Faculty of engineering,

CESS,
Ain Shams University

CSE431: Mobile Programming

Major Task(Milestone 1)

"Wagba ASU"

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Contents

Links:

Video Demo:

[18P3067 CSE431 Mobile Programming Milestone 1 Demo Video](#)

Github Repository Link:

https://github.com/omarmasoud/Wagba-ASU

XML Files:

Main Activity:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">


    <fragment
        android:id="@+id/fragmentcontainer"
        android:name="com.example.wagba.GeneralScreens.LandingScreen"
        android:layout_width="0dp"
        android:layout_height="match_parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
    />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Landing Screen:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:background="@drawable/wagba"
    android:layout_height="match_parent"
    tools:context=".GeneralScreens.LandingScreen"
    >

    <!-- TODO: Update blank fragment layout -->


</androidx.constraintlayout.widget.ConstraintLayout>
```

Login Screen:

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

<androidx.constraintlayout.widget.ConstraintLayout
```

```xml
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/signin_layout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/oriental_food"
    tools:context=".AuthenticationScreens.LoginScreen">

<com.google.android.material.card.MaterialCardView
    android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        app:cardBackgroundColor="@color/white"
        app:strokeColor="@color/cardborders"
        app:strokeWidth="3dp"
        android:outlineAmbientShadowColor="@color/cardshadow"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp"
        app:cardMaxElevation="20dp"
        app:cardPreventCornerOverlap="true"
        app:cardUseCompatPadding="true"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <LinearLayout
            android:id="@+id/payment_inner_linearlayout"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:orientation="vertical"
            tools:context=".AuthenticationScreens.LoginScreen"
            tools:ignore="MissingClass">

            <TextView
                android:id="@+id/textView"
                style="@style/textviews"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="@string/LoginText"
                android:layout_gravity="center"

                />

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

                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:background="@drawable/edit_text_bg"
                style="@style/edittexts"
                android:drawableLeft="@drawable/emailicon"
                android:hint="@string/emailhint"
                android:inputType="textEmailAddress" />
```

```xml
            <EditText
                android:id="@+id/password"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                style="@style/edittexts"
                android:background="@drawable/edit_text_bg"
                android:drawableLeft="@drawable/passwordicon"
                android:hint="@string/passwordhint"
                android:inputType="textPassword" />

            <Button
                android:id="@+id/login_btn"
                style="@style/buttons"
                android:layout_width="109dp"
                android:layout_height="63dp"
                android:text="@string/login"
                />

            <Button
                android:id="@+id/sign_up_btn"
                style="@style/buttons"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="@string/signup" />
        </LinearLayout>
</com.google.android.material.card.MaterialCardView>


</androidx.constraintlayout.widget.ConstraintLayout>
```

Signup Screen:

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

<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/signup_layout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/oriental_food"
    tools:context=".AuthenticationScreens.LoginScreen">

    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        app:cardBackgroundColor="@color/white"

        app:cardCornerRadius="20dp"
        app:cardElevation="10dp"
        app:cardMaxElevation="20dp"
```

```xml
        app:cardPreventCornerOverlap="true"
        app:cardUseCompatPadding="true"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

    <LinearLayout
        android:id="@+id/payment_inner_linearlayout"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        tools:context=".AuthenticationScreens.LoginScreen"
        tools:ignore="MissingClass">

        <TextView
            android:id="@+id/textView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/SignupText"
            android:layout_gravity="center"
            style="@style/textviews"

            />
        <EditText
            android:id="@+id/edittextfirstname"

            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:background="@drawable/edit_text_bg"
            style="@style/edittexts"
            android:hint="@string/firstnamehint"
            android:inputType="text" />
        <EditText
            android:id="@+id/edittextlastname"

            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:background="@drawable/edit_text_bg"
            style="@style/edittexts"
            android:hint="@string/lastnamehint"
            android:inputType="text" />

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

            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:background="@drawable/edit_text_bg"
            style="@style/edittexts"
            android:hint="@string/emailhint"
            android:inputType="textEmailAddress" />

        <EditText
            android:id="@+id/card_expiry_date_edittext"
```

```xml
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            style="@style/edittexts"
            android:background="@drawable/edit_text_bg"

            android:hint="@string/passwordhint"
            android:inputType="textPassword" />
        <EditText
            android:id="@+id/editTextTextreenterPassword"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            style="@style/edittexts"
            android:background="@drawable/edit_text_bg"

            android:hint="@string/reenterpasswordhint"
            android:inputType="textPassword" />



        <Button
            android:id="@+id/button2"
            style="@style/buttons"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/signup" />
    </LinearLayout>
    </androidx.cardview.widget.CardView>


