

Faculty of engineering,

CESS,

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CSE431: Mobile Programming Major Task(Milestone 1) "Wagba ASU"

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Contents

Links:	3
Video Demo:	3
Github Repository Link:	3
XML Files:	3
Main Activity:	3
Landing Screen:	3
Login Screen:	3
Signup Screen:	5
Restaurant Item:	7
Restaurants Screen:	9
Menu Item:	10
Menu Screen:	13
Cart Item:	14
Cart Screen:	16
Payment Screen:	17
Xml Resources Files:	21
Strings:	21
Themes:	22
Colors:	22
Screenshots:	23
Main Activity:	23
Landing Screen:	24
Login Screen:	24
Signup Screen:	25
Restaurants Screen:	25
Menu Screen:	26
Cart Screen:	26
Payment Screen:	27

Links:

Video Demo:

18P3067 CSE431 Mobile Programming Milestone 1 Demo Video

Github Repository Link:

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

XMI Files:

Main Activity:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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</pre>
        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 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 version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
```

```
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</pre>
    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" />
```

```
<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 version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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="@drawable/oriental food"
    tools:context=".AuthenticationScreens.LoginScreen">
    <androidx.cardview.widget.CardView</pre>
        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"
```

```
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"
```

```
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 version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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</pre>
        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"
```

```
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</pre>
    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</pre>
        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</pre>
            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"
```

```
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 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">
```

```
<androidx.appcompat.widget.Toolbar</pre>
            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</pre>
            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
            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 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"</pre>
```

```
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</pre>
    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</pre>
        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</pre>
            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"
```

```
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</pre>
android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:layout gravity="center">
<androidx.coordinatorlayout.widget.CoordinatorLayout</pre>
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</pre>
        android:layout_width="match_parent"
        android:layout_height="wrap content"
        android:fitsSystemWindows="true">
        <androidx.appcompat.widget.Toolbar</pre>
            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</pre>
        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
        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</pre>
xmlns:android="http://schemas.android.com/apk/res/android"
    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</pre>
        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</pre>
```

```
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</pre>
   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</pre>
```

```
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">
                    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:

```
android:layout gravity="center"
        android:layout_height="wrap_content"
app:layout behavior="com.google.android.material.appbar.AppBarLayout$ScrollingViewBeh
        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</pre>
    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=".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"
```

```
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"
    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: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">
```

```
<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</pre>
        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:ignore="MissingClass">
```

```
<TextView
    android:id="@+id/textView"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout_gravity="center"
    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
    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: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: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"
```

```
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:

```
<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 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>
```

```
<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>
```

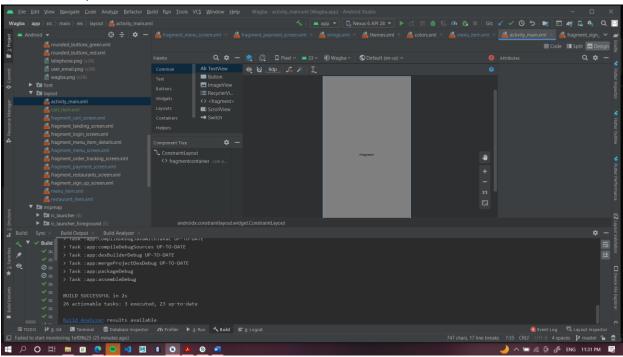
Themes:

```
<resources xmlns:tools="http://schemas.android.com/tools">
    <style name="Theme.Wagba"</pre>
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>
        <item name="colorSecondary">@color/teal 200</item>
        <item name="colorSecondaryVariant">@color/teal 700</item>
        <item name="colorOnSecondary">@color/black</item>
        <item name="android:statusBarColor"</pre>
tools:targetApi="1">?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>
```

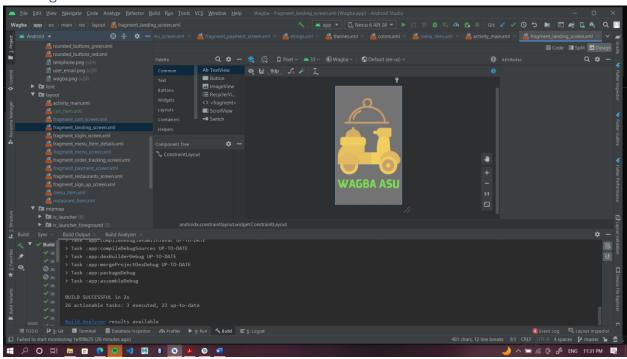
Colors:

Screenshots:

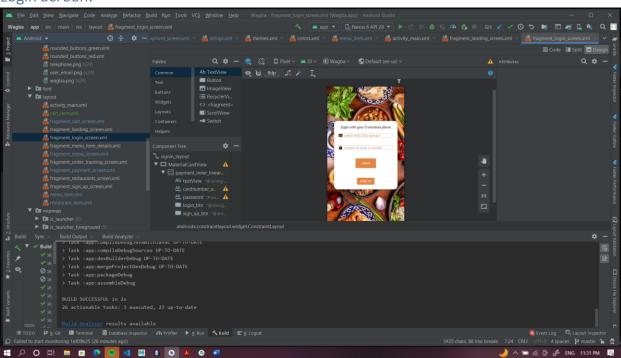
Main Activity:



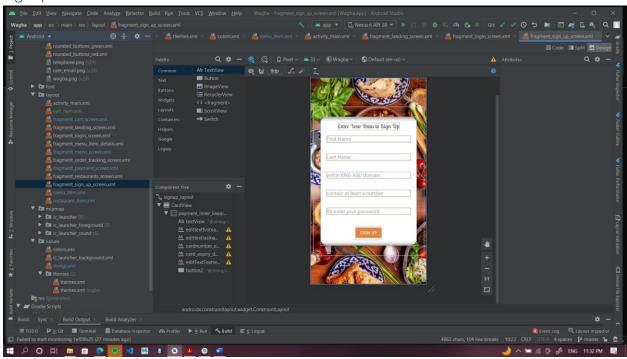
Landing Screen:



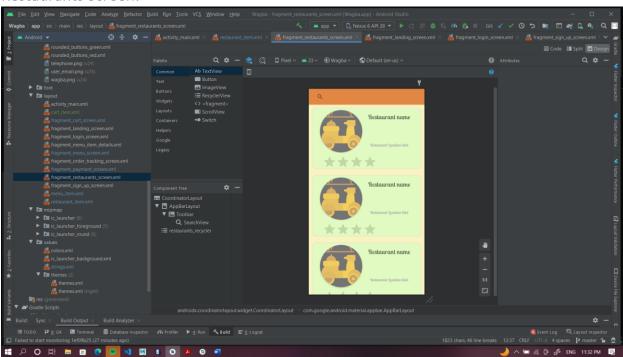
Login Screen:



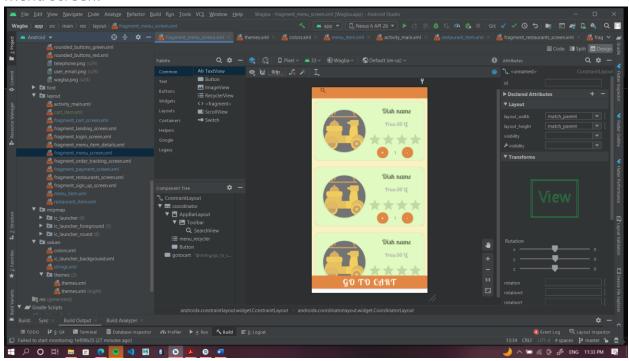
Signup Screen:



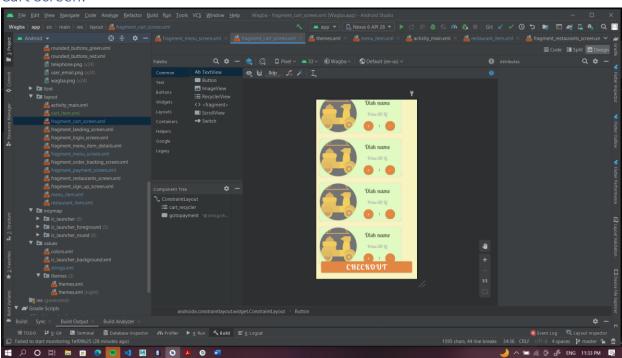
Restaurants Screen:



Menu Screen:



Cart Screen:



Payment Screen:

