcuni*), R.drawable.*cappcunio*));

# modelList.add(new Model("Thai Milk Tea", getString(R.string.*thaitea*), R.drawable.*thaitea*));

# modelList.add(new Model("Tea", getString(R.string.*tea*), R.drawable.*tea*));

# modelList.add(new Model("Bubble Tea", getString(R.string.*bubbletea*), R.drawable.*milk*));

# modelList.add(new Model("Matcha Latte", getString(R.string.*match*), R.drawable.*match*));

# 

# // recyclerview

# recyclerView = findViewById(R.id.*recyclerView*);

# recyclerView.setLayoutManager(new LinearLayoutManager(null));

# // adapter

# mAdapter = new OrderAdapter(this, modelList);

# recyclerView.setAdapter(mAdapter);

# 

# 

# 

# 

# }

# 

# 

# @Override

# public boolean onCreateOptionsMenu(Menu menu) {

# getMenuInflater().inflate(R.menu.*menu*,menu);

# return true;

# }

# 

# @Override

# public boolean onOptionsItemSelected(@NonNull MenuItem item) {

# 

# int id = item.getItemId();

# 

# if(id == R.id.*signOut*){

# Intent intent = new Intent(this, LoginActivity.class);

# startActivity(intent);

# 

# }

# 

# if(id == R.id.*myCart*){

# Intent intent = new Intent(this, SummaryActivity.class);

# startActivity(intent);

# 

# }

# 

# if(id == R.id.*findUs*){

# Intent intent = new Intent(this, findUs.class);

# startActivity(intent);

# 

# }

# 

# return true;

# }

# }

# 

# 

# ***RegistrationActivity.java***

# ***package com.example.drinksorderapp;***

# 

# ***import android.content.Intent;***

# ***import android.content.SharedPreferences;***

# ***import android.os.Bundle;***

# ***import android.view.View;***

# ***import android.widget.Button;***

# ***import android.widget.EditText;***

# ***import android.widget.Toast;***

# 

# ***import androidx.appcompat.app.ActionBar;***

# ***import androidx.appcompat.app.AppCompatActivity;***

# 

# ***import com.example.drinksorderapp.Database.DBHelper;***

# 

# ***public class RegistrationActivity extends AppCompatActivity {***

# 

# ***EditText username,password,repassword;***

# ***Button btnSignUp, btnSignIn;***

# ***DBHelper sqLiteDatabase;***

# 

# ***SharedPreferences sharedPreferences;***

# 

# ***@Override***

# ***protected void onCreate(Bundle savedInstanceState) {***

# ***getSupportActionBar().setDisplayOptions(ActionBar.DISPLAY\_SHOW\_CUSTOM);***

# 

# ***getSupportActionBar().setCustomView(R.layout.toolbar\_title\_layout);***

# ***super.onCreate(savedInstanceState);***

# ***setContentView(R.layout.activity\_registration);***

# 

# ***username = (EditText)findViewById(R.id.username);***

# ***password = (EditText)findViewById(R.id.password);***

# ***repassword = (EditText)findViewById(R.id.repassword);***

# 

# ***btnSignUp = (Button) findViewById(R.id.btnSignUp);***

# ***btnSignIn = (Button) findViewById(R.id.btnSignIn);***

# 

# ***sqLiteDatabase = new DBHelper(this);***

# 

# ***btnSignUp.setOnClickListener(new View.OnClickListener() {***

# ***@Override***

# ***public void onClick(View view) {***

# ***String user = username.getText().toString();***

# ***String pass = password.getText().toString();***

# ***String repass = repassword.getText().toString();***

# 

# ***if(user.equals("") || pass.equals("") || repass.equals("")) {***

# ***Toast.makeText(RegistrationActivity.this, "Please fill all the fields", Toast.LENGTH\_SHORT).show();***

# ***}else {***

# ***if (pass.equals(repass)) {***

# ***Boolean userCheck = sqLiteDatabase.checkUsername(user);***

# ***if(userCheck == false) {***

# ***Boolean regResult = sqLiteDatabase.insertData(user, pass);***

# ***if (regResult == true) {***

# ***Toast.makeText(RegistrationActivity.this, "Registration Successful!", Toast.LENGTH\_SHORT).show();***

# ***Intent intent = new Intent(getApplicationContext(),LoginActivity.class);***

# ***startActivity(intent);***

# ***} else {***

# ***Toast.makeText(RegistrationActivity.this, "Registration Failed.", Toast.LENGTH\_SHORT).show();***

# ***}***

# ***}***

# ***else{***

# ***Toast.makeText(RegistrationActivity.this, "User already exists. Please sign in", Toast.LENGTH\_SHORT).show();***

# ***}***

# ***}else {***

# ***Toast.makeText(RegistrationActivity.this, "Password not matching", Toast.LENGTH\_SHORT).show();***

# ***}***

# ***}***

# ***}***

# ***});***

# 

# ***btnSignIn.setOnClickListener(new View.OnClickListener() {***

# ***@Override***

# ***public void onClick(View view) {***

# ***Intent intent = new Intent(getApplicationContext(),LoginActivity.class);***

# ***startActivity(intent);***

# ***}***

# ***});***

# 

# ***}***

# 

# ***}***

# 

# ***LoginActivity.java***

# package com.example.drinksorderapp;

# 

# import android.content.Intent;

# import android.os.Bundle;

# import android.view.View;

# import android.widget.Button;

# import android.widget.EditText;

# import android.widget.Toast;

# 

# import androidx.appcompat.app.ActionBar;

# import androidx.appcompat.app.AppCompatActivity;

# 

# import com.example.drinksorderapp.Database.DBHelper;

# 

# public class LoginActivity extends AppCompatActivity {

# 

# EditText username, password;

# Button btnSignUp,btnLogin;

# 

# DBHelper sqLiteDatabase;

# 

# @Override

# protected void onCreate(Bundle savedInstanceState) {

# getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

# 

# getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

# super.onCreate(savedInstanceState);

# setContentView(R.layout.*activity\_login*);

# 

# username = (EditText) findViewById(R.id.*usernameLogin*);

# password = (EditText) findViewById(R.id.*passwordLogin*);

# btnLogin = (Button) findViewById(R.id.*btnSignIn*);

# 

# sqLiteDatabase = new DBHelper(this);

# 

# btnSignUp = (Button) findViewById(R.id.*btnSignUp*);

# btnLogin.setOnClickListener(new View.OnClickListener() {

# @Override

# public void onClick(View view) {

# String user = username.getText().toString();

# String pass = password.getText().toString();

# 

# if (user.equals("") || pass.equals("")) {

# Toast.*makeText*(LoginActivity.this, "Please fill all the fields", Toast.*LENGTH\_SHORT*).show();

# }else {

# Boolean result = sqLiteDatabase.checkPassword(user,pass);

# if (result == true){

# Intent intent = new Intent(getApplicationContext(), aboutUs.class);

# startActivity(intent);

# }else {

# Toast.*makeText*(LoginActivity.this, "Invalid Credential", Toast.*LENGTH\_SHORT*).show();

# }

# }

# }

# });

# 

# btnSignUp.setOnClickListener(new View.OnClickListener() {

# @Override

# public void onClick(View view) {

# Intent intent = new Intent(getApplicationContext(),RegistrationActivity.class);

# startActivity(intent);

# }

# });

# }

# }

# 

# 

# ***aboutUs.java***

package com.example.drinksorderapp;

import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;

import androidx.fragment.app.Fragment;

import androidx.fragment.app.FragmentManager;

import androidx.fragment.app.FragmentTransaction;

public class aboutUs extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_about\_us*);

aboutUs\_fragment fragmentAboutUs = new aboutUs\_fragment();

onLoadFragment(fragmentAboutUs);