</androidx.constraintlayout.widget.ConstraintLayout>
```

Restaurant Item:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="0dp"
    android:padding="10dp"
    android:id="@+id/restaurant_item_layout"
    >

    <com.google.android.material.card.MaterialCardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

        android:elevation="30dp"
        android:backgroundTint="@color/cardfilling"
        android:outlineAmbientShadowColor="@color/shadowbg"
        android:outlineSpotShadowColor="@color/shadowbg"
        app:cardCornerRadius="20dp"
```

```xml
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:strokeColor="@color/cardborders"
        app:strokeWidth="3dp">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/menu_card_layout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        android:layout_marginStart="20dp"
        android:layout_marginEnd="20dp"
        >

        <androidx.cardview.widget.CardView
            android:id="@+id/restaurant_item_imagecard"
            android:layout_width="150dp"
            android:layout_height="150dp"
            android:maxWidth="150dp"
            android:maxHeight="150dp"
            android:layout_centerHorizontal="true"
            app:cardCornerRadius="100dp"
            app:layout_constraintBottom_toTopOf="@+id/restaurant_rating"
            app:layout_constraintEnd_toStartOf="@+id/item_name"
            app:layout_constraintStart_toStartOf="@+id/menu_card_layout"
            app:layout_constraintTop_toTopOf="@+id/menu_card_layout"
            android:layout_marginStart="15dp"
            android:layout_margin="10dp"
            >

            <ImageView
                android:id="@+id/restaurant_image"
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:scaleType="centerCrop"
                android:src="@drawable/wagba" />
        </androidx.cardview.widget.CardView>

        <TextView
            android:id="@+id/restaurant_name"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="20dp"
            style="@style/textviews"

            android:text="@string/restaurant_name"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintStart_toEndOf="@id/restaurant_item_imagecard"
            android:textSize="22dp"
```

```xml
                    app:layout_constraintEnd_toEndOf="parent" />
            <TextView
                android:id="@+id/restaurant_location"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_margin="20dp"
                style="@style/textviews"

                android:text="@string/restaurant_location_hint"
                app:layout_constraintTop_toBottomOf="@id/restaurant_name"
                app:layout_constraintStart_toEndOf="@id/restaurant_item_imagecard"
                app:layout_constraintBottom_toBottomOf="parent"
                android:textColor="@color/shadowbg"
                android:textSize="14dp"

                app:layout_constraintEnd_toEndOf="parent" />
            <RatingBar
                android:layout_width="wrap_content"
                android:layout_height="50dp"
                android:id="@+id/restaurant_rating"
                app:layout_constraintTop_toBottomOf="@id/restaurant_item_imagecard"
                app:layout_constraintEnd_toEndOf="parent"
                android:layout_marginRight="120dp"
                app:layout_constraintStart_toStartOf="parent"
                app:layout_constraintBottom_toBottomOf="parent"
                android:numStars="4"
                android:stepSize="0.2"
                android:clickable="false"
                android:isIndicator="true"
                />
        </androidx.constraintlayout.widget.ConstraintLayout>


    </com.google.android.material.card.MaterialCardView>

</androidx.constraintlayout.widget.ConstraintLayout>
```

Restaurants Screen:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.coordinatorlayout.widget.CoordinatorLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_height="wrap_content"
    android:layout_width="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:orientation="vertical"
    android:layout_gravity="center"
    android:background="@color/recycler_background"
    >
    <com.google.android.material.appbar.AppBarLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:fitsSystemWindows="true">
```

```xml
        <androidx.appcompat.widget.Toolbar
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            app:layout_scrollFlags="scroll|enterAlways|snap">

            <SearchView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"/>
        </androidx.appcompat.widget.Toolbar>
    </com.google.android.material.appbar.AppBarLayout>


        <androidx.recyclerview.widget.RecyclerView
            android:id="@+id/restaurants_recycler"
            android:layout_width="match_parent"
            android:layout_gravity="center"
            android:layout_height="wrap_content"

app:layout_behavior="com.google.android.material.appbar.AppBarLayout$ScrollingViewBeh
avior"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            tools:listitem="@layout/restaurant_item"

            tools:itemCount="10"
            />



</androidx.coordinatorlayout.widget.CoordinatorLayout>
```

Menu Item:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:id="@+id/menu_item_layout"
    >

    <com.google.android.material.card.MaterialCardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

        android:elevation="20dp"
```

```xml
        android:backgroundTint="@color/cardfilling"

        android:outlineAmbientShadowColor="@color/cardshadow"
        app:cardCornerRadius="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:strokeColor="@color/cardborders"
        app:strokeWidth="3dp">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/menu_card_layout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <androidx.cardview.widget.CardView
            android:id="@+id/menu_item_imagecard"
            android:layout_width="150dp"
            android:layout_height="150dp"
            android:layout_centerHorizontal="true"
            app:cardCornerRadius="100dp"
            android:layout_margin="5dp"
            app:layout_constraintBottom_toBottomOf="@+id/menu_card_layout"
            app:layout_constraintEnd_toStartOf="@+id/item_name"
            app:layout_constraintStart_toStartOf="@+id/menu_card_layout"
            app:layout_constraintTop_toTopOf="@+id/menu_card_layout"
            >
            <ImageView
                android:id="@+id/item_image"
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:scaleType="centerCrop"
                android:src="@drawable/wagba" />
        </androidx.cardview.widget.CardView>

        <TextView
            android:id="@+id/item_name"
            android:layout_width="160dp"
            android:layout_height="wrap_content"
            android:layout_margin="20dp"
            style="@style/textviews"
            android:text="@string/dish_name"
            android:gravity="center"
            app:layout_constraintTop_toTopOf="parent"
            android:textSize="24dp"

            app:layout_constraintEnd_toEndOf="parent" />
        <TextView
            android:id="@+id/item_price"
            android:layout_width="160dp"
```

```xml
            android:layout_height="wrap_content"
            android:layout_margin="20dp"
            style="@style/textviews"
            android:text="@string/item_price"
            android:gravity="center"
            app:layout_constraintTop_toBottomOf="@id/item_name"
            app:layout_constraintBottom_toTopOf="@id/item_rating"
            android:textSize="18dp"
            android:textColor="@color/shadowbg"
            app:layout_constraintEnd_toEndOf="parent" />
    <RatingBar
            android:layout_width="wrap_content"
            android:layout_height="50dp"
            android:id="@+id/item_rating"
            app:layout_constraintTop_toBottomOf="@id/item_price"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toEndOf="@id/menu_item_imagecard"
            app:layout_constraintBottom_toTopOf="@id/items_add_remove_layout"
            android:numStars="4"
            android:stepSize="0.2"
            android:clickable="false"
            android:isIndicator="true"
            />
    <LinearLayout
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toEndOf="@id/menu_item_imagecard"
            android:orientation="horizontal"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/items_add_remove_layout"
            android:layout_marginBottom="10dp">
        <Button
            android:id="@+id/increment"
            style="@style/incrementdecrementbutton"
            android:background="@drawable/rounded_buttons_green"
            android:text="@string/incrementtext"/>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginHorizontal="20dp"
            android:id="@+id/item_count"
            android:text="1"
            />
        <Button
            android:id="@+id/decrement"
            style="@style/incrementdecrementbutton"
            android:background="@drawable/rounded_buttons_red"
            android:text="@string/decrementtext"
            />

    </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
        </com.google.android.material.card.MaterialCardView>

</androidx.constraintlayout.widget.ConstraintLayout>
```

Menu Screen:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:orientation="vertical"
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_gravity="center">
<androidx.coordinatorlayout.widget.CoordinatorLayout
android:layout_height="wrap_content"
    android:layout_width="match_parent"
    xmlns:tools="http://schemas.android.com/tools"
    android:orientation="vertical"
    android:layout_gravity="center"
    android:id="@+id/coordinator"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintBottom_toTopOf="@id/gotocart"
    android:background="@color/recycler_background"
    >
    <com.google.android.material.appbar.AppBarLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:fitsSystemWindows="true">

        <androidx.appcompat.widget.Toolbar
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            app:layout_scrollFlags="scroll|enterAlways|snap">

            <SearchView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"/>
        </androidx.appcompat.widget.Toolbar>
    </com.google.android.material.appbar.AppBarLayout>


    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/menu_recycler"
        android:layout_width="match_parent"
        android:layout_gravity="center"
        android:layout_height="wrap_content"

app:layout_behavior="com.google.android.material.appbar.AppBarLayout$ScrollingViewBeh
avior"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
```

```
            tools:listitem="@layout/menu_item"

            tools:itemCount="3"
            />
        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            />



</androidx.coordinatorlayout.widget.CoordinatorLayout>
<Button
        app:layout_constraintBottom_toBottomOf="parent"
        android:layout_marginBottom="10dp"
        android:layout_width="match_parent"
        android:id="@+id/gotocart"
        android:layout_height="wrap_content"
        android:textSize="30dp"
        android:fontFamily="@font/lobstertwo_bold"
        android:text="@string/go_to_cart"
        />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Cart Item:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:id="@+id/cart_item_layout"
    >

    <com.google.android.material.card.MaterialCardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

        android:elevation="20dp"
        android:backgroundTint="@color/cardfilling"

        android:outlineAmbientShadowColor="@color/cardshadow"
        app:cardCornerRadius="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:strokeColor="@color/cardborders"
        app:strokeWidth="3dp">

        <androidx.constraintlayout.widget.ConstraintLayout
```

```xml
    android:id="@+id/cart_card_layout"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent">

    <androidx.cardview.widget.CardView
        android:id="@+id/cart_item_imagecard"
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:layout_centerHorizontal="true"
        app:cardCornerRadius="100dp"
        android:layout_margin="5dp"
        app:layout_constraintBottom_toBottomOf="@+id/cart_card_layout"
        app:layout_constraintEnd_toStartOf="@+id/item_name"
        app:layout_constraintStart_toStartOf="@+id/cart_card_layout"
        app:layout_constraintTop_toTopOf="@+id/cart_card_layout"
        >
        <ImageView
            android:id="@+id/item_image"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:scaleType="centerCrop"
            android:src="@drawable/wagba" />
    </androidx.cardview.widget.CardView>

    <TextView
        android:id="@+id/item_name"
        android:layout_width="160dp"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        style="@style/textviews"
        android:text="@string/dish_name"
        android:gravity="center"
        app:layout_constraintTop_toTopOf="parent"
        android:textSize="24dp"

        app:layout_constraintEnd_toEndOf="parent" />

    <TextView
        android:id="@+id/item_price"
        style="@style/textviews"
        android:layout_width="160dp"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:gravity="center"
        android:text="@string/item_price"
        android:textColor="@color/shadowbg"
        android:textSize="18dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintTop_toBottomOf="@id/item_name" />

    <LinearLayout
```

```xml
                app:layout_constraintBottom_toBottomOf="parent"
                app:layout_constraintEnd_toEndOf="parent"
                app:layout_constraintStart_toEndOf="@id/cart_item_imagecard"
                android:orientation="horizontal"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:id="@+id/items_add_remove_layout"
                android:layout_marginBottom="10dp">
                <Button
                    android:id="@+id/increment"
                    style="@style/incrementdecrementbutton"
                    android:background="@drawable/rounded_buttons_green"
                    android:text="@string/incrementtext"/>
                <TextView
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:layout_marginHorizontal="20dp"
                    android:id="@+id/item_count"
                    android:text="1"
                    />
                <Button
                    android:id="@+id/decrement"
                    style="@style/incrementdecrementbutton"
                    android:background="@drawable/rounded_buttons_red"
                    android:text="@string/decrementtext"
                    />

            </LinearLayout>
        </androidx.constraintlayout.widget.ConstraintLayout>


    </com.google.android.material.card.MaterialCardView>

</androidx.constraintlayout.widget.ConstraintLayout>
```

Cart Screen:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_height="wrap_content"
    android:layout_width="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:orientation="vertical"
    android:layout_gravity="center"
    android:background="@color/recycler_background"
    >



    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/cart_recycler"
        android:layout_width="match_parent"
```

```
        android:layout_gravity="center"
        android:layout_height="wrap_content"

app:layout_behavior="com.google.android.material.appbar.AppBarLayout$ScrollingViewBeh
avior"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintBottom_toTopOf="@id/gotopayment"
        tools:listitem="@layout/cart_item"

        tools:itemCount="4"
        />
<Button
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    android:text="@string/checkout"
    android:textSize="30dp"
    style="@style/buttons"
    android:id="@+id/gotopayment"
    android:fontFamily="@font/lobstertwo_bold"
    android:layout_marginBottom="30dp"
    />


</androidx.constraintlayout.widget.ConstraintLayout>
```