}

public void onLoadFragment(Fragment fragment){

FragmentManager fragmentManager = getSupportFragmentManager();

FragmentTransaction fragmentTransaction = fragmentManager.beginTransaction();

fragmentTransaction.replace(R.id.*fragmentLayout*, fragment);

fragmentTransaction.commit();

}

}

1. ***aboutUs\_fragment.java***

package com.example.drinksorderapp;

import android.content.Intent;

import android.os.Bundle;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import androidx.fragment.app.Fragment;

public class aboutUs\_fragment extends Fragment {

View view;

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

}

@Override

public View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

view = inflater.inflate(R.layout.*fragment\_about\_us\_fragment*, container, false);

Button buttonNext = (Button) view.findViewById(R.id.*nextFragment*);

buttonNext.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent = new Intent(getContext(), MainActivity.class);

startActivity(intent);

}

});

return view;

}

}

1. ***infoActivity.java***

***package com.example.drinksorderapp;***

***import android.app.LoaderManager;***

***import android.content.ContentValues;***

***import android.content.CursorLoader;***

***import android.content.Intent;***

***import android.content.Loader;***

***import android.database.Cursor;***

***import android.net.Uri;***

***import android.os.Bundle;***

***import android.view.View;***

***import android.widget.Button;***

***import android.widget.CheckBox;***

***import android.widget.ImageButton;***

***import android.widget.ImageView;***

***import android.widget.TextView;***

***import android.widget.Toast;***

***import androidx.appcompat.app.ActionBar;***

***import androidx.appcompat.app.AppCompatActivity;***

***import com.example.drinksorderapp.Database.OrderContract;***

***public class InfoActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {***

***// first of all we will get the views that are present in the layout of info***

***ImageView imageView;***

***ImageButton plusquantity, minusquantity;***

***TextView quantitynumber, drinnkName, coffeePrice;***

***CheckBox addToppings, addExtraCream;***

***Button addtoCart;***

***int quantity;***

***public Uri mCurrentCartUri;***

***boolean hasAllRequiredValues = false;***

***@Override***

***protected void onCreate(Bundle savedInstanceState) {***

***getSupportActionBar().setDisplayOptions(ActionBar.DISPLAY\_SHOW\_CUSTOM);***

***getSupportActionBar().setCustomView(R.layout.toolbar\_title\_layout);***

***super.onCreate(savedInstanceState);***

***setContentView(R.layout.activity\_info);***

***imageView = findViewById(R.id.imageViewInfo);***

***plusquantity = findViewById(R.id.addquantity);***

***minusquantity = findViewById(R.id.subquantity);***

***quantitynumber = findViewById(R.id.quantity);***

***drinnkName = findViewById(R.id.drinkNameinInfo);***

***coffeePrice = findViewById(R.id.coffeePrice);***

***addToppings = findViewById(R.id.addToppings);***

***addtoCart = findViewById(R.id.addtocart);***

***addExtraCream = findViewById(R.id.addCream);***

***// setting the name of drink***

***drinnkName.setText("Green Tea");***

***addtoCart.setOnClickListener(new View.OnClickListener() {***

***@Override***

***public void onClick(View v) {***

***Intent intent = new Intent(InfoActivity.this, SummaryActivity.class);***

***startActivity(intent);***

***// once this button is clicked we want to save our values in the database and send those values***

***// right away to summary activity where we display the order info***

***SaveCart();***

***}***

***});***

***plusquantity.setOnClickListener(new View.OnClickListener() {***

***@Override***

***public void onClick(View v) {***

***//price***

***int basePrice = 5;***

***quantity++;***

***displayQuantity();***

***int coffePrice = basePrice \* quantity;***

***String setnewPrice = String.valueOf(coffePrice);***

***coffeePrice.setText(setnewPrice);***

***// checkBoxes functionality***

***int ifCheckBox = CalculatePrice(addExtraCream, addToppings);***

***coffeePrice.setText("$ " + ifCheckBox);***

***}***

***});***

***minusquantity.setOnClickListener(new View.OnClickListener() {***

***@Override***

***public void onClick(View v) {***

***int basePrice = 5;***

***// because we dont want the quantity go less than 0***

***if (quantity <= 0) {***

***Toast.makeText(InfoActivity.this, "Please order at least one or more.", Toast.LENGTH\_SHORT).show();***

***} else {***

***quantity--;***

***displayQuantity();***

***int coffePrice = basePrice \* quantity;***

***String setnewPrice = String.valueOf(coffePrice);***

***coffeePrice.setText(setnewPrice);***

***// checkBoxes functionality***

***int ifCheckBox = CalculatePrice(addExtraCream, addToppings);***

***coffeePrice.setText("$ " + ifCheckBox);***

***}***

***}***

***});***

***}***

***private boolean SaveCart() {***

***if (quantity <= 0){***

***Toast.makeText(InfoActivity.this, "Please order at least one or more.", Toast.LENGTH\_SHORT).show();***

***} else {***

***// getting the values from our views***

***String name = drinnkName.getText().toString();***

***String price = coffeePrice.getText().toString();***

***String quantity = quantitynumber.getText().toString();***

***ContentValues values = new ContentValues();***

***values.put(OrderContract.OrderEntry.COLUMN\_NAME, name);***

***values.put(OrderContract.OrderEntry.COLUMN\_PRICE, price);***

***values.put(OrderContract.OrderEntry.COLUMN\_QUANTITY, quantity);***

***if (addExtraCream.isChecked()) {***

***values.put(OrderContract.OrderEntry.COLUMN\_CREAM, "Has Cream: YES");***

***} else {***

***values.put(OrderContract.OrderEntry.COLUMN\_CREAM, "Has Cream: NO");***

***}***

***if (addToppings.isChecked()) {***

***values.put(OrderContract.OrderEntry.COLUMN\_HASTOPPING, "Has Toppings: YES");***

***} else {***

***values.put(OrderContract.OrderEntry.COLUMN\_HASTOPPING, "Has Toppings: NO");***

***}***

***if (mCurrentCartUri == null) {***

***Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.CONTENT\_URI, values);***

***if (newUri==null) {***

***Toast.makeText(this, "Failed to add to Cart", Toast.LENGTH\_SHORT).show();***

***} else {***

***Toast.makeText(this, "Success adding to Cart", Toast.LENGTH\_SHORT).show();***

***}***

***}***

***}***

***hasAllRequiredValues = true;***

***return hasAllRequiredValues;***

***}***

***private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {***

***int basePrice = 5;***

***if (addExtraCream.isChecked()) {***

***// add the cream cost $2***

***basePrice = basePrice + 2;***

***}***

***if (addToppings.isChecked()) {***

***// topping cost is $3***

***basePrice = basePrice + 3;***

***}***

***return basePrice \* quantity;***

***}***

***private void displayQuantity() {***

***quantitynumber.setText(String.valueOf(quantity));***

***}***

***@Override***

***public Loader<Cursor> onCreateLoader(int id, Bundle args) {***

***String[] projection = {OrderContract.OrderEntry.\_ID,***

***OrderContract.OrderEntry.COLUMN\_NAME,***

***OrderContract.OrderEntry.COLUMN\_PRICE,***

***OrderContract.OrderEntry.COLUMN\_QUANTITY,***

***OrderContract.OrderEntry.COLUMN\_CREAM,***

***OrderContract.OrderEntry.COLUMN\_HASTOPPING***

***};***

***return new CursorLoader(this, mCurrentCartUri,***

***projection,***

***null,***

***null,***

***null);***

***}***

***@Override***

***public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {***

***if (cursor == null || cursor.getCount() < 1) {***

***return;***

***}***

***if (cursor.moveToFirst()) {***

***int name = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_NAME);***

***int price = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_PRICE);***

***int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_QUANTITY);***

***int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_CREAM);***

***int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_HASTOPPING);***

***String nameofdrink = cursor.getString(name);***

***String priceofdrink = cursor.getString(price);***

***String quantityofdrink = cursor.getString(quantity);***

***String yeshasCream = cursor.getString(hasCream);***

***String yeshastopping = cursor.getString(hasTopping);***

***drinnkName.setText(nameofdrink);***

***coffeePrice.setText(priceofdrink);***

***quantitynumber.setText(quantityofdrink);***

***}***

***}***

***@Override***

***public void onLoaderReset(Loader<Cursor> loader) {***

***drinnkName.setText("");***

***coffeePrice.setText("");***

***quantitynumber.setText("");***

***}***

***}***

1. ***TeaActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class TeaActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Tea");