Payment Screen:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/frameLayout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".GeneralScreens.PaymentScreen"
    android:background="@color/shadowbg">

    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:id="@+id/duetag"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="20dp"
        android:layout_marginTop="50dp"
        android:text="@string/duetag"
        android:textSize="30dp"
        android:fontFamily="@font/lobstertwo_bold"
```

```xml
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintBottom_toTopOf="@id/deliveryorpickup"/>

    <TextView
        android:id="@+id/dueamount"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="50dp"
        android:layout_marginEnd="200dp"
        android:fontFamily="@font/lobstertwo_italic"
        android:text="@string/dueamount"
        app:layout_constraintEnd_toEndOf="parent"
        android:layout_marginStart="10dp"
        android:textSize="20dp"
        app:layout_constraintStart_toEndOf="@id/duetag"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintBottom_toTopOf="@id/deliveryorpickup"/>


    <RadioGroup
        android:id="@+id/deliveryorpickup"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/duetag">

        <RadioButton
            android:id="@+id/pickup"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:gravity="center"

            android:text="self pickup" />

        <RadioButton
            android:id="@+id/delivery"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:checked="true"
            android:gravity="center"
            android:text="Delivery" />
    </RadioGroup>

    <RadioGroup
        android:id="@+id/cashorcredit"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/deliveryorpickup">
```

```xml
        <RadioButton
            android:id="@+id/credit"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:checked="true"
            android:gravity="center"
            android:text="CreditCard" />

        <RadioButton
            android:id="@+id/Cash"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:gravity="center"
            android:text="Cash" />

    </RadioGroup>

    <LinearLayout
        android:id="@id/creditcardinfocardview"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="@id/cashorcredit"
        >

        <com.google.android.material.card.MaterialCardView
            android:id="@+id/payment_card_holder"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="10dp"
            android:backgroundTint="@color/recycler_background"
            android:outlineAmbientShadowColor="@color/cardshadow"
            app:cardCornerRadius="20dp"
            app:cardElevation="10dp"
            app:cardMaxElevation="20dp"
            app:cardPreventCornerOverlap="true"
            app:cardUseCompatPadding="true"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:strokeColor="@color/cardborders"
            app:strokeWidth="3dp">

            <LinearLayout
                android:id="@+id/payment_inner_linearlayout"
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:orientation="vertical"
                tools:context=".AuthenticationScreens.LoginScreen"
                tools:ignore="MissingClass">
```

```xml
<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:text="@string/creditcardinfotextview"
    style="@style/textviews"

    />

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

    style="@style/edittexts"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@drawable/edit_text_bg"
    android:drawableLeft="@drawable/passwordicon"
    android:hint="@string/cardnumber"
    android:inputType="number" />


<EditText
    android:id="@+id/card_expiry_date_edittext"
    style="@style/edittexts"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@drawable/edit_text_bg"
    android:drawableLeft="@drawable/calendar_icon"
    android:hint="@string/expirydate"
    android:inputType="date" />

<EditText
    android:id="@+id/ccv"
    style="@style/edittexts"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@drawable/edit_text_bg"
    android:drawableLeft="@drawable/ccv_icon"
    android:hint="@string/ccv"
    android:inputType="number" />

<EditText
    android:id="@+id/cardholdername"
    style="@style/edittexts"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@drawable/edit_text_bg"
    android:drawableLeft="@drawable/emailicon"
    android:hint="@string/cardholdername"
    android:inputType="text" />

<Button
    android:id="@+id/Save_button"
    style="@style/buttons"
```

```xml
                android:layout_width="109dp"
                android:layout_height="63dp"
                android:text="@string/save" />


        </LinearLayout>
    </com.google.android.material.card.MaterialCardView>
</LinearLayout>

<Button
    style="@style/buttons"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    app:layout_constraintTop_toBottomOf="@+id/creditcardinfocardview"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintBottom_toBottomOf="parent"
    android:layout_marginBottom="60dp"
    android:fontFamily="@font/lobstertwo_bold"
    android:text="@string/proceed"
    />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Xml Resources Files:

Strings:

```xml
<resources>
    <string name="app_name">Wagba</string>
    <!-- TODO: Remove or change this placeholder text -->
    <string name="hello_blank_fragment">Hello blank fragment</string>
    <string name="LoginText">Login with your Credentials please</string>
    <string name="SignupText">Enter Your Data to Sign Up</string>
    <string name="login">Login</string>
    <string name="signup">Sign Up</string>
    <string name="emailhint">within ENG ASU domain</string>
    <string name="passwordhint">contain at least a number</string>
    <string name="firstnamehint">First Name</string>
    <string name="lastnamehint">Last Name</string>
    <string name="reenterpasswordhint">Re-enter your password</string>
    <string name="incrementtext">+</string>
    <string name="decrementtext">-</string>
    <string name="duetag">Due Amount:</string>
    <string name="dueamount">40 LE</string>
    <string name="cardnumber">Credit Card Number</string>
    <string name="expirydate">Expiry Date</string>
    <string name="ccv">CCV</string>
    <string name="cardholdername">CardHolder Name</string>
    <string name="save">Save</string>
    <string name="creditcardinfotextview">Enter your Payment card info
please</string>
    <string name="restaurant_name">Restaurant name</string>
    <string name="dish_name">Dish name</string>
    <string name="restaurant_location_hint">Restaurant Location hint</string>
```

```xml
    <string name="item_price">Price:30 LE</string>
    <string name="checkout">Checkout</string>
    <string name="go_to_cart">go to cart</string>
    <string name="proceed">Proceed</string>
</resources>
```