imageView.setImageResource(R.drawable.*tea*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(TeaActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(TeaActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(TeaActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***LatteActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class LatteActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, descriptionInfo, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

descriptionInfo = findViewById(R.id.*descriptioninfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Latte");

imageView.setImageResource(R.drawable.*late*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(LatteActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(LatteActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(LatteActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***SmoothieActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class SmoothieActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Orange Smoothie");

imageView.setImageResource(R.drawable.*orange*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(SmoothieActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(SmoothieActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(SmoothieActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***VanillaActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class VanillaActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Orange Vanilla");

imageView.setImageResource(R.drawable.*orangevanilla*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(VanillaActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(VanillaActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(VanillaActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***CappucinnoActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class CappucinnoActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Cappucinno");

imageView.setImageResource(R.drawable.*cappcunio*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(CappucinnoActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(CappucinnoActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(CappucinnoActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***ThaiTeaActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class ThaiTeaActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.DISPLAY\_SHOW\_CUSTOM);

getSupportActionBar().setCustomView(R.layout.toolbar\_title\_layout);

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_info);

imageView = findViewById(R.id.imageViewInfo);

plusquantity = findViewById(R.id.addquantity);

minusquantity = findViewById(R.id.subquantity);

quantitynumber = findViewById(R.id.quantity);

drinnkName = findViewById(R.id.drinkNameinInfo);

coffeePrice = findViewById(R.id.coffeePrice);

addToppings = findViewById(R.id.addToppings);

addtoCart = findViewById(R.id.addtocart);

addExtraCream = findViewById(R.id.addCream);

// setting the name of drink

drinnkName.setText("Thai Milk Tea");

imageView.setImageResource(R.drawable.thaitea);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(ThaiTeaActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.valueOf(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.makeText(ThaiTeaActivity.this, "Please order more than 1 Thank you!", Toast.LENGTH\_SHORT).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.valueOf(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.makeText(ThaiTeaActivity.this, "Please order at least one or more.", Toast.LENGTH\_SHORT).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.COLUMN\_NAME, name);

values.put(OrderContract.OrderEntry.COLUMN\_PRICE, price);

values.put(OrderContract.OrderEntry.COLUMN\_QUANTITY, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.COLUMN\_CREAM, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.COLUMN\_CREAM, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.COLUMN\_HASTOPPING, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.COLUMN\_HASTOPPING, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.CONTENT\_URI, values);

if (newUri==null) {

Toast.makeText(this, "Failed to add to Cart", Toast.LENGTH\_SHORT).show();

} else {

Toast.makeText(this, "Success adding to Cart", Toast.LENGTH\_SHORT).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.valueOf(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.\_ID,

OrderContract.OrderEntry.COLUMN\_NAME,

OrderContract.OrderEntry.COLUMN\_PRICE,

OrderContract.OrderEntry.COLUMN\_QUANTITY,

OrderContract.OrderEntry.COLUMN\_CREAM,

OrderContract.OrderEntry.COLUMN\_HASTOPPING

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_NAME);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_PRICE);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_QUANTITY);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_CREAM);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.COLUMN\_HASTOPPING);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***TeaActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class TeaActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Tea");

imageView.setImageResource(R.drawable.*tea*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(TeaActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(TeaActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(TeaActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***BubbleTeaActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class BubbleTeaActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Bubble Tea");

imageView.setImageResource(R.drawable.*milk*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(BubbleTeaActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(BubbleTeaActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(BubbleTeaActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***MatchaActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.ContentValues;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageButton;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class MatchaActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

// first of all we will get the views that are present in the layout of info

ImageView imageView;

ImageButton plusquantity, minusquantity;

TextView quantitynumber, drinnkName, coffeePrice;

CheckBox addToppings, addExtraCream;

Button addtoCart;

int quantity;

public Uri mCurrentCartUri;

boolean hasAllRequiredValues = false;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.*DISPLAY\_SHOW\_CUSTOM*);

getSupportActionBar().setCustomView(R.layout.*toolbar\_title\_layout*);

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_info*);

imageView = findViewById(R.id.*imageViewInfo*);

plusquantity = findViewById(R.id.*addquantity*);

minusquantity = findViewById(R.id.*subquantity*);

quantitynumber = findViewById(R.id.*quantity*);

drinnkName = findViewById(R.id.*drinkNameinInfo*);

coffeePrice = findViewById(R.id.*coffeePrice*);

addToppings = findViewById(R.id.*addToppings*);

addtoCart = findViewById(R.id.*addtocart*);

addExtraCream = findViewById(R.id.*addCream*);

// setting the name of drink

drinnkName.setText("Matcha");

imageView.setImageResource(R.drawable.*match*);

addtoCart.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent = new Intent(MatchaActivity.this, SummaryActivity.class);

startActivity(intent);

// once this button is clicked we want to save our values in the database and send those values

// right away to summary activity where we display the order info

SaveCart();

}

});

plusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// coffee price

int basePrice = 5;

quantity++;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

});

minusquantity.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int basePrice = 5;

// because we dont want the quantity go less than 0

if (quantity == 0) {

Toast.*makeText*(MatchaActivity.this, "Please order more than 1 Thank you!", Toast.*LENGTH\_SHORT*).show();

} else {

quantity--;

displayQuantity();

int coffePrice = basePrice \* quantity;

String setnewPrice = String.*valueOf*(coffePrice);

coffeePrice.setText(setnewPrice);

// checkBoxes functionality

int ifCheckBox = CalculatePrice(addExtraCream, addToppings);

coffeePrice.setText("$ " + ifCheckBox);

}

}

});

}

private boolean SaveCart() {

if (quantity <= 0){

Toast.*makeText*(MatchaActivity.this, "Please order at least one or more.", Toast.*LENGTH\_SHORT*).show();

} else {

// getting the values from our views

String name = drinnkName.getText().toString();

String price = coffeePrice.getText().toString();

String quantity = quantitynumber.getText().toString();

ContentValues values = new ContentValues();

values.put(OrderContract.OrderEntry.*COLUMN\_NAME*, name);

values.put(OrderContract.OrderEntry.*COLUMN\_PRICE*, price);

values.put(OrderContract.OrderEntry.*COLUMN\_QUANTITY*, quantity);

if (addExtraCream.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_CREAM*, "Has Cream: NO");

}

if (addToppings.isChecked()) {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: YES");

} else {

values.put(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*, "Has Toppings: NO");

}

if (mCurrentCartUri == null) {

Uri newUri = getContentResolver().insert(OrderContract.OrderEntry.*CONTENT\_URI*, values);

if (newUri==null) {

Toast.*makeText*(this, "Failed to add to Cart", Toast.*LENGTH\_SHORT*).show();

} else {

Toast.*makeText*(this, "Success adding to Cart", Toast.*LENGTH\_SHORT*).show();

}

}

}

hasAllRequiredValues = true;

return hasAllRequiredValues;

}

private int CalculatePrice(CheckBox addExtraCream, CheckBox addToppings) {

int basePrice = 5;

if (addExtraCream.isChecked()) {

// add the cream cost $2

basePrice = basePrice + 2;

}

if (addToppings.isChecked()) {

// topping cost is $3

basePrice = basePrice + 3;

}

return basePrice \* quantity;

}

private void displayQuantity() {

quantitynumber.setText(String.*valueOf*(quantity));

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.*\_ID*,

OrderContract.OrderEntry.*COLUMN\_NAME*,

OrderContract.OrderEntry.*COLUMN\_PRICE*,

OrderContract.OrderEntry.*COLUMN\_QUANTITY*,

OrderContract.OrderEntry.*COLUMN\_CREAM*,

OrderContract.OrderEntry.*COLUMN\_HASTOPPING*

};

return new CursorLoader(this, mCurrentCartUri,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor cursor) {

if (cursor == null || cursor.getCount() < 1) {

return;

}

if (cursor.moveToFirst()) {

int name = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_NAME*);

int price = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_PRICE*);

int quantity = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_QUANTITY*);

int hasCream = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_CREAM*);

int hasTopping = cursor.getColumnIndex(OrderContract.OrderEntry.*COLUMN\_HASTOPPING*);

String nameofdrink = cursor.getString(name);

String priceofdrink = cursor.getString(price);

String quantityofdrink = cursor.getString(quantity);

String yeshasCream = cursor.getString(hasCream);

String yeshastopping = cursor.getString(hasTopping);

drinnkName.setText(nameofdrink);

coffeePrice.setText(priceofdrink);

quantitynumber.setText(quantityofdrink);

}

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

drinnkName.setText("");

coffeePrice.setText("");

quantitynumber.setText("");

}

}

1. ***OrderAdapter.java***

package com.example.drinksorderapp;

import android.content.Context;

import android.content.Intent;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.ImageView;

import android.widget.TextView;

import androidx.recyclerview.widget.RecyclerView;

import java.util.List;

public class OrderAdapter extends RecyclerView.Adapter<OrderAdapter.ViewHolder> {

List<Model> modelList;

Context context;

public OrderAdapter(Context context, List<Model> modelList) {

this.context = context;

this.modelList = modelList;

}

@Override

public ViewHolder onCreateViewHolder( ViewGroup parent, int i) {

View view = LayoutInflater.*from*(context).inflate(R.layout.*listitem*, parent, false);

return new ViewHolder(view);

}

@Override

public void onBindViewHolder( ViewHolder holder, int position) {

// here we will find the position and start setting the output on our views

String nameofDrink = modelList.get(position).getmDrinkName();

String descriptionofdrink = modelList.get(position).getmDrinkDetail();

int images = modelList.get(position).getmDrinkPhoto();

holder.mDrinkName.setText(nameofDrink);

holder.mDrinkDescription.setText(descriptionofdrink);

holder.imageView.setImageResource(images);

}

@Override

public int getItemCount() {

return modelList.size();

}

// in order to make our views responsive we can implement onclicklistener on our recyclerview

public class ViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener {

// here we will find the views on which we will inflate our data

TextView mDrinkName, mDrinkDescription;

ImageView imageView;

public ViewHolder(View itemView) {

super(itemView);

mDrinkName = itemView.findViewById(R.id.*coffeeName*);

mDrinkDescription = itemView.findViewById(R.id.*description*);

imageView = itemView.findViewById(R.id.*coffeeImage*);

itemView.setOnClickListener(this);

}

@Override

public void onClick(View v) {

// get the position of the view in list and then work on it

int position = getAdapterPosition();

if (position == 0) {

Intent intent = new Intent(context, InfoActivity.class);

context.startActivity(intent);

}

if (position == 1) {

Intent intent2 = new Intent(context, LatteActivity.class);

context.startActivity(intent2);

}

if (position == 2) {

Intent intent3 = new Intent(context, SmoothieActivity.class);

context.startActivity(intent3);

}

if (position == 3) {

Intent intent4 = new Intent(context, VanillaActivity.class);

context.startActivity(intent4);

}

if (position == 4) {

Intent intent5 = new Intent(context,CappucinnoActivity.class);

context.startActivity(intent5);

}

if (position == 5) {

Intent intent6 = new Intent(context, ThaiTeaActivity.class);

context.startActivity(intent6);

}

if (position == 6) {

Intent intent7 = new Intent(context, TeaActivity.class);

context.startActivity(intent7);

}

if (position == 7) {

Intent intent8 = new Intent(context, BubbleTeaActivity.class);

context.startActivity(intent8);

}

if (position == 8) {

Intent intent9 = new Intent(context, MatchaActivity.class);

context.startActivity(intent9);

}

}

}

}

1. ***Model.java***

package com.example.drinksorderapp;

public class Model {

String mDrinkName;

String mDrinkDetail;

int mDrinkPhoto;

public Model(String mDrinkName, String mDrinkDetail, int mDrinkPhoto) {

this.mDrinkName = mDrinkName;

this.mDrinkDetail = mDrinkDetail;

this.mDrinkPhoto = mDrinkPhoto;

}

public String getmDrinkName() {

return mDrinkName;

}

public String getmDrinkDetail() {

return mDrinkDetail;

}

public int getmDrinkPhoto() {

return mDrinkPhoto;

}

}

1. ***SummaryActivity.java***

package com.example.drinksorderapp;

import android.app.LoaderManager;

import android.content.CursorLoader;

import android.content.Intent;

import android.content.Loader;

import android.database.Cursor;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.ListView;

import androidx.appcompat.app.ActionBar;

import androidx.appcompat.app.AppCompatActivity;

import com.example.drinksorderapp.Database.OrderContract;

public class SummaryActivity extends AppCompatActivity implements LoaderManager.LoaderCallbacks<Cursor> {

public CartAdapter mAdapter;

public static final int LOADER = 0;

@Override

protected void onCreate(Bundle savedInstanceState) {

getSupportActionBar().setDisplayOptions(ActionBar.DISPLAY\_SHOW\_CUSTOM);

getSupportActionBar().setCustomView(R.layout.toolbar\_title\_layout);

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_summary);

Button clearthedata = findViewById(R.id.clearthedatabase);

clearthedata.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int deletethedata = getContentResolver().delete(OrderContract.OrderEntry.CONTENT\_URI, null, null);

}

});

getLoaderManager().initLoader(LOADER, null, this);

ListView listView = findViewById(R.id.list);

mAdapter = new CartAdapter(this, null);

listView.setAdapter(mAdapter);

Button buttonGoBack = (Button)findViewById(R.id.goToIndex);

buttonGoBack.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent = new Intent(view.getContext(), MainActivity.class);

startActivity(intent);

}

});

}

@Override

public Loader<Cursor> onCreateLoader(int id, Bundle args) {

String[] projection = {OrderContract.OrderEntry.\_ID,

OrderContract.OrderEntry.COLUMN\_NAME,

OrderContract.OrderEntry.COLUMN\_PRICE,

OrderContract.OrderEntry.COLUMN\_QUANTITY,

OrderContract.OrderEntry.COLUMN\_CREAM,

OrderContract.OrderEntry.COLUMN\_HASTOPPING

};

return new CursorLoader(this, OrderContract.OrderEntry.CONTENT\_URI,

projection,

null,

null,

null);

}

@Override

public void onLoadFinished(Loader<Cursor> loader, Cursor data) {

mAdapter.swapCursor(data);

}

@Override

public void onLoaderReset(Loader<Cursor> loader) {

mAdapter.swapCursor(null);

}

}

1. ***findUs.java***

package com.example.drinksorderapp;

import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;

import com.google.android.gms.maps.CameraUpdateFactory;

import com.google.android.gms.maps.GoogleMap;

import com.google.android.gms.maps.OnMapReadyCallback;

import com.google.android.gms.maps.SupportMapFragment;

import com.google.android.gms.maps.model.LatLng;

import com.google.android.gms.maps.model.MarkerOptions;

public class findUs extends AppCompatActivity implements OnMapReadyCallback {

private GoogleMap mMap;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_maps*);

// Obtain the SupportMapFragment and get notified when the map is ready to be used.