Themes:
```xml
<resources xmlns:tools="http://schemas.android.com/tools">
    <!-- Base application theme. -->
    <style name="Theme.Wagba"
parent="Theme.MaterialComponents.DayNight.DarkActionBar">
        <!-- Primary brand color. -->
        <item name="colorPrimary">@color/ringcolor</item>
        <item name="colorPrimaryVariant">@color/cardshadow</item>
        <item name="colorOnPrimary">@color/white</item>
        <!-- Secondary brand color. -->
        <item name="colorSecondary">@color/teal_200</item>
        <item name="colorSecondaryVariant">@color/teal_700</item>
        <item name="colorOnSecondary">@color/black</item>
        <!-- Status bar color. -->
        <item name="android:statusBarColor"
tools:targetApi="l">?attr/colorPrimaryVariant</item>
        <!-- Customize your theme here. -->
    </style>

    <style name="edittexts">
        <item name="background">@drawable/edit_text_bg</item>
        <item name="android:layout_margin">20dp</item>
        <item name="android:layout_gravity">center</item>
        <item name="android:width">1000dp</item>
    </style>

    <style name="buttons">
        <item name="android:layout_margin">20dp</item>
        <item name="android:layout_gravity">center</item>
    </style>

    <style name="incrementdecrementbutton">