SupportMapFragment mapFragment = (SupportMapFragment) getSupportFragmentManager()

.findFragmentById(R.id.*map*);

mapFragment.getMapAsync(this);

}

@Override

public void onMapReady(GoogleMap googleMap) {

mMap = googleMap;

// Marker Coffee Shop

LatLng coffeeShop = new LatLng(1.29961, 103.84925);

mMap.addMarker(new MarkerOptions()

.position(coffeeShop)

.title("Java's Cafe"))

.showInfoWindow();

float zoomLevel = 16.0f; //This goes up to 21

mMap.moveCamera(CameraUpdateFactory.*newLatLngZoom*(coffeeShop, zoomLevel));

}

}

1. ***DBHelper.java***

package com.example.drinksorderapp.Database;

import android.content.ContentValues;

import android.content.Context;

import android.database.Cursor;

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

public class DBHelper extends SQLiteOpenHelper {

public DBHelper(Context context) {

super(context, "Login.db", null, 1);

}

@Override

public void onCreate(SQLiteDatabase sqLiteDatabase) {

sqLiteDatabase.execSQL("create Table users(username Text primary key, password Text)");

}

@Override

public void onUpgrade(SQLiteDatabase sqLiteDatabase, int i, int i1) {

sqLiteDatabase.execSQL("drop Table if exists users");

}

public boolean insertData(String username, String password) {

SQLiteDatabase sqLiteDatabase = this.getWritableDatabase();

ContentValues contentValues = new ContentValues();

contentValues.put("username", username);

contentValues.put("password", password);

long result = sqLiteDatabase.insert("users", null, contentValues);

if (result == 1) {

return false;

} else {

return true;

}

}

public Boolean checkUsername(String username) {

SQLiteDatabase sqLiteDatabase = this.getWritableDatabase();

Cursor cursor = sqLiteDatabase.rawQuery("select \* from users where username = ?", new String[]{username});

if (cursor.getCount() > 0) {

return true;

} else {

return false;

}

}

public Boolean checkPassword(String username, String password) {

SQLiteDatabase sqLiteDatabase = this.getWritableDatabase();

Cursor cursor = sqLiteDatabase.rawQuery("select \* from users where username = ? and password = ?", new String[]{username, password});

if (cursor.getCount() > 0) {

return true;

} else {

return false;

}

}

}

1. ***OrderContact.java***

package com.example.drinksorderapp.Database;

import android.net.Uri;

import android.provider.BaseColumns;

public class OrderContract {

public OrderContract() {

}

// contentauthority requires you to enter your package name

public static final String *CONTENT\_AUTHORITY* = "com.example.drinksorderapp";

public static final Uri *BASE\_URI* = Uri.*parse*("content://" + *CONTENT\_AUTHORITY*);

// this should be similar to your table name

public static final String *PATH* = "orderig";

public static abstract class OrderEntry implements BaseColumns{

public static final Uri *CONTENT\_URI* = Uri.*withAppendedPath*(*BASE\_URI*, *PATH*);

public static final String *TABLE\_NAME* = "orderig";

public static final String *\_ID* = BaseColumns.*\_ID*;

public static final String *COLUMN\_NAME* = "name";

public static final String COLUMN\_QUANTITY = "quantity";

public static final String COLUMN\_PRICE = "price";

public static final String COLUMN\_HASTOPPING = "hastoppings";

public static final String COLUMN\_CREAM = "hascream";

}

}

1. ***OrderHelper.java***

package com.example.drinksorderapp.Database;

import android.content.Context;

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

public class OrderHelper extends SQLiteOpenHelper {

public static final int DATABASE\_VERSION = 1;

public static final String DATABASE\_NAME = "ord.db";

public OrderHelper(Context context) {

super(context, DATABASE\_NAME, null, DATABASE\_VERSION);

}

@Override

public void onCreate(SQLiteDatabase db) {

String SQL\_TABLE = "CREATE TABLE " + OrderContract.OrderEntry.TABLE\_NAME + " ("

+ OrderContract.OrderEntry.\_ID + " INTEGER PRIMARY KEY AUTOINCREMENT, "

+ OrderContract.OrderEntry.COLUMN\_NAME + " TEXT NOT NULL, "

+ OrderContract.OrderEntry.COLUMN\_QUANTITY + " TEXT NOT NULL, "

+ OrderContract.OrderEntry.COLUMN\_PRICE + " TEXT NOT NULL, "

+ OrderContract.OrderEntry.COLUMN\_HASTOPPING + " TEXT NOT NULL, "

+ OrderContract.OrderEntry.COLUMN\_CREAM + " TEXT NOT NULL);";

db.execSQL(SQL\_TABLE);

}

@Override

public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {

}

}

1. ***OrderProvider.java***

package com.example.drinksorderapp.Database;

import android.content.ContentProvider;

import android.content.ContentUris;

import android.content.ContentValues;

import android.content.UriMatcher;

import android.database.Cursor;

import android.database.sqlite.SQLiteDatabase;

import android.net.Uri;

public class OrderProvider extends ContentProvider {

// this constant is needed in order to define the path of our modification in the table

public static final int ORDER = 100;

public static UriMatcher sUriMatcher = new UriMatcher(UriMatcher.NO\_MATCH);

static {

sUriMatcher.addURI(OrderContract.CONTENT\_AUTHORITY, OrderContract.PATH, ORDER);

}

public OrderHelper mHelper;

@Override

public boolean onCreate() {

mHelper = new OrderHelper(getContext());

return true;

}

@Override

public Cursor query(Uri uri, String[] projection, String selection, String[] selectionArgs, String sortOrder) {

// since we are querying from the database

SQLiteDatabase database = mHelper.getReadableDatabase();

Cursor cursor;

int match = sUriMatcher.match(uri);

switch (match) {

case ORDER:

cursor = database.query(OrderContract.OrderEntry.TABLE\_NAME, projection, selection, selectionArgs, null, null, sortOrder);

break;

default:

throw new IllegalArgumentException("CANT QUERY");

}

cursor.setNotificationUri(getContext().getContentResolver(), uri);

return cursor;

}

@Override

public String getType( Uri uri) {

return null;

}

// we will work on this method because in this app we are just inserting the data not updating it for now

@Override

public Uri insert(Uri uri, ContentValues values) {

int match = sUriMatcher.match(uri);

switch (match) {

case ORDER:

return insertCart(uri, values);

default:

throw new IllegalArgumentException("Cant insert data");

}

}

private Uri insertCart(Uri uri, ContentValues values) {

String name = values.getAsString(OrderContract.OrderEntry.COLUMN\_NAME);

if(name == null) {

throw new IllegalArgumentException("Name is Required");

}

String quantity = values.getAsString(OrderContract.OrderEntry.COLUMN\_QUANTITY);

if(quantity == null) {

throw new IllegalArgumentException("quantity is Required");

}

String price = values.getAsString(OrderContract.OrderEntry.COLUMN\_PRICE);

if(price == null) {

throw new IllegalArgumentException("price is Required");

}

// SINCE WE ARE INSERTING DATA IN DATABASE SO NOW WE ARE WRITING ON DATABASE

SQLiteDatabase database = mHelper.getWritableDatabase();

long id = database.insert(OrderContract.OrderEntry.TABLE\_NAME, null, values);

if (id == -1) {

return null;

}

getContext().getContentResolver().notifyChange(uri, null);

return ContentUris.withAppendedId(uri, id);

}

@Override

public int delete( Uri uri, String selection, String[] selectionArgs) {

// we will use this to clear the data once order is made

int rowsDeleted;

SQLiteDatabase database = mHelper.getWritableDatabase();

int match = sUriMatcher.match(uri);

switch (match) {

case ORDER:

rowsDeleted = database.delete(OrderContract.OrderEntry.TABLE\_NAME, selection, selectionArgs);

break;

default:

throw new IllegalArgumentException("Cannot delete");

}

if (rowsDeleted!=0) {

getContext().getContentResolver().notifyChange(uri, null);

}

return rowsDeleted;

}

@Override

public int update( Uri uri, ContentValues values, String selection, String[] selectionArgs) {

return 0;

}

}

1. ***Activity\_about\_coffee.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=".aboutUs"

android:backgroundTint="#825737"

android:background="@drawable/designlogin3"

>

<FrameLayout

android:background="@color/white"

android:id="@+id/fragmentLayout\_Page2"

android:layout\_width="match\_parent"

android:layout\_height="640dp"

android:layout\_marginStart="20dp"

android:layout\_marginTop="20dp"

android:layout\_marginEnd="20dp"

android:layout\_marginBottom="20dp"

android:backgroundTint="@color/white"

app:cardCornerRadius="10dp"

app:cardElevation="10dp" >

</FrameLayout>

</RelativeLayout>

1. ***activity\_about\_us.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=".aboutUs"

android:backgroundTint="#825737"

android:background="@drawable/designlogin3"

>

<FrameLayout

android:background="@color/white"

android:id="@+id/fragmentLayout"

android:layout\_width="match\_parent"

android:layout\_height="640dp"

android:layout\_marginStart="20dp"

android:layout\_marginTop="20dp"

android:layout\_marginEnd="20dp"

android:layout\_marginBottom="20dp"

android:backgroundTint="@color/white"

app:cardCornerRadius="10dp"

app:cardElevation="10dp" >

</FrameLayout>

</RelativeLayout>

***27. activity\_find\_us.xml***

<?xml version="1.0" encoding="utf-8"?>

<fragment xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:map="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/map"

android:name="com.google.android.gms.maps.SupportMapFragment"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".findUs" />

***28. Activity\_info.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"

android:background="#825737"

android:padding="10dp"

tools:context=".infoactivities.InfoActivity">

<androidx.cardview.widget.CardView

android:layout\_width="370dp"

android:id="@+id/firstCardView"

android:layout\_height="320dp"

app:cardCornerRadius="10dp"

app:cardElevation="10dp"

android:layout\_centerHorizontal="true">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_marginTop="10dp"

android:layout\_height="match\_parent">

<ImageView

android:layout\_width="250dp"

android:layout\_height="250dp"

android:layout\_centerHorizontal="true"

android:id="@+id/imageViewInfo"

android:src="@drawable/greentea"/>

<TextView

android:id="@+id/drinkNameinInfo"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/imageViewInfo"

android:layout\_marginStart="10dp"

android:layout\_marginTop="10dp"

android:layout\_marginEnd="10dp"

android:layout\_marginBottom="10dp"

android:text="Drink Name"

android:textColor="#917921"

android:textSize="25sp"

android:textStyle="bold" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="$5 per cup"

android:textColor="#4D4116"

android:id="@+id/coffeePrice"

android:layout\_alignRight="@+id/drinkNameinInfo"

android:layout\_alignParentEnd="true"

android:layout\_marginTop="20dp"

android:layout\_marginRight="60dp"

android:textStyle="bold"

android:textSize="16sp"

android:layout\_below="@+id/imageViewInfo"

android:layout\_alignParentRight="true" />

</RelativeLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

app:cardCornerRadius="10dp"

app:cardElevation="10dp"

android:id="@+id/secondCardView"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="20dp"

android:layout\_below="@+id/firstCardView">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_marginTop="10dp"

android:layout\_height="wrap\_content">

<ImageButton

android:layout\_width="30dp"

android:layout\_height="30dp"

android:layout\_marginLeft="130dp"

android:id="@+id/addquantity"

android:background="@drawable/plus"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="0"

android:textStyle="bold"

android:layout\_marginLeft="20dp"

android:layout\_marginRight="20dp"

android:id="@+id/quantity"

android:textSize="25sp"

android:layout\_toRightOf="@+id/addquantity"/>

<ImageButton

android:layout\_width="30dp"

android:layout\_height="30dp"

android:id="@+id/subquantity"

android:layout\_marginBottom="10dp"

android:layout\_toRightOf="@+id/quantity"

android:background="@drawable/minus"/>

<RadioGroup

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:layout\_centerHorizontal="true"

android:id="@+id/radioGroup"

android:layout\_below="@id/subquantity">

<RadioButton

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Hot"

android:layout\_marginRight="10dp"

android:id="@+id/hotradioButton"/>

<RadioButton

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Iced"

android:id="@+id/coldRadioButton"/>

</RadioGroup>

<CheckBox

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/radioGroup"

android:id="@+id/addToppings"

android:text="Toppings $3"/>

<CheckBox

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/addCream"

android:layout\_below="@+id/addToppings"

android:text="Add Extra Cream $2"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:text="@string/toppings"

android:id="@+id/descriptioninfo"

android:textStyle="italic"

android:textSize="15sp"

android:layout\_below="@+id/addCream"/>

<Button

android:id="@+id/addtocart"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/descriptioninfo"

android:layout\_marginLeft="30dp"

android:layout\_marginRight="30dp"

android:layout\_marginBottom="10dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:text="Add to cart"

android:textSize="15dp"

android:textColor="@color/white"

android:textStyle="bold" />

</RelativeLayout>

</androidx.cardview.widget.CardView>

</RelativeLayout>

***29. Activity\_login.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=".LoginActivity"

android:background="@drawable/designlogin3">

<androidx.cardview.widget.CardView

android:layout\_width="match\_parent"

android:layout\_height="350dp"

android:layout\_centerVertical="true"

android:layout\_margin="10dp"

android:backgroundTint="#825737"

app:cardCornerRadius="10dp"

app:cardElevation="10dp">

<TextView

android:id="@+id/textView"

android:layout\_marginTop="10dp"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:fontFamily="casual"

android:gravity="center\_horizontal"

android:text="SIGN IN"

android:textColor="@color/white"

android:textSize="30sp"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.2" />

<EditText

android:id="@+id/usernameLogin"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="70dp"

android:background="@drawable/edit\_text\_bg"

android:drawableLeft="@drawable/ic\_baseline\_person\_24"

android:drawablePadding="10dp"

android:elevation="3dp"

android:hint="Username"

android:padding="15dp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/textView"

app:layout\_constraintWidth\_percent=".8" />

<EditText

android:id="@+id/passwordLogin"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="130dp"

android:background="@drawable/edit\_text\_bg"

android:drawableLeft="@drawable/ic\_baseline\_vpn\_key\_24"

android:drawablePadding="10dp"

android:elevation="3dp"

android:hint="Password"

android:inputType="numberPassword"

android:padding="15dp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/usernameLogin"

app:layout\_constraintWidth\_percent=".8" />

<Button

android:id="@+id/btnSignIn"

android:layout\_width="150dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="200dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:fontFamily="casual"

android:padding="15dp"

android:text="Sign In"

android:textAllCaps="false"

android:textColor="@color/white"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/passwordLogin"

app:layout\_constraintVertical\_bias=".2"

app:layout\_constraintWidth\_percent=".4" />

<TextView

android:id="@+id/textView2"

android:layout\_width="137dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="260dp"

android:text="Don't have an account?"

android:textColor="@color/white"

android:textSize="13sp"

app:flow\_firstHorizontalBias=".3"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="@+id/passwordLogin"

app:layout\_constraintHorizontal\_bias=".3"

app:layout\_constraintStart\_toStartOf="@+id/passwordLogin"

app:layout\_constraintTop\_toBottomOf="@+id/btnSignIn"

app:layout\_constraintVertical\_bias=".2" />

<Button

android:id="@+id/btnSignUp"

android:layout\_width="80dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="285dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:paddingLeft="-1dp"

android:text="Sign Up"

android:fontFamily="casual"

android:textColor="@color/backgroundColor"

android:textSize="13sp"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="@+id/textView2"

app:layout\_constraintStart\_toEndOf="@+id/textView2"

app:layout\_constraintTop\_toTopOf="@+id/textView2" />

</androidx.cardview.widget.CardView>

</RelativeLayout>

***30. Activity\_main.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.drinksorderapp.MainActivity">

<androidx.recyclerview.widget.RecyclerView

android:id="@+id/recyclerView"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent" />

</RelativeLayout>

***31. Activity\_maps.xml***

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<fragment xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:id="@+id/map"

tools:context=".findUs"

android:name="com.google.android.gms.maps.SupportMapFragment" />

</androidx.constraintlayout.widget.ConstraintLayout>

***32. Activity\_registration.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=".RegistrationActivity"

android:background="@drawable/designlogin3">

<androidx.cardview.widget.CardView

android:layout\_width="match\_parent"

android:layout\_height="500dp"

android:layout\_marginStart="10dp"

android:layout\_marginTop="10dp"

android:layout\_marginEnd="10dp"

android:layout\_marginBottom="10dp"

android:backgroundTint="#825737"

app:cardCornerRadius="10dp"

app:cardElevation="10dp">

<TextView

android:id="@+id/textView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginTop="10dp"

android:fontFamily="casual"

android:gravity="center"

android:text="CREATE ACCOUNT"

android:textColor="@color/textHeading"

android:textSize="30sp"

android:textStyle="bold" />

<EditText

android:id="@+id/username"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="70dp"

android:background="@drawable/edit\_text\_bg"

android:drawableLeft="@drawable/ic\_baseline\_person\_24"

android:drawablePadding="10dp"

android:elevation="3dp"

android:hint="Username"

android:padding="15dp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/textView"

app:layout\_constraintWidth\_percent=".8" />

<EditText

android:id="@+id/password"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="130dp"

android:background="@drawable/edit\_text\_bg"

android:drawableLeft="@drawable/ic\_baseline\_vpn\_key\_24"

android:drawablePadding="10dp"

android:elevation="3dp"

android:hint="Password"

android:inputType="numberPassword"

android:padding="15dp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/username"

app:layout\_constraintWidth\_percent=".8" />

<EditText

android:id="@+id/repassword"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="190dp"

android:background="@drawable/edit\_text\_bg"

android:drawableLeft="@drawable/ic\_baseline\_vpn\_key\_24"

android:drawablePadding="10dp"

android:elevation="3dp"

android:hint="Re-enter Password"

android:inputType="numberPassword"

android:padding="15dp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/password"

app:layout\_constraintWidth\_percent=".8" />

<Button

android:id="@+id/btnSignUp"

android:layout\_width="150dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="260dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:fontFamily="casual"

android:padding="15dp"

android:text="Sign Up"

android:textAllCaps="false"

android:textColor="@color/white"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/repassword"

app:layout\_constraintVertical\_bias=".2"

app:layout\_constraintWidth\_percent=".4" />

<TextView

android:id="@+id/textView2"

android:layout\_width="150dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="350dp"

android:text="Already have an account?"

android:textColor="#FFFFFF"

android:textSize="13sp"

app:flow\_firstHorizontalBias=".3"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="@+id/password"

app:layout\_constraintHorizontal\_bias=".3"

app:layout\_constraintStart\_toStartOf="@+id/password"

app:layout\_constraintTop\_toBottomOf="@+id/btnSignUp"

app:layout\_constraintVertical\_bias=".2" />

<Button

android:id="@+id/btnSignIn"

android:layout\_width="100dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:layout\_marginTop="380dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:fontFamily="casual"

android:paddingLeft="-1dp"

android:text="Sign In"

android:textColor="#FFFFFF"

android:textSize="16sp"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="@+id/textView2"

app:layout\_constraintStart\_toEndOf="@+id/textView2"

app:layout\_constraintTop\_toTopOf="@+id/textView2" />

</androidx.cardview.widget.CardView>

</RelativeLayout>

***33. Activity\_summary.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.drinksorderapp.SummaryActivity"

android:background="@drawable/designlogin3">

<androidx.cardview.widget.CardView

android:layout\_width="match\_parent"

android:layout\_height="500dp"

app:cardCornerRadius="10dp"

app:cardElevation="10dp"

android:layout\_margin="10dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:gravity="center"

android:layout\_marginTop="10dp"

android:textSize="30sp"

android:id="@+id/orderSummary"

android:fontFamily="casual"

android:text="ORDER SUMMARY"/>

<ListView

android:id="@+id/list"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingTop="40dp" />

<Button

android:id="@+id/clearthedatabase"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerVertical="true"

android:layout\_marginLeft="50dp"

android:layout\_marginRight="20dp"

android:layout\_marginBottom="10dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:fontFamily="casual"

android:text="Clear All"

android:textColor="@android:color/white" />

<Button

android:id="@+id/goToIndex"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerVertical="true"

android:layout\_marginLeft="250dp"

android:layout\_marginRight="20dp"

android:layout\_marginBottom="10dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:fontFamily="casual"

android:text="Go Back"

android:onClick="goBackHome"

android:textColor="@android:color/white" />

</RelativeLayout>

</androidx.cardview.widget.CardView>

</RelativeLayout>

***34. Cartlist.xml***

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout

xmlns:android="http://schemas.android.com/apk/res/android"

android:padding="20dp"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/orderSummary"

android:text="Drink Name"

android:textStyle="bold"

android:id="@+id/drinkNameinOrderSummary"

android:layout\_marginLeft="10dp"/>

<TextView

android:id="@+id/quantityinOrderSummary"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/orderSummary"

android:layout\_marginLeft="10dp"

android:layout\_toRightOf="@+id/drinkNameinOrderSummary"

android:text="x"

android:textStyle="bold" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/hasTopping"

android:textStyle="italic"

android:layout\_marginLeft="20dp"

android:layout\_below="@id/drinkNameinOrderSummary"

android:text="has topping"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_toRightOf="@+id/hasTopping"

android:id="@+id/hasCream"

android:textStyle="italic"

android:layout\_marginLeft="20dp"

android:layout\_below="@id/drinkNameinOrderSummary"

android:text="has cream"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentRight="true"

android:text="$10"

android:id="@+id/priceinOrderSummary"

android:layout\_marginRight="10dp"/>

</RelativeLayout>

***35. Fragment\_about\_us\_fragment.xml***

<?xml version="1.0" encoding="utf-8"?>

<FrameLayout 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=".aboutUs\_fragment"

android:id="@+id/fragmentAboutUs">

<!-- *TODO: Update blank fragment layout* -->

<ImageView

android:id="@+id/logo"

android:layout\_width="208dp"

android:layout\_height="208dp"

android:layout\_gravity="center"

android:layout\_marginBottom="200dp"

android:src="@drawable/logo" />

<Button

android:id="@+id/nextFragment"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="180dp"

android:background="@drawable/edit\_text\_bg"

android:backgroundTint="#C58251"

android:fontFamily="casual"

android:text="Next"

android:textColor="@android:color/white" />

<TextView

android:id="@+id/aboutUs\_header"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginBottom="50dp"

android:textSize="28dp"

android:textColor="#825737"

android:fontFamily="casual"

android:text="@string/app\_name"

android:textStyle="bold|italic" />

<TextView

android:id="@+id/textView4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:textAlignment="center"

android:textSize="19dp"

android:text="Welcome to Java's Cafe." />

<TextView

android:id="@+id/textView5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="60dp"

android:textSize="19dp"

android:textAlignment="center"

android:text="Java's Cafe will be a coffee house/restaurant located in the Kaplan Pomo Center. " />

</FrameLayout>

***36. Listitem.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:orientation="vertical"

android:background="#825737"

android:layout\_height="wrap\_content"

tools:context="com.example.drinksorderapp.MainActivity">

<androidx.cardview.widget.CardView

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:layout\_marginLeft="11dp"

android:layout\_marginRight="11dp"

android:layout\_marginTop="7dp"

android:layout\_marginBottom="7dp"

app:cardElevation="10dp"

app:cardCornerRadius="10dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content">

<ImageView

android:layout\_width="88dp"

android:layout\_height="88dp"

android:id="@+id/coffeeImage"

android:layout\_marginTop="4dp"

android:src="@drawable/greentea"/>

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

tools:text=""

android:textSize="12sp"

android:layout\_marginRight="12dp"

android:layout\_below="@+id/coffeeName"

android:layout\_marginLeft="12dp"

android:id="@+id/description"

android:layout\_toRightOf="@+id/coffeeImage"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginLeft="12dp"

android:layout\_marginTop="5dp"

android:id="@+id/coffeeName"

android:textStyle="italic"

android:textSize="26sp"

android:layout\_toRightOf="@+id/coffeeImage"

tools:text="Green Tea"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/description"

android:layout\_toRightOf="@+id/coffeeImage"

android:id="@+id/clickheretoorder"

android:layout\_marginLeft="12dp"

android:layout\_marginTop="4dp"

tools:text="Click to Order"/>

</RelativeLayout>

</androidx.cardview.widget.CardView>

</LinearLayout>

***37. Toolbar\_title\_layout.xml***

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_height="wrap\_content"

xmlns:app="http://schemas.android.com/apk/res-auto"

android:orientation="horizontal"

android:gravity="center"

android:layout\_width="match\_parent">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:fontFamily="casual"

android:text="@string/app\_name"

android:textSize="18sp"

android:textStyle="bold|italic"

android:textColor="@color/white" />

<androidx.appcompat.widget.Toolbar

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/toolbar"

>

</androidx.appcompat.widget.Toolbar>

</LinearLayout>

***38. Menu.xml***

<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto">

<item

android:title="Sign Out"

android:id="@+id/signOut"

android:icon="@drawable/ic\_baseline\_loginout"

app:showAsAction="always"

/>

<item

android:title="My Cart"

android:id="@+id/myCart"

android:icon="@drawable/menu\_shopping"

app:showAsAction="always"

/>

<item

android:title="findUs"

android:id="@+id/findUs"

android:icon="@drawable/ic\_baseline\_map"

app:showAsAction="always"

/>

**</menu>**

***39. Colors.xml***

<?xml version="1.0" encoding="utf-8"?>

<resources>

<color name="colorPrimary">#825737</color>

<color name="colorPrimaryDark">#47301F</color>

<color name="colorAccent">#03DAC5</color>

<color name="purple\_200">#FFBB86FC</color>

<color name="purple\_500">#FF6200EE</color>

<color name="purple\_700">#FF3700B3</color>

<color name="teal\_200">#FF03DAC5</color>

<color name="teal\_700">#FF018786</color>

<color name="black">#FF000000</color>

<color name="white">#FFFFFFFF</color>

<color name="pink">#ff5ccb</color>

<color name="blue">#00f0ff</color>

<color name="backgroundColor">#FFFCFC</color>

<color name="textHeading">#FFFFFF</color>

</resources>

***40. Stringx.xml***

<resources>

<string name="app\_name">Java\'s Cafe</string>

<string name="toppings">To order with toppings, please select toppings first before increasing the quantity. Thank you!</string>

<string name="greentea">Green Tea. Blended with mint,

lemongrass and lemon verbena, then sweetened just right and given a good shake with ice, so-refreshing!</string>

<string name="latte">A neat twist that can be done with any of the new Teavana teas is called a tea latte.

Basically, a tea latte is equal parts hot tea and steamed milk. </string>

<string name="orangesmoothie">Starbucks Orange Mango Smoothie. A nourishing blend of natural orange mango juice,

a whole banana, milk, whey protein, and fiber powder and ice.</string>

<string name="orangevanilla">Vanilla Bean Crème Frappuccino® Blended Beverage. This rich and creamy blend of vanilla bean, milk and ice topped with

whipped cream takes va-va-vanilla flavor to another level.</string>

<string name="cappcuni">By Starbucks definition, a cappuccino is mostly milk foam, which weighs a lot less than milk. ... More specifically, a

cappuccino is made up of shots of espresso, half steamed milk (2% by default,) </string>

<string name="thaitea">Thai Milk Tea is is made from strongly-brewed black tea, often spiced with ingredients such as star anise,

crushed tamarind, cardamom</string>

<string name="tea">Right next to water, tea is hailed as the most consumed drink in the world. Every single drop of tea

comes from the same type of plant</string>

<string name="bubbletea">Bubble Tea is the name given to the wide variety of refreshing flavoured

fruit teas and milk teas served ice cold or piping hot with chewy

tapioca balls that you suck up through a big fat straw! .</string>

<string name="match">Smooth and creamy matcha sweetened just right and served with steamed milk. This

favorite will transport your senses to pure green delight. </string>

<string name="title\_activity\_find\_us">findUs</string>

<!-- TODO: Remove or change this placeholder text -->

<string name="hello\_blank\_fragment">Hello blank fragment</string>

</resources>

***41. Styles.xml***

<resources>

<!-- Base application theme. -->

<style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">

<!-- Customize your theme here. -->

<item name="colorPrimary">@color/colorPrimary</item>

<item name="colorPrimaryDark">@color/colorPrimaryDark</item>

<item name="colorAccent">@color/colorAccent</item>

<item name="actionBarStyle">@style/MyActionBar</item>

</style>

<style name="MyActionBar" parent="@style/Widget.AppCompat.ActionBar">

<item name="background">@color/colorPrimary</item>

<item name="android:titleTextStyle">@style/ActionBarTitle</item>

<item name="titleTextStyle">@style/ActionBarTitle</item>

</style>

<style name="ActionBarTitle" parent="@style/TextAppearance.AppCompat.Widget.ActionBar.Title">

<item name="android:textColor">#FFFFFF</item>

<item name="android:textStyle">italic|bold</item>

<item name="android:fontFamily">sans-serif-medium</item>

<item name="android:textSize">23dp</item>

</style>

</resources>