        <item name="android:layout_width">40dp</item>
        <item name="android:layout_height">40dp</item>
    </style>
    <style name="textviews">
        <item name="android:layout_marginTop">20dp</item>
        <item name="android:textSize">20dp</item>
        <item name="fontFamily">@font/lobstertwo_bold</item>
    </style>

</resources>
```
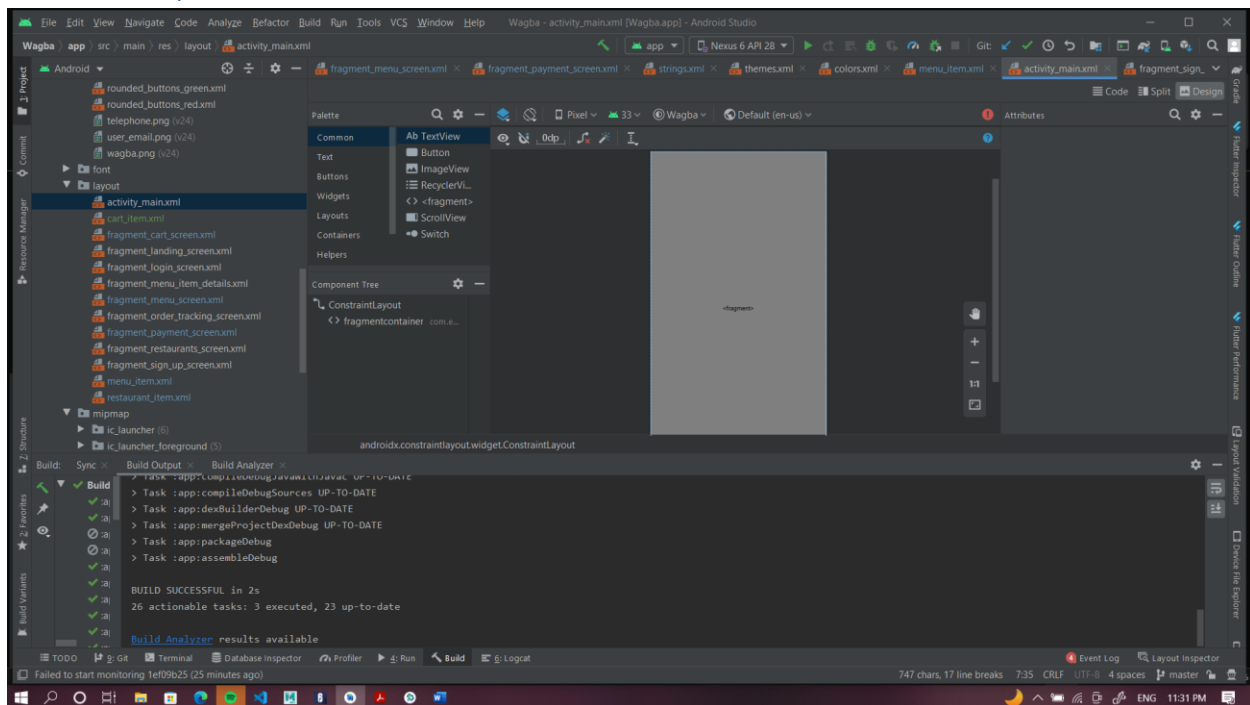
Colors:
```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="purple_200">#FFBB86FC</color>
    <color name="purple_500">#FF6200EE</color>
    <color name="purple_700">#FF3700B3</color>
    <color name="teal_200">#FF03DAC5</color>
```

```
    <color name="teal_700">#FF018786</color>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
    <color name="cardshadow">#f7a960</color>
    <color name="cardfilling">#e0fac1</color>
    <color name="cardborders">#f7e5ce</color>
    <color name="edittextborders">#f3cfb4</color>
    <color name="ringcolor">#e28743</color>
    <color name="greenadd">#2ded1b</color>
    <color name="redremove">#ed1b1b</color>
    <color name="recycler_background">#f8f4c0    </color>
    <color name="shadowbg">#b0b0b0</color>

</resources>
```
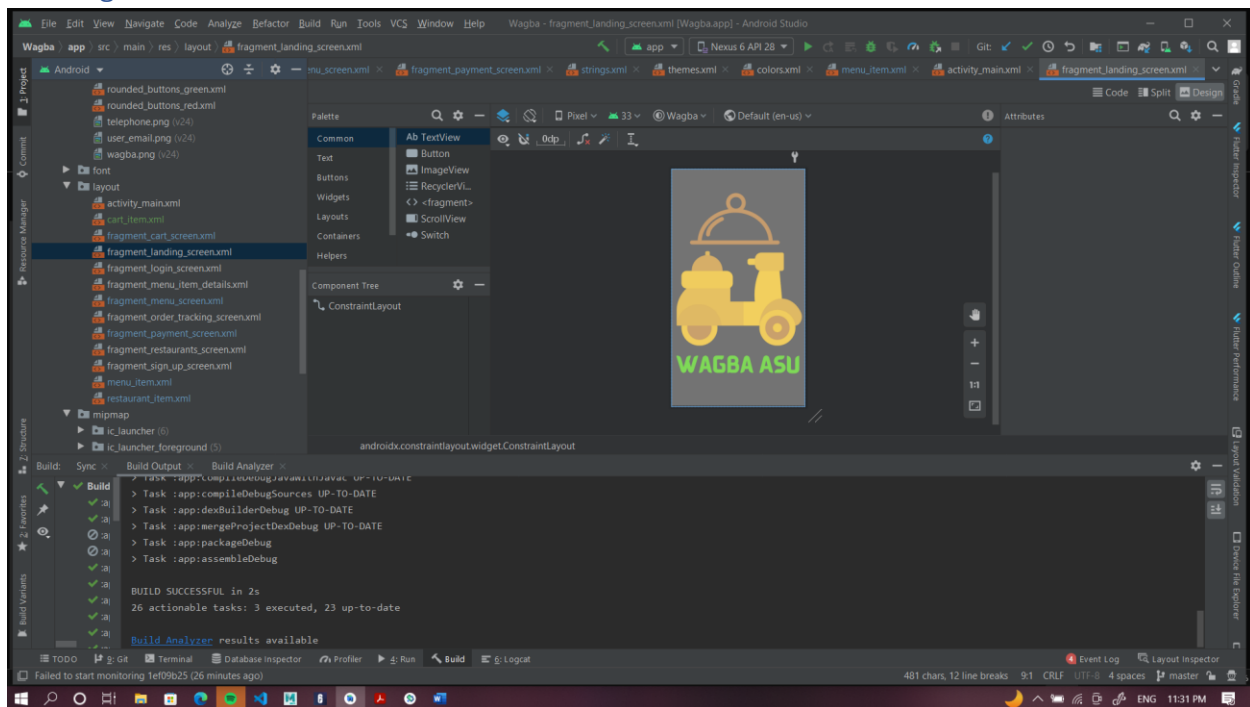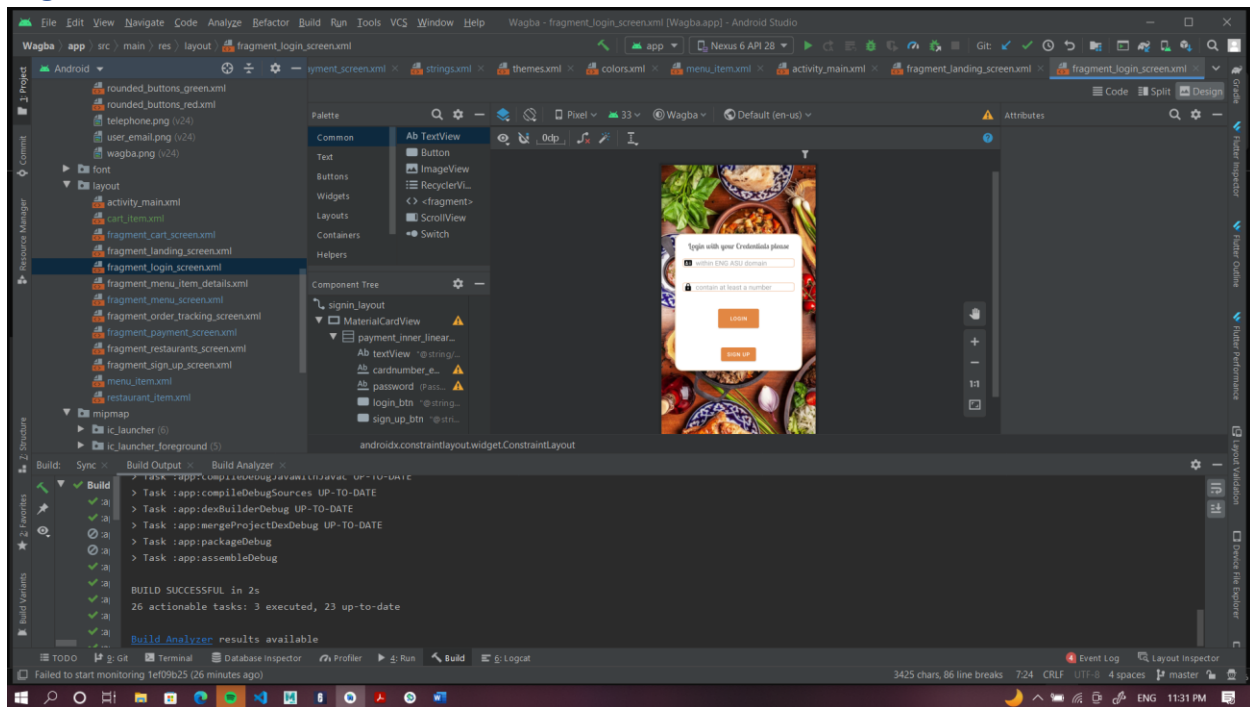
Screenshots:

Main Activity:

Landing Screen:
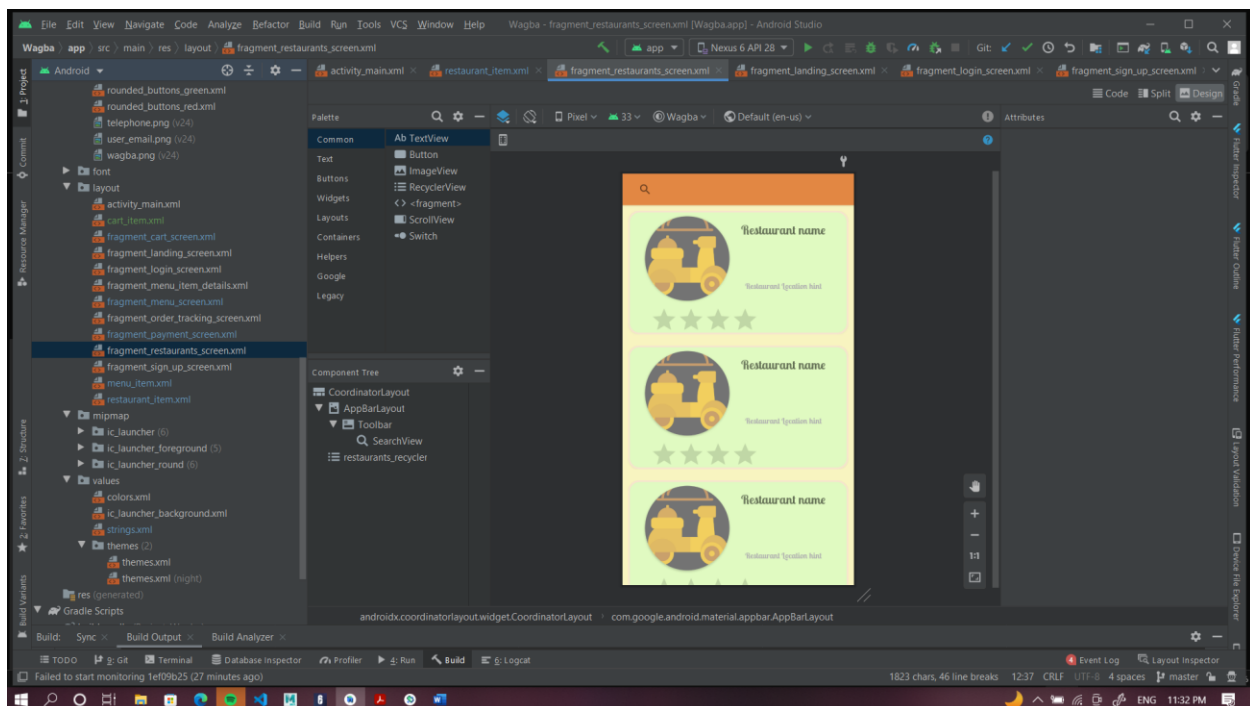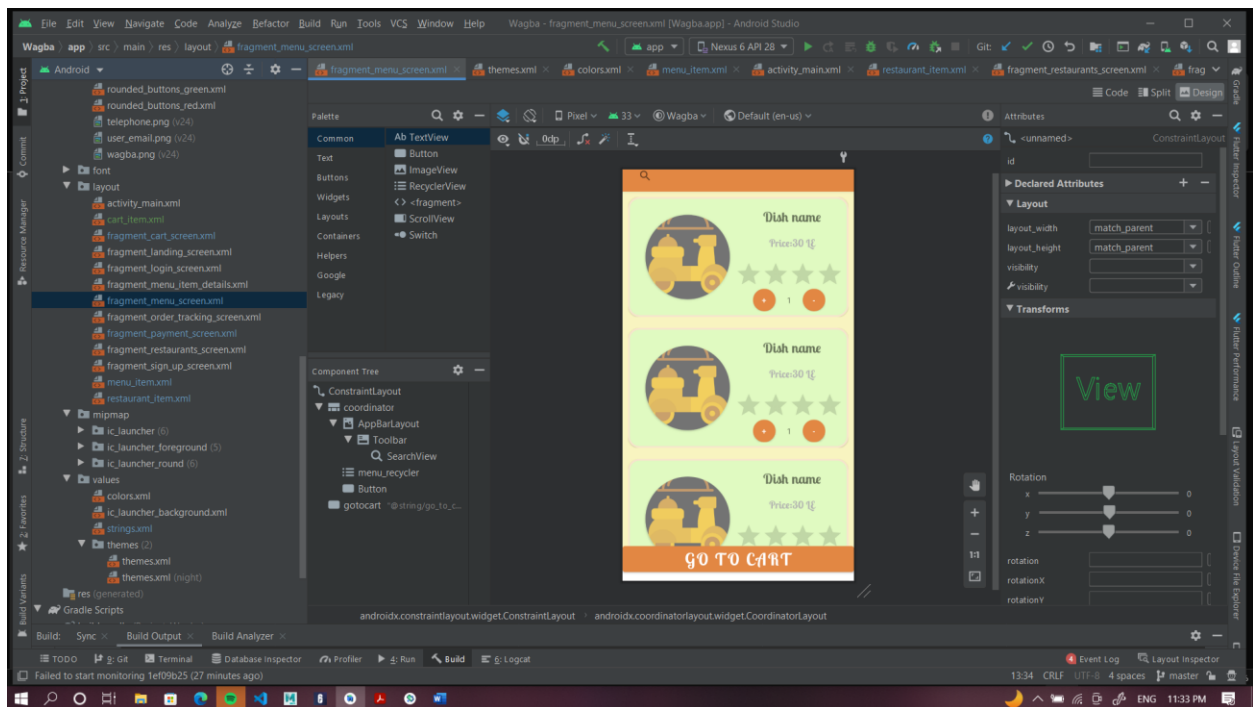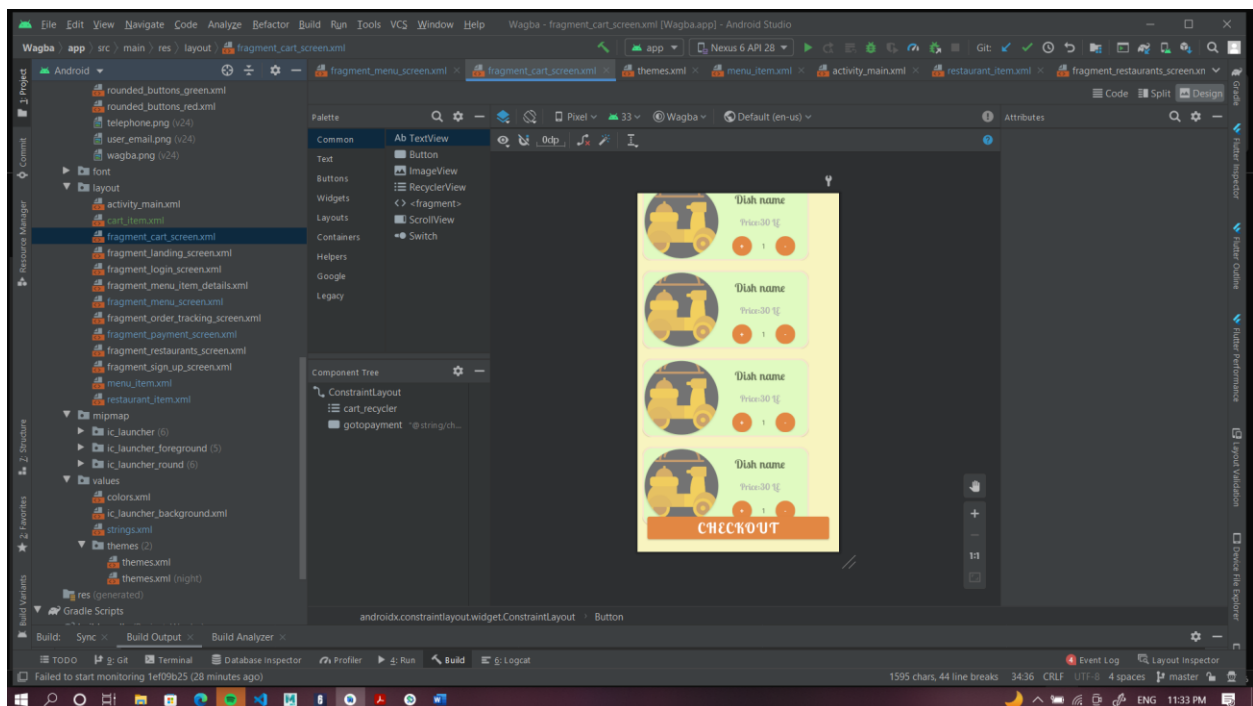

Login Screen:

Signup Screen:
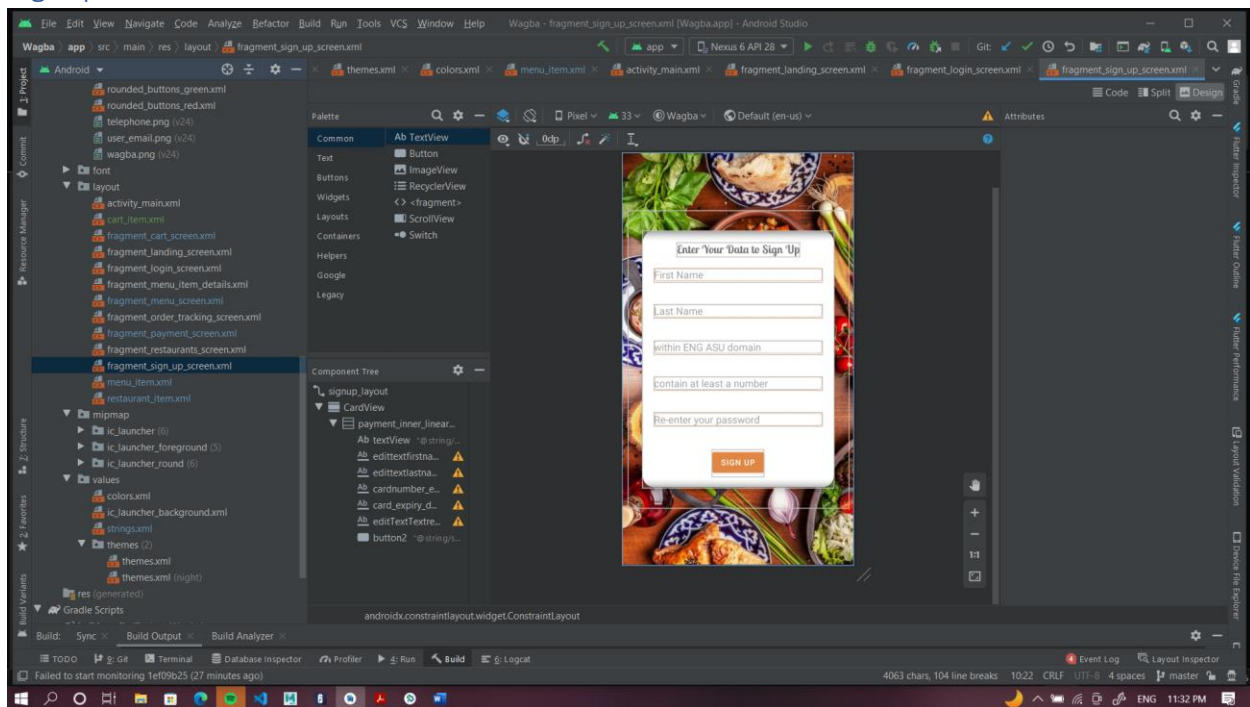
Restaurants Screen:

Menu Screen:

Cart Screen:

Payment Screen: