

# **SandWich Fast Food House**

## **Mobile Application Development**

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## **DECLARATION**

“I certify that this project does not incorporate without acknowledgment, any material previously submitted for a Higher Diploma in any institution and to the best of my knowledge and belief, it does not contain any material previously published or written by another person or myself except where due reference is made in the text. I also hereby give consent for my project report, if accepted, to be made available for photocopying and for interlibrary loans, and for the title and summary to be made available to outside organizations.”

### Group Members

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# **Abstract**

"The Sandwich fast food House" is embarking on a strategic initiative aimed at transforming its business operations and enhancing customer engagement through the development of a robust food delivery mobile application using Android Studio. This project represents a pivotal effort to provide customers with a seamless and efficient means of ordering and enjoying the restaurant's delicious offerings, while simultaneously equipping the establishment with the essential tools to optimize its day-to-day operations.

The core objectives of this undertaking encompass branch information management, meticulous menu control, user account administration, streamlined order placement and tracking, and the implementation of efficient systems for inventory management and payment handling. In this comprehensive report, we offer an in-depth overview of the app's development process, present the achieved results, engage in substantive discussions, and provide references, acknowledgments, and appendices to offer a complete perspective on this transformative project.

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# CHAPTER 01

## 1.1 Introduction

This project entails the development of an Android-based mobile application to support The Sandwich Palace, a thriving restaurant located in the Southern Province. The primary objective of this ambitious endeavor is to create a robust and user-friendly Android mobile application that will not only bolster The Sandwich Palace's technological infrastructure but also enhance the overall customer experience by improving accessibility and streamlining operations. The key objectives of this project are as follows:

1. Branch Information Management: The application will serve as an extensive repository of information concerning The Sandwich Palace's branches. This feature will enable customers to easily locate their nearest branch, enhancing their ability to enjoy the restaurant's offerings conveniently.
2. Menu Control: The Sandwich Palace will have the capability to efficiently manage and update its diverse menu. This will include providing detailed descriptions of menu items along with enticing sample images, all of which will be readily accessible to customers through the app.
3. User Engagement: Customers will have the convenience of creating personalized user accounts within the application. This feature will empower them to place orders, customize their culinary selections, and effortlessly track the progress of their orders, thereby enhancing their engagement with the restaurant.
4. Efficient Order Fulfillment: The application will employ intelligent algorithms to optimize order fulfillment by routing customer orders to the nearest branch with available stocks. Additionally, it will provide essential information services to ensure timely deliveries and secure payment processing, contributing to a smoother and more efficient ordering process.

This project aims to leverage technology to enhance the customer experience and streamline the operations of The Sandwich Palace, ultimately benefiting both the restaurant and its valued patrons.

# CHAPTER 02

## 2.1 Development

The development process of a Food Delivery App using Android Studio encompasses several crucial stages, each contributing to the creation of a functional and user-friendly application. Here's an in-depth exploration of the development process:

### 1. Coding and Programming:

- Development kicks off with the coding phase, where developers use programming languages suitable for Android app development. Java and Kotlin are among the most commonly employed languages for this purpose.
- Android Studio, the official integrated development environment (IDE) for Android app development, becomes the workspace for developers. It equips them with tools for coding, debugging, and comprehensive testing.
- During this phase, developers meticulously craft the code responsible for the app's diverse components, encompassing user interfaces, database interactions, and intricate business logic.

### 2. User Interface (UI) Design:

- The user interface (UI) design phase focuses on ensuring that the app is not only functional but also visually appealing and user-friendly.
- Developers harness XML layouts to define the app's UI elements, encompassing elements like buttons, text fields, images, and navigation menus.
- UI design is a process of creating screens and arranging elements in a manner that guarantees a seamless and intuitive user experience.

### 3. Backend Development:

- The app's backend is responsible for tasks such as user authentication, data storage, order processing, and communication with external services

- Developers dedicate their efforts to creating server-side code and configuring databases that will securely store essential information, including branch details, menus, user accounts, and order records.
- Robust security measures are implemented to safeguard user data and ensure the trustworthiness of all transactions.

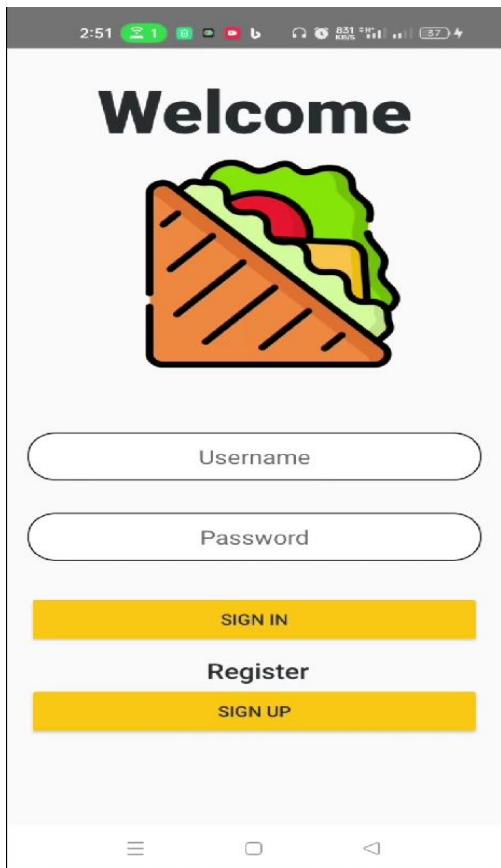
#### **4. Functionality Implementation:**

- During this phase, developers bring to life the core functionality of the app in alignment with predefined objectives. This includes user-centric features like user registration, login, menu browsing, order placement, and order tracking.
- Integration with external services, such as payment gateways, is seamlessly executed to facilitate secure and convenient transactions.

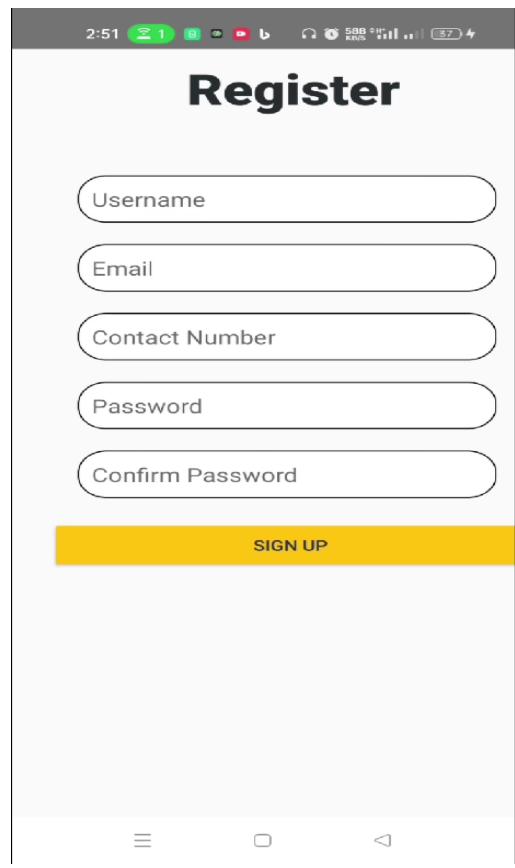
This development process combines technical expertise with design sensibilities to craft a Food Delivery App using Android Studio that not only meets but exceeds the expectations of users. It is a comprehensive and meticulous journey that culminates in the creation of a reliable and engaging mobile application.

# CHAPTER 03

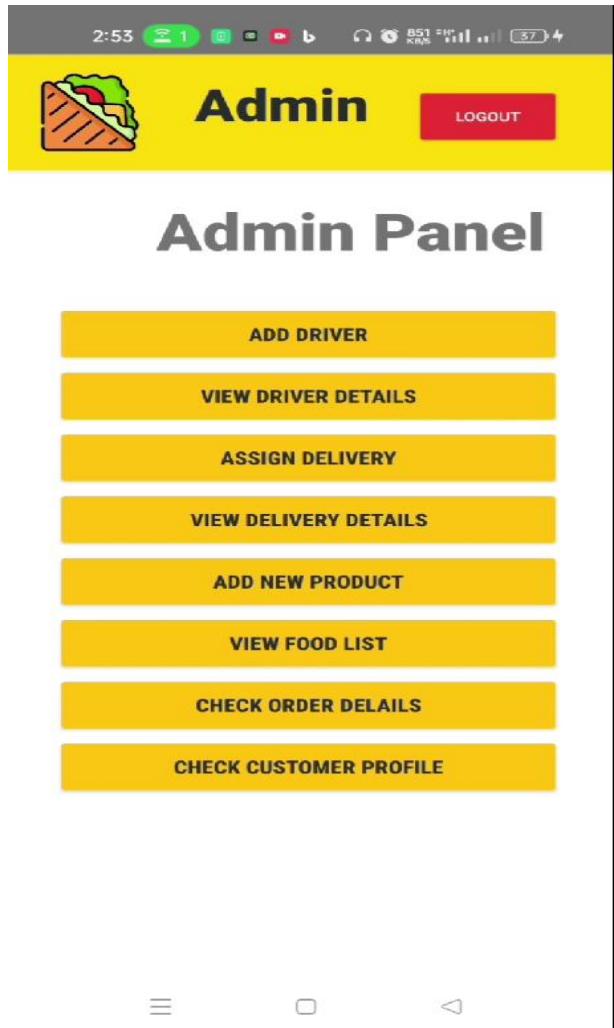
## 3.1 Results



3.1.1 Sign In page



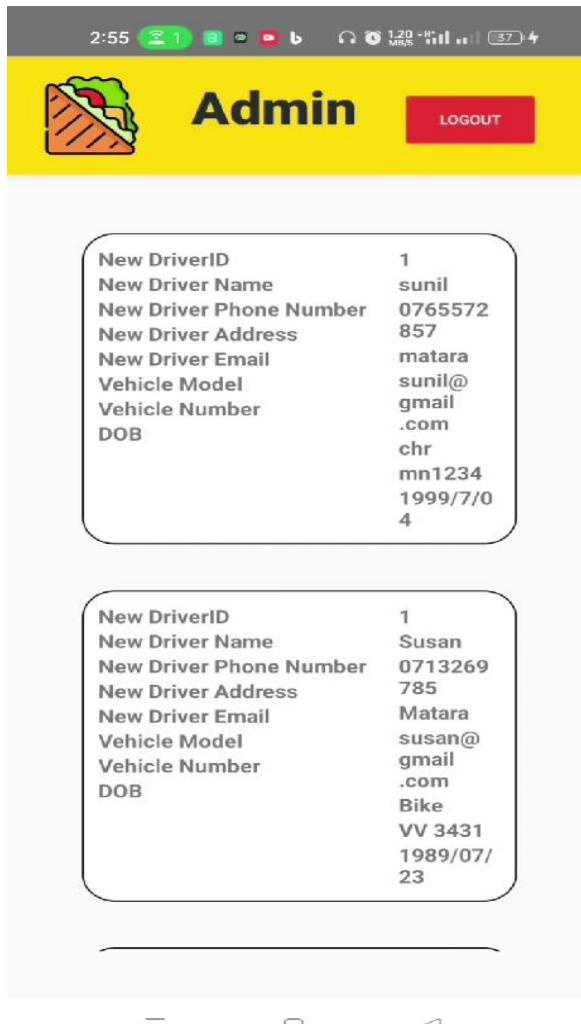
3.1.2 Sign Up Page



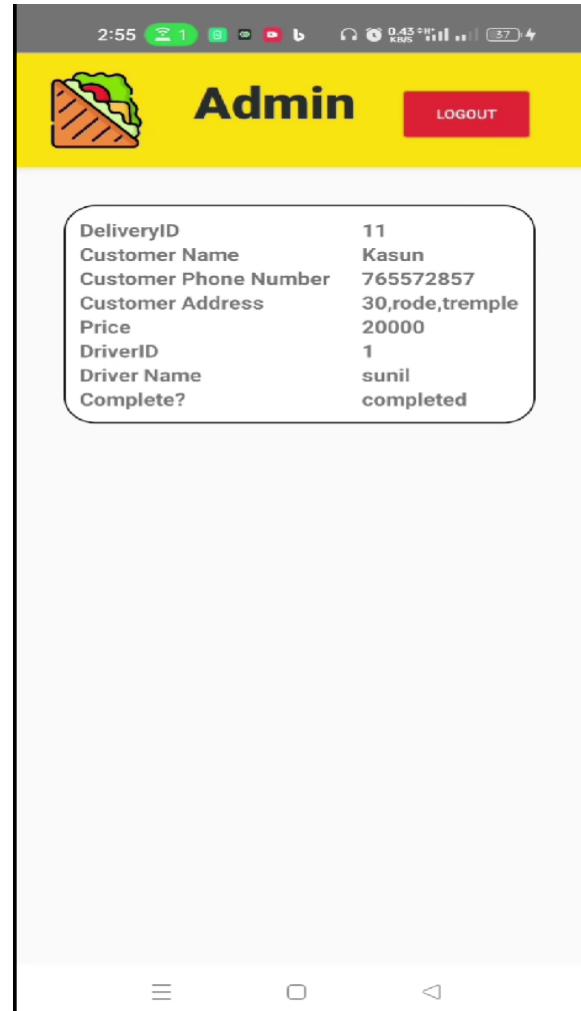
3.1.3 Admin Panel page

The screenshot shows the "Add Driver" page. At the top left is a logo of a sandwich. To its right is the word "Admin" in bold black font. To the right of "Admin" is a red rectangular button with the word "LOGOUT". Below this header, there are several input fields: "Driver ID", "Driver Name", "Telephone number", "Address", "Email" (which contains a placeholder "Email" and has a red exclamation mark icon above it), "Vehicle model", "Vehicle number", and "Date of birth". A black rectangular box with the text "Please Enter Valid Email" is overlaid on the "Email" field. At the bottom is a yellow rectangular button with the text "ADD DRIVER". The entire interface has a white background.

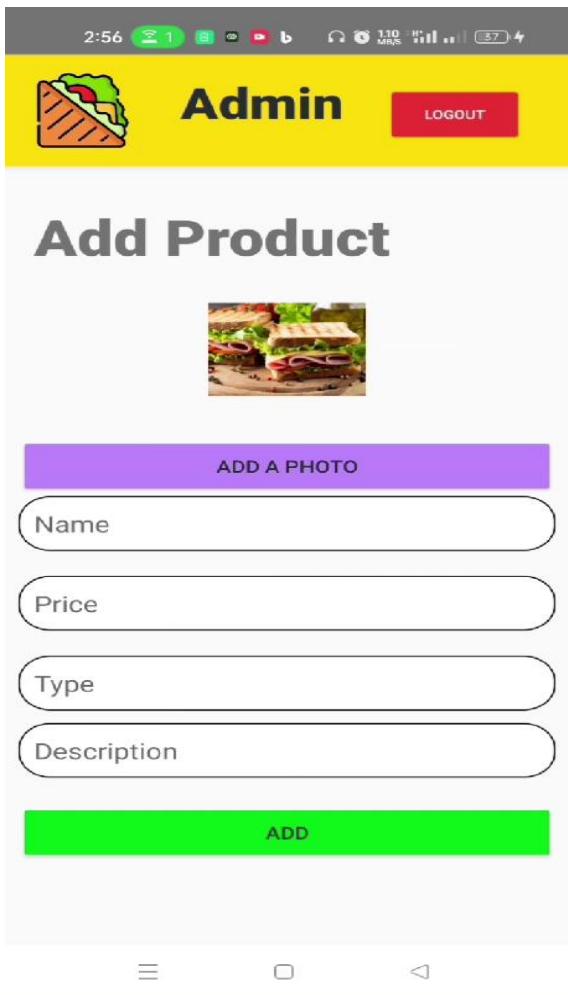
3.1.4 Add Driver Page



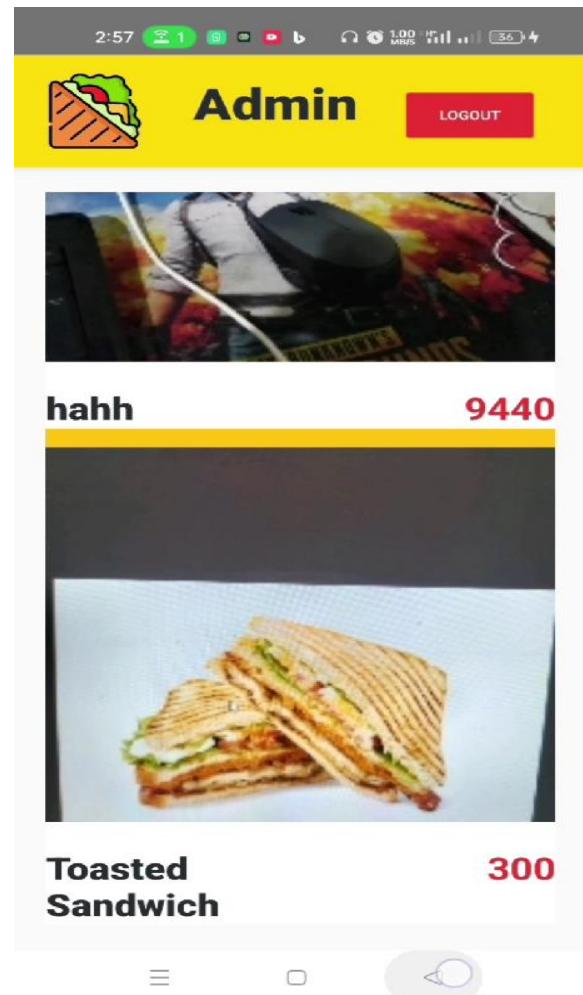
3.1.5 Driver Details Page



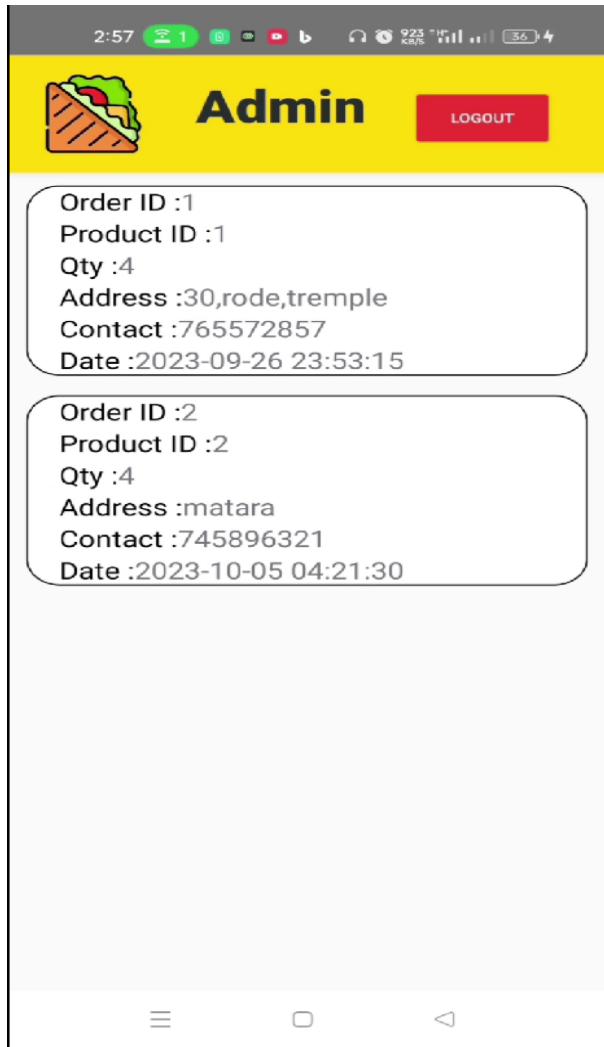
3.1.6 View delivery details page



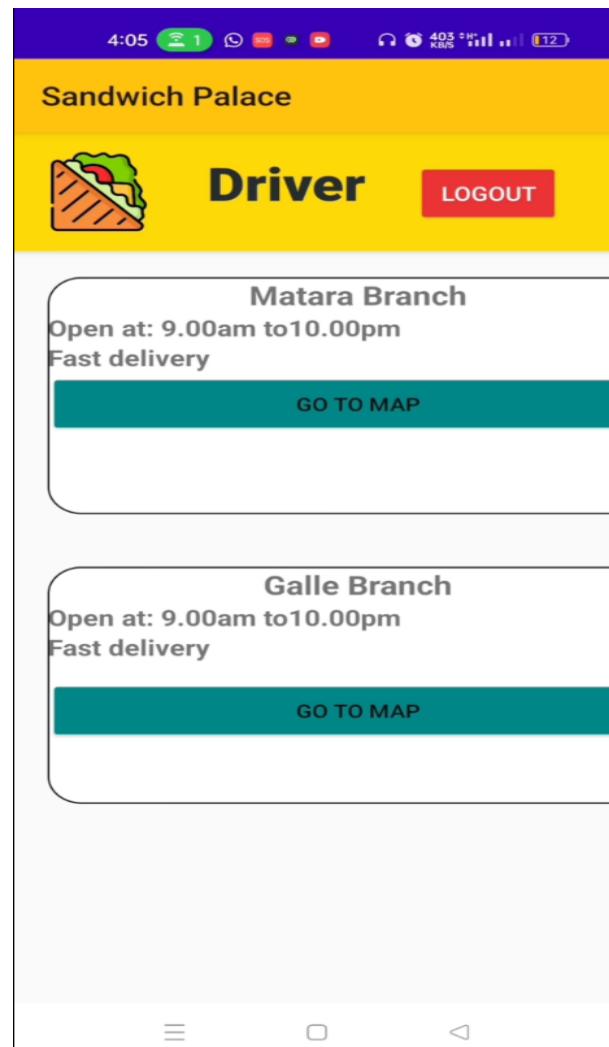
3.1.7 Add new product Page



3.1.8 View food list page



3.1.9 Check order details page



3.1.10 Branch details page

# CHAPTER 04

## 4. Discussion

The development of an Android-based mobile application for The Sandwich Palace is an ambitious project with clear objectives aimed at improving both the restaurant's operations and the customer experience. The project outlines four key objectives:

**Branch Information Management:** The app will provide customers with easy access to information about The Sandwich Palace's branches, helping them locate the nearest branch quickly. This enhances convenience for customers, making it easier for them to enjoy the restaurant's offerings.

**Menu Control:** The app will allow the restaurant to efficiently manage and update its menu, including detailed descriptions and enticing images of menu items. This feature is essential for attracting customers and providing them with information about the restaurant's offerings.

**User Engagement:** By allowing customers to create personalized user accounts, the app enhances their engagement with the restaurant. This feature enables customers to place orders, customize their selections, and track their orders, thereby improving their overall experience.

**Efficient Order Fulfillment:** The app will use intelligent algorithms to optimize order fulfillment by routing orders to the nearest branch with available stocks. This ensures timely deliveries and secure payment processing, contributing to a smoother ordering process.

# CHAPTER 05

## 5.1 References

The references provided include resources related to Android app development, Android Studio, and Firebase, a popular platform for building mobile and web applications. These resources can be invaluable for developers working on the project, offering guidance and support throughout the development process.

Android Developers. Android Studio. Retrieved from  
<https://developer.android.com/studio>

- Bhardwaj, S. (2020). A Comprehensive Guide to Android App Development. Packt Publishing.
- Chaudhary, M. S. (2017). Android App Development for Beginners: Start Coding. Independently Published.
- Firebase. (n.d.). Firebase: App Success Made Simple. Retrieved from  
<https://firebase.google.com/>
- Google Developers. (n.d.). Android Developers. Retrieved from  
<https://developer.android.com/>

## CHAPTER 06

### 6.1 Acknowledgements

We extend our sincerest gratitude to all those who have contributed to the development of this proposal for The Sandwich Palace Android mobile application. This collaborative effort has been enriched by the support and guidance of many individuals and organizations.

We begin by expressing our appreciation to our dedicated lecturer for providing the app topic and the opportunity to embark on this exciting project. Your mentorship has been invaluable in shaping our understanding of mobile application development. To the management and staff of The Sandwich Palace, we extend our heartfelt thanks for your openness to innovation and your commitment to enhancing customer engagement and operational efficiency. Your enthusiasm for this endeavor has been a driving force.

Our deep gratitude goes to the diligent members of our development team whose technical expertise, creativity, and unwavering commitment have been the foundation of this proposal.

We acknowledge the wealth of knowledge contributed by industry experts and scholars in the field of mobile application development. The extensive references and resources we've consulted reflect the collective wisdom and experience of the broader community.

Additionally, we are grateful to the potential users and stakeholders of The Sandwich Palace for their valuable feedback and insights, which have played a pivotal role in shaping the features and functionalities of the proposed mobile application.

Lastly, we extend our heartfelt thanks to our families, friends, and loved ones for their unwavering support and encouragement throughout this project.

This proposal is a testament to the collaborative efforts of many, guided by the expertise and wisdom of diverse sources. We eagerly anticipate the potential positive impact that The Sandwich Palace Android mobile application can bring to the restaurant and its cherished customers.

## CHAPTER 07

### 7.1 Appendices

Google drive Link :- <https://drive.google.com/drive/folders/1TwdwaAch5TqbgNc-9aVHsVPIIZwaeyGS?usp=sharing>

#### 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"
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    android:layout_height="match_parent"
    tools:context=".add_product"
    android:orientation="vertical">

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<LinearLayout
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    android:orientation="vertical">

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    android:layout_height="68dp"
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    android:textSize="40dp" />
```

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    android:padding="10dp" />

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    android:inputType="text"
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```

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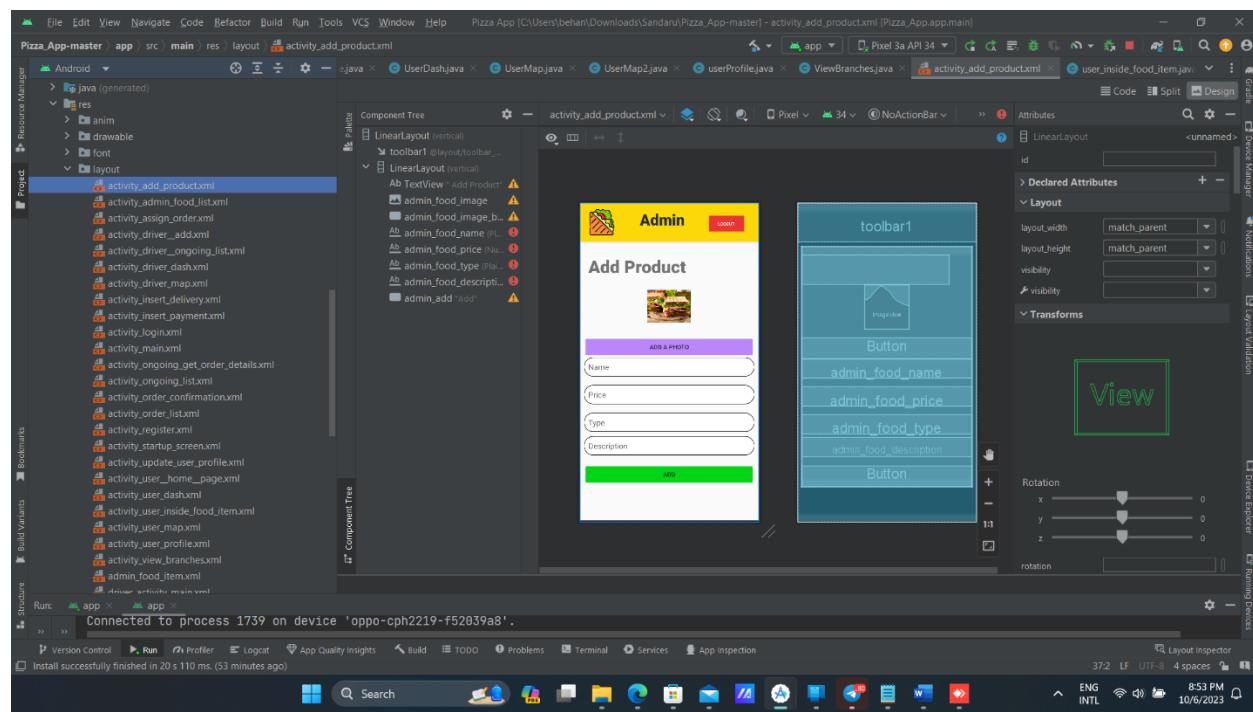
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    android:layout_gravity="center"
    android:text="Add"
    android:textColor="#272D2F" />

</LinearLayout>

</LinearLayout>

```



```

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

    <LinearLayout
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        <include
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```

```

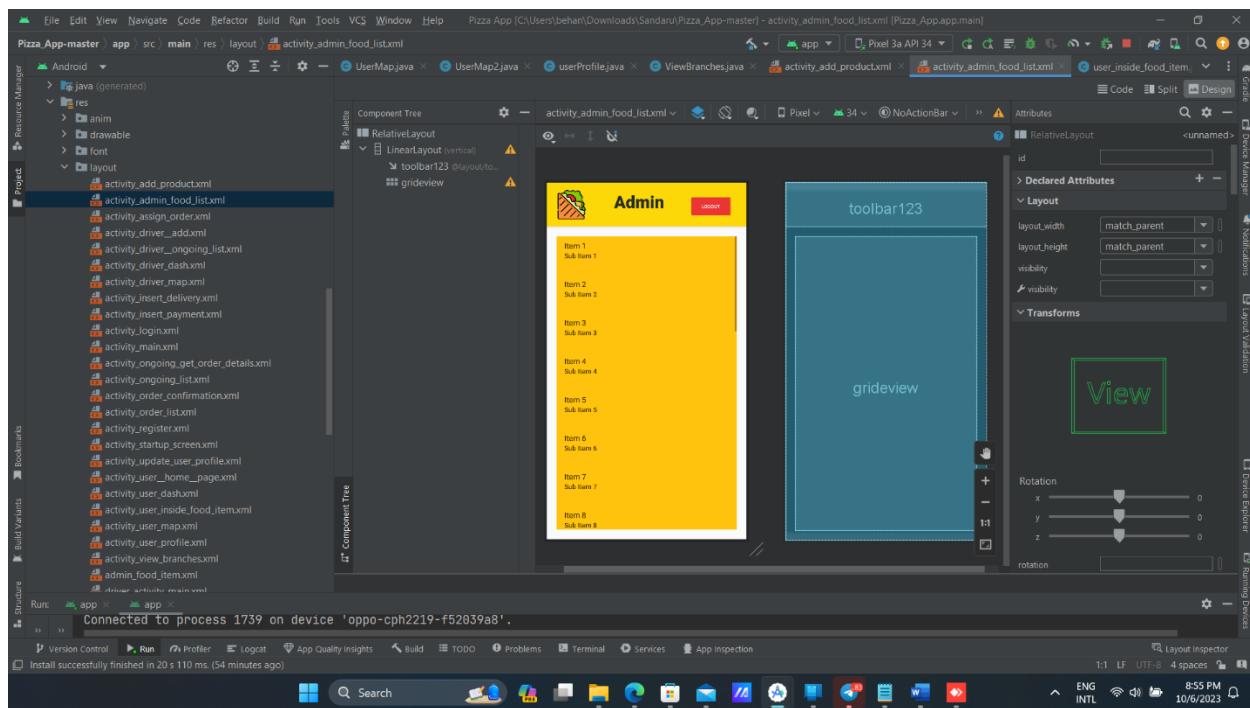
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    />

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</RelativeLayout>

```



```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
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    xmlns:tools="http://schemas.android.com/tools"
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    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".assign_order">

```

```
<include
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    layout="@layout/toolbar_admin"
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    android:layout_margin="20dp"
    android:orientation="vertical">

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        android:padding="10dp"
        android:layout_marginTop="15dp"
        android:inputType="textPersonName"
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    <EditText
```

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        android:padding="10dp"
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        android:inputType="textPersonName"
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        android:hint="@string/edtdriverid" />

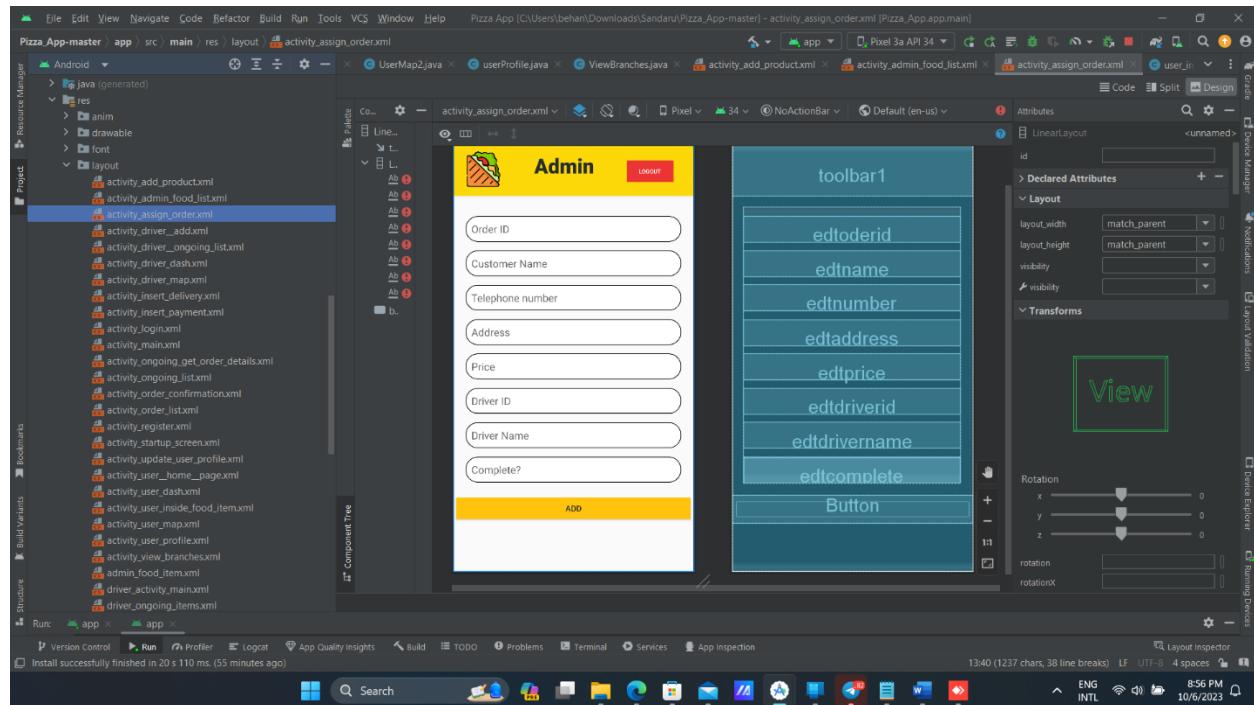
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        android:hint="@string/edtcomplete" />

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    android:text="@string/btnadd" />
```

```
</LinearLayout>
```



```
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    xmlns:tools="http://schemas.android.com/tools"
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    android:layout_height="match_parent"
    android:orientation="vertical"
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```

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        android:layout_marginTop="15dp"
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    android:padding="10dp"
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    />

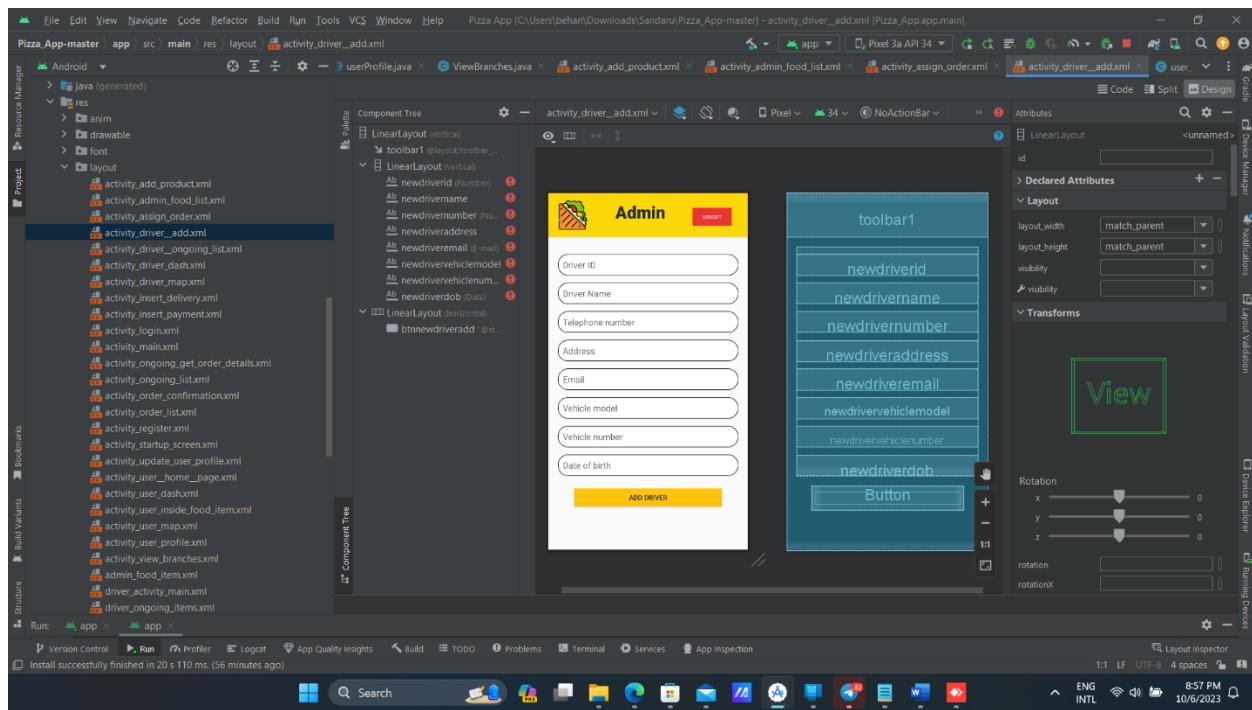
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        android:text="@string/newdriveradd" />

    </LinearLayout>

</LinearLayout>
```



```

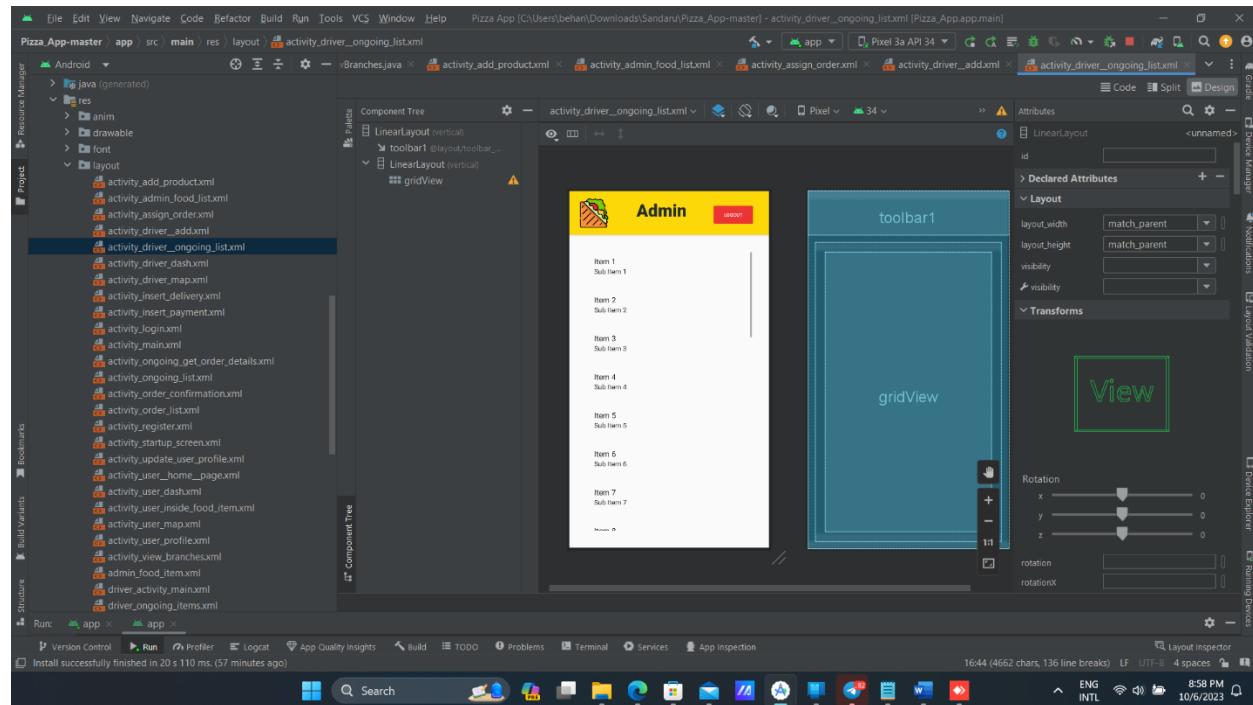
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".Driver_OngoingList">

    <include
        android:id="@+id/toolbar1"
        layout="@layout/toolbar_admin"
    />

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="15dp"
        android:orientation="vertical">
        <GridView
            android:id="@+id/gridView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentTop="true"
            android:layout_centerHorizontal="true"
            android:gravity="center"
            android:layout_margin="20dp"
            android:verticalSpacing="15dp"
            tools:layout_editor_absoluteX="188dp"
            tools:layout_editor_absoluteY="213dp"/>
    
```

```
</LinearLayout>

</LinearLayout>
```



```
<?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:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".InsertDelivery">

    <TextView
        android:id="@+id/page_title_delivery"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:fontFamily="sans-serif-black"
        android:textColor="@color/black"
        android:textAlignment="center"
        android:text="@string/title_delivery"
        android:textSize="40dp" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:background="@drawable/card_style_2"
```

```
        android:orientation="vertical">

    <EditText
        android:id="@+id/fName"
        android:layout_width="match_parent"
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginEnd="16dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/d_hnt_fname"
        android:inputType="textPersonName"
        android:paddingLeft="10dp"
        android:layout_marginTop="60dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/page_title_delivery" />

    <EditText
        android:id="@+id/lName"
        android:layout_width="match_parent"
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginTop="5dp"
        android:layout_marginEnd="16dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/d_hnt_lname"
        android:inputType="textPersonName"
        android:paddingLeft="10dp"
        android:textStyle="normal"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/fName" />

    <EditText
        android:id="@+id/email"
        android:layout_width="match_parent"
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginTop="5dp"
        android:layout_marginEnd="16dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/d_hnt_email"
        android:inputType="textEmailAddress"
        android:paddingLeft="10dp"
        android:textStyle="normal"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/lName" />

    <EditText
        android:id="@+id/contactNumber"
        android:layout_width="match_parent"
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginTop="5dp"
```

```
        android:layout_marginEnd="16dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/d_hnt_contact"
        android:inputType="phone"
        android:maxLength="10"
        android:paddingLeft="10dp"
        android:textStyle="normal"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/email" />

<EditText
    android:id="@+id/address"
    android:layout_width="match_parent"
    android:layout_height="44dp"
    android:layout_marginStart="16dp"
    android:layout_marginTop="5dp"
    android:layout_marginEnd="16dp"
    android:layout_marginBottom="20dp"
    android:background="@drawable/backgroun_input"
    android:hint="@string/d_hnt_address"
    android:inputType="text"
    android:paddingLeft="10dp"
    android:textStyle="normal"
/>

</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="10dp">

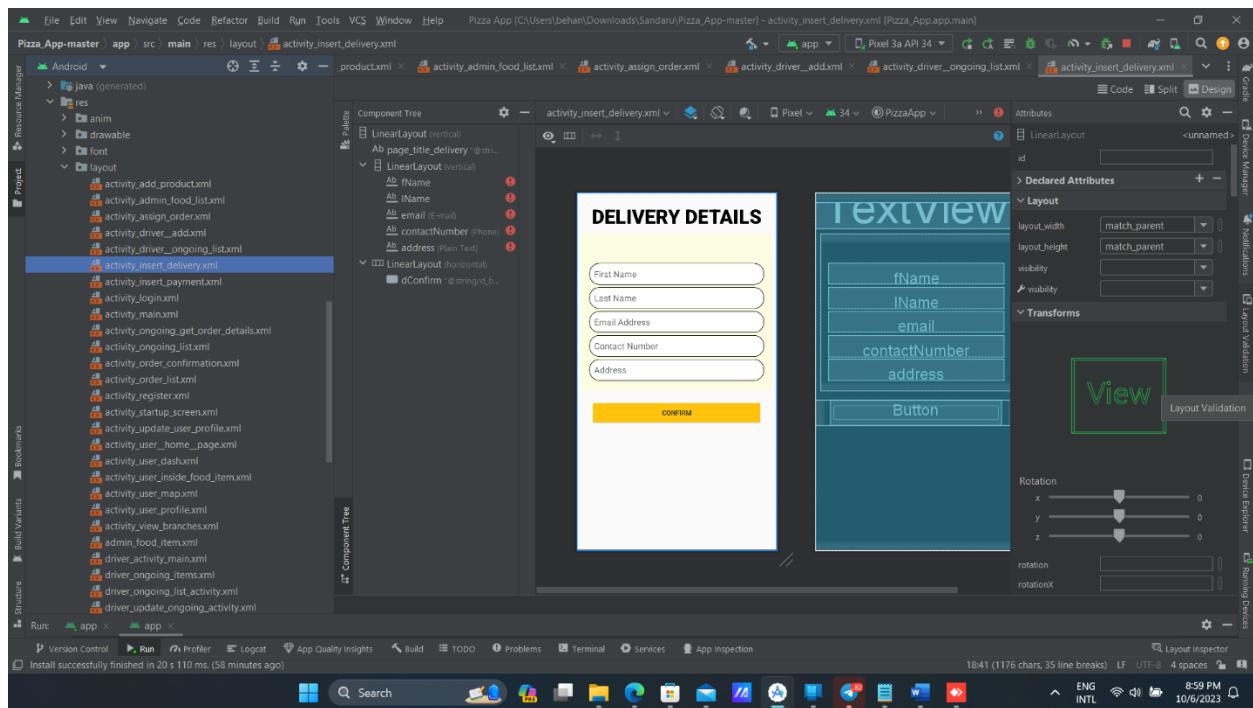
    <Button
        android:id="@+id/dConfirm"
        android:layout_width="match_parent"
        android:layout_height="51dp"
        android:layout_marginLeft="30dp"
        android:layout_marginRight="30dp"
        android:backgroundTint="@color/dark_yellow"
        android:text="@string/d_btn_confirm"
        android:textColor="#272D2F"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/address" />

    </Button>

```

</LinearLayout>

```
</LinearLayout>
```



```

<?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:id="@+id/tv"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".InsertPayment">

    <TextView
        android:id="@+id/page_title_payment"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:fontFamily="sans-serif-black"
        android:textColor="#272D2F"
        android:textAlignment="center"
        android:layout_marginBottom="30dp"
        android:text="@string/title_payment"
        android:textSize="40dp" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/card_style_2"
        android:layout_margin="20dp"
        android:padding="20dp"
        android:orientation="vertical">

        <EditText
            android:id="@+id/cardOnName"
            android:layout_width="match_parent"

```

```
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginEnd="23dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/p_hnt_name"
        android:inputType="textPersonName"
        android:padding="3dp"
        android:paddingLeft="10dp"
    />

    <EditText
        android:id="@+id/cNumber"
        android:layout_width="match_parent"
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginTop="24dp"
        android:layout_marginEnd="23dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/p_hnt_number"
        android:inputType="number"
        android:maxLength="16"
        android:padding="3dp"
        android:paddingLeft="10dp"
    />

    <EditText
        android:id="@+id/exp"
        android:layout_width="match_parent"
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginTop="24dp"
        android:layout_marginEnd="23dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/p_hnt_exp"
        android:inputType="date"
        android:padding="3dp"
        android:paddingLeft="10dp"
    />

    <EditText
        android:id="@+id/sCode"
        android:layout_width="match_parent"
        android:layout_height="44dp"
        android:layout_marginStart="16dp"
        android:layout_marginTop="24dp"
        android:layout_marginEnd="23dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/p_hnt_scode"
        android:inputType="number"
        android:maxLength="3"
        android:padding="3dp"
        android:paddingLeft="10dp" />

</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content">

    <Button
        android:id="@+id/pConfirm"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:layout_marginLeft="30dp"
        android:layout_marginRight="30dp"
        android:backgroundTint="@color/dark_yellow"
        android:text="@string/p_btn_confirm"
        android:textColor="#272D2F"
    />

</LinearLayout>

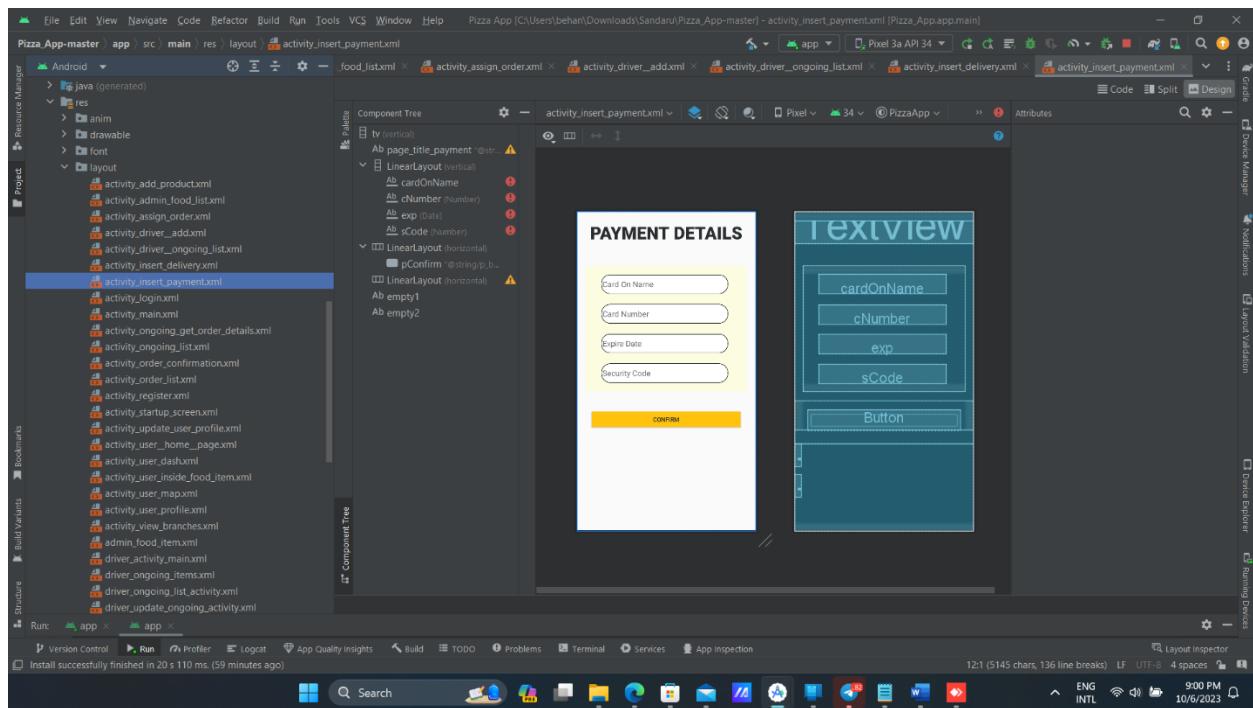
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:orientation="horizontal">

</LinearLayout>

<TextView
    android:id="@+id/empty1"
    android:layout_width="15dp"
    android:layout_height="53dp"
    android:layout_marginEnd="7dp"
    android:layout_marginBottom="16dp"
    android:textColor="@color/design_default_color_surface"
    android:textColorHighlight="@color/design_default_color_surface"
    android:textColorHint="@color/design_default_color_background"
    android:textColorLink="@color/design_default_color_surface"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent" />

<TextView
    android:id="@+id/empty2"
    android:layout_width="15dp"
    android:layout_height="53dp"
    android:layout_marginBottom="16dp"
    android:textColor="@color/design_default_color_surface"
    android:textColorHighlight="@color/design_default_color_surface"
    android:textColorHint="@color/design_default_color_background"
    android:textColorLink="@color/design_default_color_surface"
    app:layout_constraintBottom_toBottomOf="parent"
    tools:layout_editor_absoluteX="367dp" />

</LinearLayout>
```



```

<?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:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".Login">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="68dp"
        android:layout_marginTop="20dp"
        android:fontFamily="sans-serif-black"
        android:text="Welcome"
        android:textAlignment="center"
        android:textColor="#272D2F"
        android:textColorHighlight="#EE2222"
        android:textColorHint="#FFFFFF"
        android:textSize="55dp" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="15dp"
        android:orientation="vertical">

        <ImageView
            android:layout_width="197dp"
            android:layout_height="192dp"
            android:layout_marginLeft="80dp"
            android:src="@drawable/bread" />
    
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="40dp"
    android:orientation="vertical">

    <EditText
        android:id="@+id/login_username"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/username"
        android:inputType="text"
        android:padding="10dp"
        android:textAlignment="center" />

    <EditText
        android:id="@+id/login_password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="30dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/password"
        android:inputType="textPassword"
        android:padding="10dp"
        android:textAlignment="center" />

</LinearLayout>

<Button
    android:id="@+id/login_btn"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:backgroundTint="@color/dark_yellow"
    android:text="Sign In"
    android:textColor="#272D2F" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="10dp"
    android:fontFamily="sans-serif-medium"
    android:text=" Register"
    android:textColor="#272D2F"
    android:textSize="20dp"
    android:layout_gravity="center"/>

<Button
    android:id="@+id/direct_signUp"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:backgroundTint="@color/dark_yellow"
    android:text="Sign Up"
```

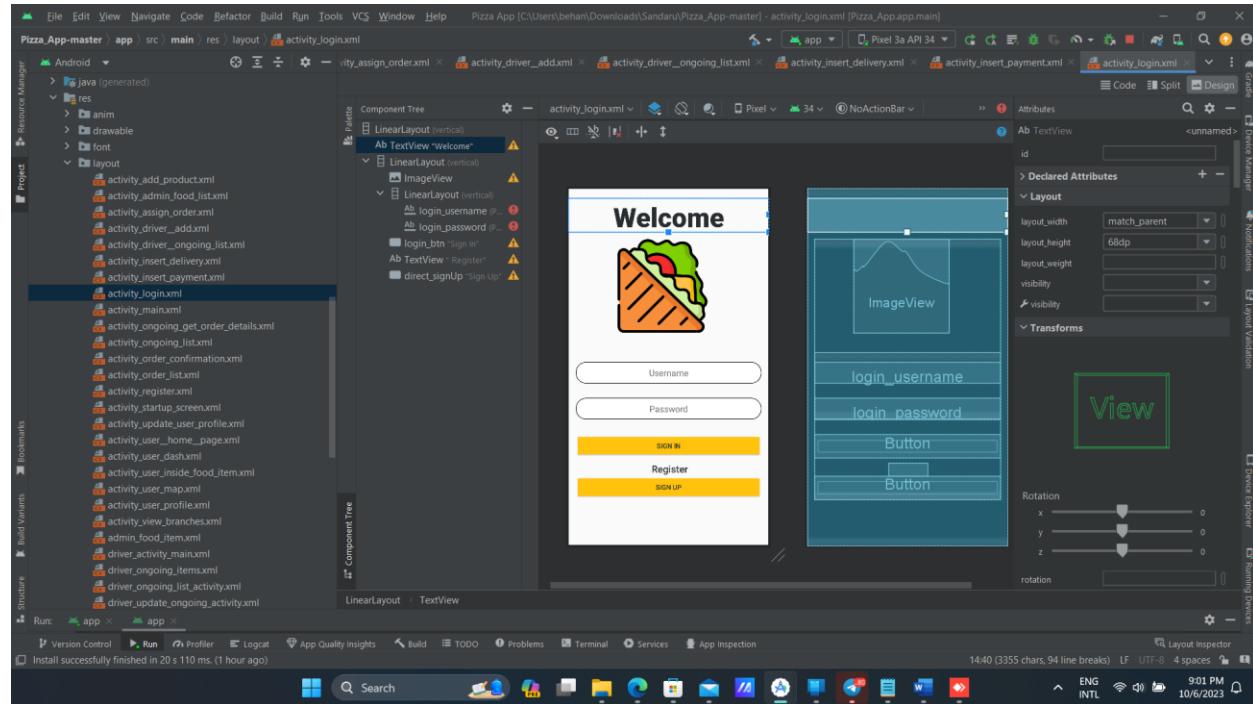
```

        android:textColor="#272D2F" />

    </LinearLayout>

</LinearLayout>

```



```

<?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:layout_height="match_parent"
    tools:context=".MainActivity"
    android:orientation="vertical"
    android:background="@color/white">

    <include
        android:id="@+id/toolbar1"
        layout="@layout/toolbar_admin"
    />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginLeft="90dp"
            android:layout_marginTop="20dp"
            android:fontFamily="sans-serif-black"

```

```
        android:text="Admin Panel"
        android:textSize="40dp" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="30dp"
        android:orientation="vertical">

        <Button
            android:id="@+id/add_driver"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:backgroundTint="@color/dark_yellow"
            android:textColor="#272D2F"
            android:textStyle="bold"
            android:fontFamily="sans-serif-condensed-medium"
            android:text="Add Driver" />

        <Button
            android:id="@+id/btnnewdriverslist"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:backgroundTint="@color/dark_yellow"
            android:textColor="#272D2F"
            android:textStyle="bold"
            android:fontFamily="sans-serif-condensed-medium"
            android:text="View Driver Details"/>

        <Button
            android:id="@+id/assign_to_delivery_btn"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:backgroundTint="@color/dark_yellow"
            android:textColor="#272D2F"
            android:textStyle="bold"
            android:fontFamily="sans-serif-condensed-medium"
            android:text="Assign Delivery" />

        <Button
            android:id="@+id/view_delivery_btn"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:backgroundTint="@color/dark_yellow"
            android:textColor="#272D2F"
            android:textStyle="bold"
            android:fontFamily="sans-serif-condensed-medium"
            android:text="View Delivery Details" />

        <Button
            android:id="@+id/b1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:backgroundTint="@color/dark_yellow"
            android:textColor="#272D2F"
            android:textStyle="bold"
            android:fontFamily="sans-serif-condensed-medium"
```

```

        android:text="@string/add_product" />

    <Button
        android:id="@+id/b3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/dark_yellow"
        android:textColor="#272D2F"
        android:textStyle="bold"
        android:fontFamily="sans-serif-condensed-medium"
        android:text="@string/view_food_cart" />

    <Button
        android:id="@+id/check_order_details"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/dark_yellow"
        android:textColor="#272D2F"
        android:textStyle="bold"
        android:fontFamily="sans-serif-condensed-medium"
        android:text="Check Order Details"/>

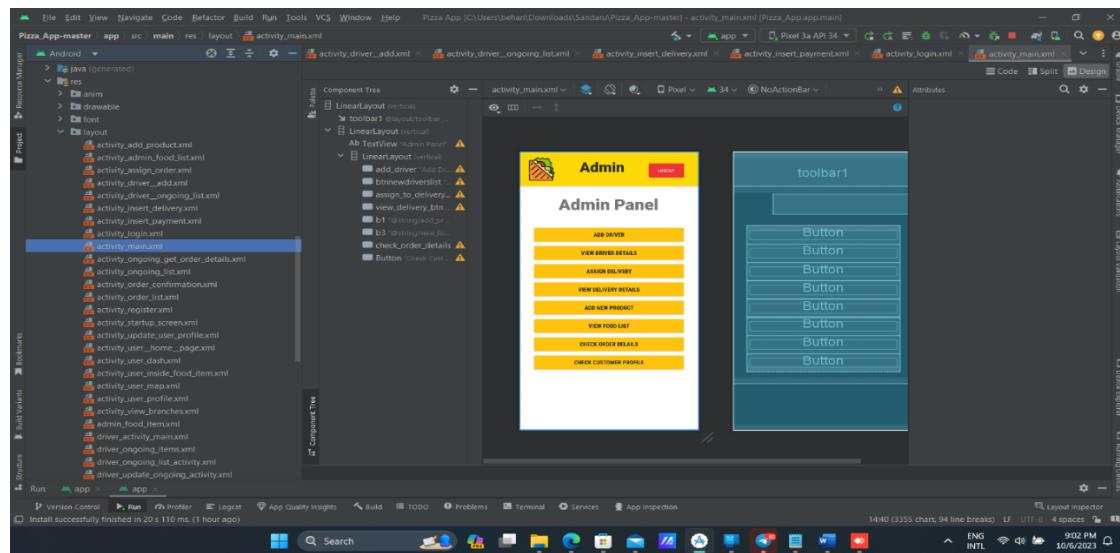
    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/dark_yellow"
        android:textColor="#272D2F"
        android:textStyle="bold"
        android:fontFamily="sans-serif-condensed-medium"
        android:text="Check Customer Profile" />

</LinearLayout>

</LinearLayout>

</LinearLayout>

```



```
<?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:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".Ongoing_get_order_details">

    <include
        android:id="@+id/toolbar1"
        layout="@layout/toolbar_admin"
        />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:orientation="vertical">

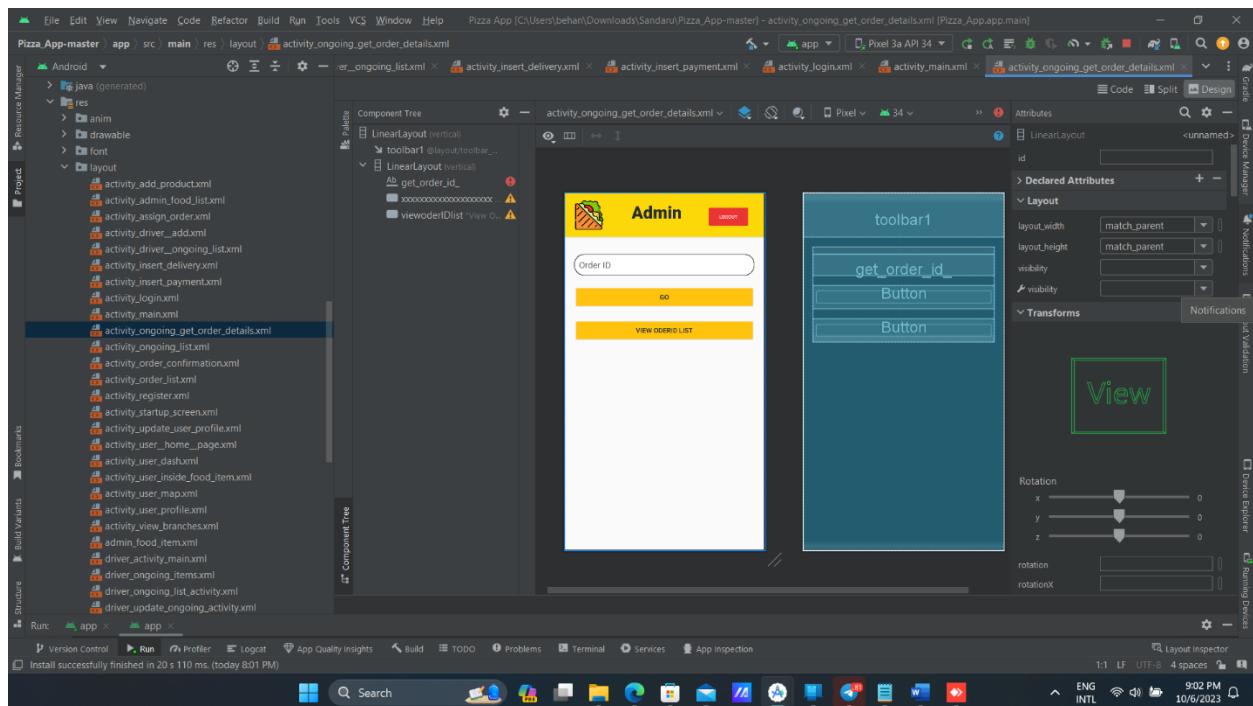
        <EditText
            android:id="@+id/get_order_id_"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:background="@drawable/backgroun_input"
            android:padding="10dp"
            android:layout_marginTop="15dp"
            android:inputType="textPersonName"
            android:hint="@string/edtoderid" />

        <Button
            android:id="@+id/xxxxxxxxxxxxxxxxxxxxxx"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="20dp"
            android:textColor="#272D2F"
            android:backgroundTint="@color/dark_yellow"
            android:text="Go" />

        <Button
            android:id="@+id/viewoderIDlist"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="20dp"
            android:textColor="#272D2F"
            android:backgroundTint="@color/dark_yellow"
            android:text="View ODERID list" />

    </LinearLayout>

</LinearLayout>
```



```
<?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=".OngoingList">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <include
            android:id="@+id/toolbar1"
            layout="@layout/toolbar_admin"
            />

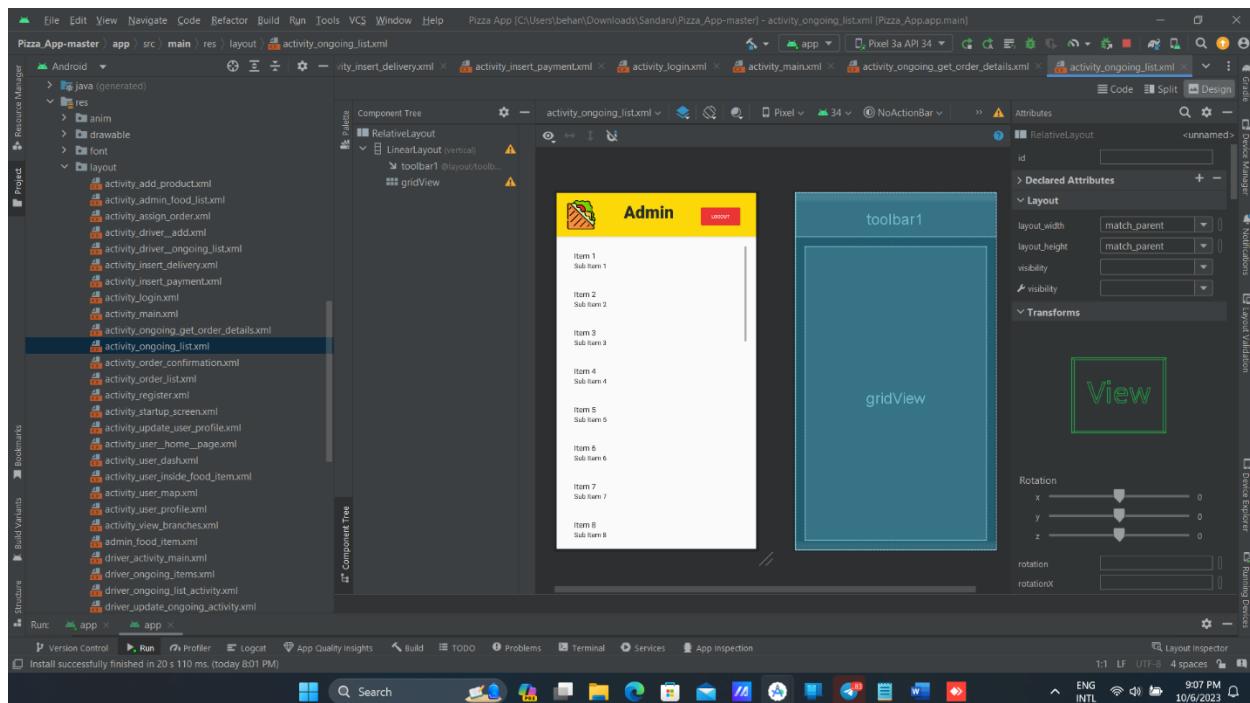
        <GridView
            android:id="@+id/gridView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentTop="true"
            android:layout_centerHorizontal="true"
            android:gravity="center"
            android:layout_margin="20dp"
            android:verticalSpacing="15dp"
            tools:layout_editor_absoluteX="188dp"
            tools:layout_editor_absoluteY="213dp"/>
    
```

```

</LinearLayout>

</RelativeLayout>

```



```

<?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:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".OrderConfirmation">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:text="My Order"
        android:fontFamily="sans-serif-black"
        android:textAlignment="center"
        android:textColor="#272D2F"
        android:textSize="35dp"
        android:textStyle="bold" />

    <LinearLayout

```

```
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="20dp"
        android:layout_marginTop="10dp"
        android:layout_marginRight="20dp"
        android:padding="10dp"
        android:background="@drawable/card_style_2"
        android:orientation="vertical">

    <LinearLayout
        android:id="@+id/sample_one"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:orientation="vertical">

        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"
            android:layout_height="230dp"
            android:layout_margin="10dp"
            app:cardCornerRadius="20dp">

            <ImageView
                android:id="@+id/order_confirm_image"
                android:layout_width="match_parent"
                android:layout_height="230dp"
                android:contentDescription="@string/food_description"
                android:scaleType="centerCrop"
                app:srcCompat="@drawable/a3" />

        </androidx.cardview.widget.CardView>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        android:paddingLeft="10dp"
        android:paddingTop="15dp"
        android:paddingRight="10dp"
        android:paddingBottom="15dp">

        <TextView
            android:id="@+id/viewFoodName"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="Sandwich"
            android:textAlignment="center"
            android:textColor="#272D2F"
            android:textSize="28dp"
            android:textStyle="bold" />

        <TextView
            android:id="@+id/viewFoodType"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
```

```
        android:textAlignment="center"
        android:text="@string/foodType"
        android:textColor="#272D2F"
        android:textSize="22dp"
    />
<TextView
    android:id="@+id/food_quantity"
    android:layout_width="80dp"
    android:layout_height="match_parent"
    android:layout_gravity="center"
    android:background="@drawable/input_style_01"
    android:gravity="center"
    android:text="@string/o_quantity"
    android:textAlignment="center"
    android:textColor="#272D2F"
    android:textSize="20sp"
    android:textStyle="bold" />

</LinearLayout>
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="center"
    android:orientation="horizontal">

    <Button
        android:id="@+id/q_minus_btn"
        android:layout_width="75dp"
        android:layout_height="wrap_content"
        android:text="@string/o_btn_remove"
        android:backgroundTint="@color/red"
        android:textSize="24sp"
        android:textStyle="bold" />

    <Button
        android:id="@+id/q_plus_btn"
        android:layout_width="80dp"
        android:layout_height="wrap_content"
        android:text="@string/o_btn_add"
        android:backgroundTint="@color/red"
        android:textSize="24sp"
        android:textStyle="bold" />

</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:orientation="vertical">

    <TextView
        android:id="@+id/unitPrice"
        android:layout_width="wrap_content"
```

```
        android:layout_height="match_parent"
        android:layout_weight="1"
        android:text="Unit Price"
        android:textColor="#272D2F"
        android:textSize="20sp"
        android:layout_gravity="center"/>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:orientation="horizontal">

        <TextView
            android:id="@+id/lkr"
            android:layout_width="wrap_content"
            android:layout_height="match_parent"
            android:layout_marginLeft="90dp"
            android:layout_weight="1"
            android:text="Rs:"
            android:textColor="#272D2F"
            android:textSize="20sp"
            android:textStyle="bold" />

        <TextView
            android:id="@+id/viewUnitPrice"
            android:layout_width="10dp"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="@string/o_subtotal_price"
            android:layout_marginRight="50dp"
            android:textColor="#272D2F"
            android:textSize="20dp" />

    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp">

        <TextView
            android:id="@+id/totalPrice"
            android:layout_width="wrap_content"
            android:layout_height="match_parent"
            android:layout_weight="1"
            android:text="Total Price"
            android:textColor="#272D2F"
            android:textSize="20sp" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="Rs:"
            android:alignment="textEnd"
            android:textColor="#272D2F"
            android:textSize="20sp"
```

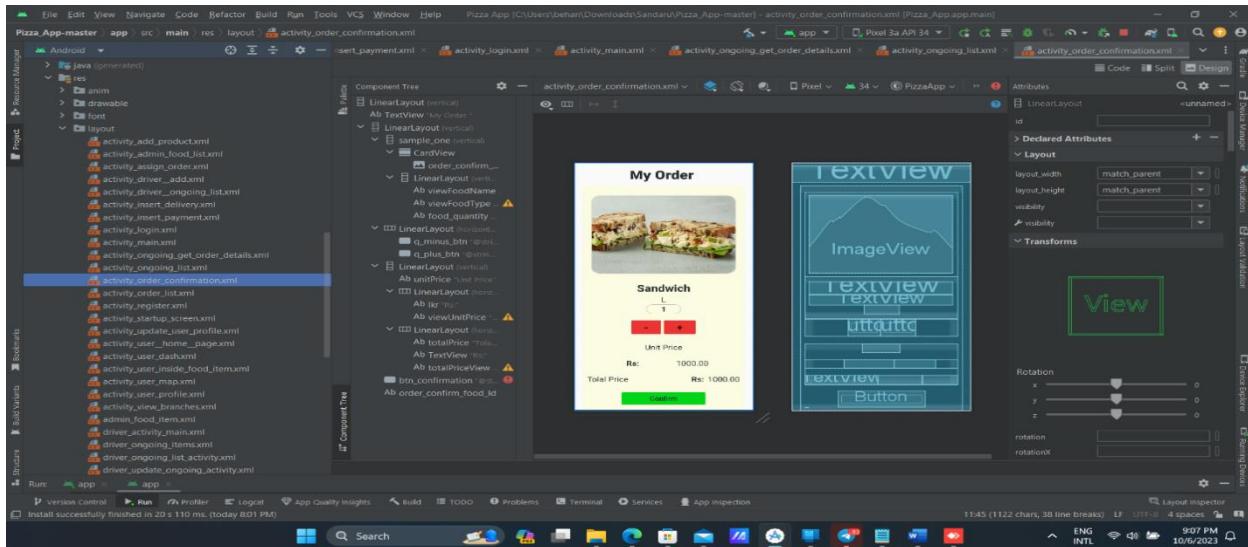
```
        android:textStyle="bold" />

    <TextView
        android:id="@+id/totalPriceView"
        android:layout_width="10dp"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="@string/o_subtotal_price"
        android:textAlignment="viewEnd"
        android:textColor="#272D2F"
        android:textSize="20dp" />
    </LinearLayout>

</LinearLayout>

<Button
    android:id="@+id/btn_confirmation"
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:layout_marginTop="20dp"
    android:backgroundTint="@color/green"
    android:text="@string/o_btn_confirm"
    android:textAllCaps="false"
    android:textColor="#272D2F"
    android:textSize="18sp" />

<TextView
    android:id="@+id/order_confirm_food_Id"
    android:layout_width="7dp"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:fontFamily="cursive"
    android:text=""
    android:textColor="@color/white"
    android:textSize="25dp"
    android:textStyle="bold" />
    </LinearLayout>
</LinearLayout>
```



```

<?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=".OrderList">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

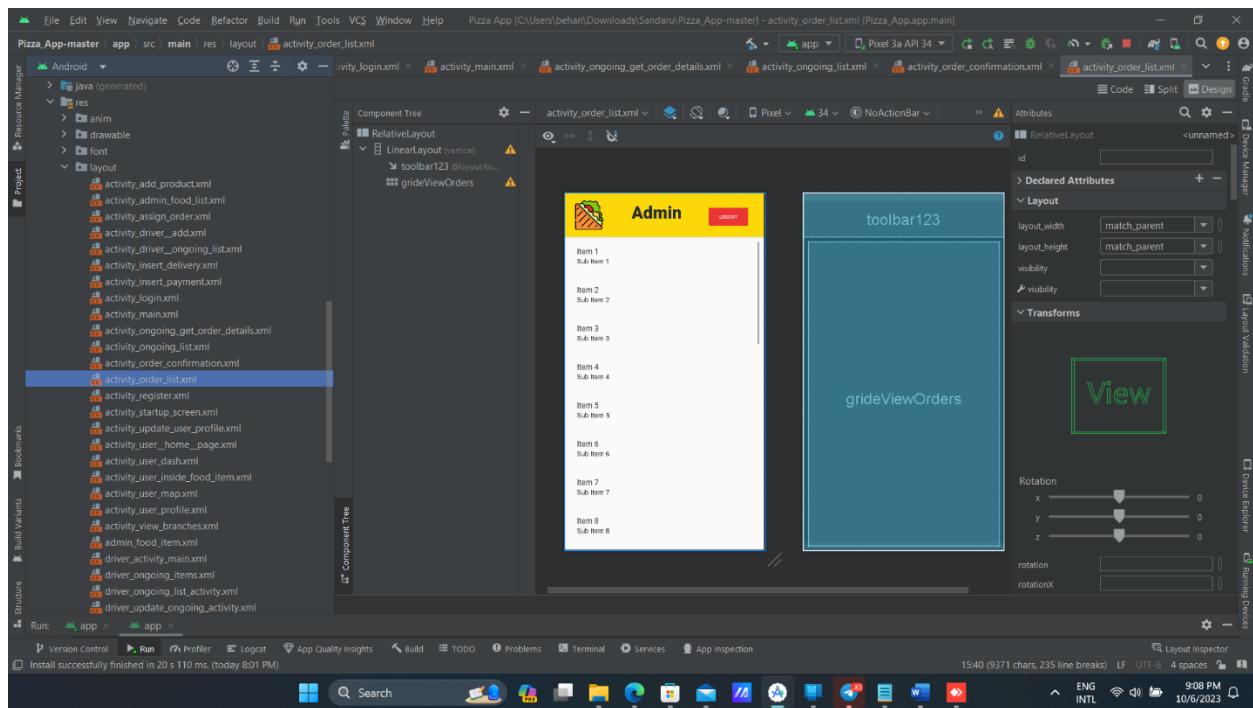
        <include
            android:id="@+id/toolbar123"
            layout="@layout/toolbar_admin"
            />

        <GridView
            android:id="@+id/grideViewOrders"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_alignParentTop="true"
            android:layout_centerHorizontal="true"
            android:verticalSpacing="15dp"
            android:gravity="center"
            android:layout_margin="10dp"
            android:layout_below="@+id/toolbar123"
            tools:layout_editor_absoluteX="188dp"
            tools:layout_editor_absoluteY="213dp" />

    </LinearLayout>

</RelativeLayout>

```



```
<?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:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".register">

    <LinearLayout
        android:layout_width="362dp"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:orientation="vertical"
        android:paddingLeft="17dp">

        <TextView
            android:layout_width="339dp"
            android:layout_height="68dp"
            android:fontFamily="sans-serif-black"
            android:text=" Register"
            android:textColor="#272D2F"
            android:textAlignment="center"
            android:textSize="40dp" />

        <LinearLayout
            android:layout_width="300dp"
            android:layout_height="wrap_content"
            android:layout_margin="20dp"
            android:orientation="vertical">
```

```
<EditText
    android:id="@+id/register_username"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:background="@drawable/backgroun_input"
    android:hint="@string/username"
    android:inputType="text"
    android:padding="10dp" />

<EditText
    android:id="@+id/register_email"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:background="@drawable/backgroun_input"
    android:hint="@string/email"
    android:inputType="textEmailAddress"
    android:padding="10dp" />

<EditText
    android:id="@+id/register_contactNumber"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:background="@drawable/backgroun_input"
    android:hint="@string/contact_number"
    android:inputType="numberDecimal"
    android:padding="10dp" />

<EditText
    android:id="@+id/register_password"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:background="@drawable/backgroun_input"
    android:hint="@string/password"
    android:inputType="textPassword"
    android:padding="10dp"
    app:counterEnabled="true"
    app:counterMaxLength="100" />

<EditText
    android:id="@+id/register_confirmPassword"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:background="@drawable/backgroun_input"
    android:hint="Confirm Password"
    android:inputType="textPassword"
    android:padding="10dp"
    app:counterEnabled="true"
    app:counterMaxLength="100" />
```

```

        </LinearLayout>

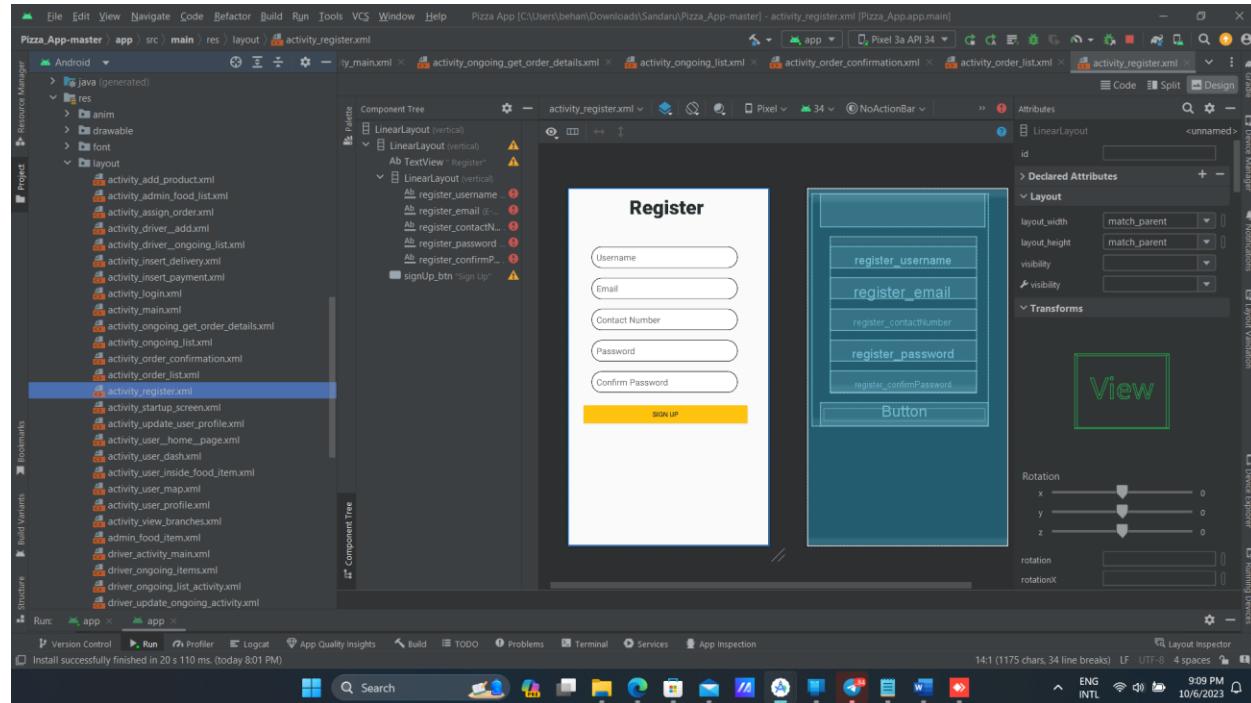
        <Button
            android:id="@+id/signUp_btn"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:backgroundTint="@color/dark_yellow"
            android:text="Sign Up"
            android:textColor="#272D2F"

        />

    </LinearLayout>

</LinearLayout>

```



```

<?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"
    android:background="@color/teal_700"
    tools:context=".startup_screen">

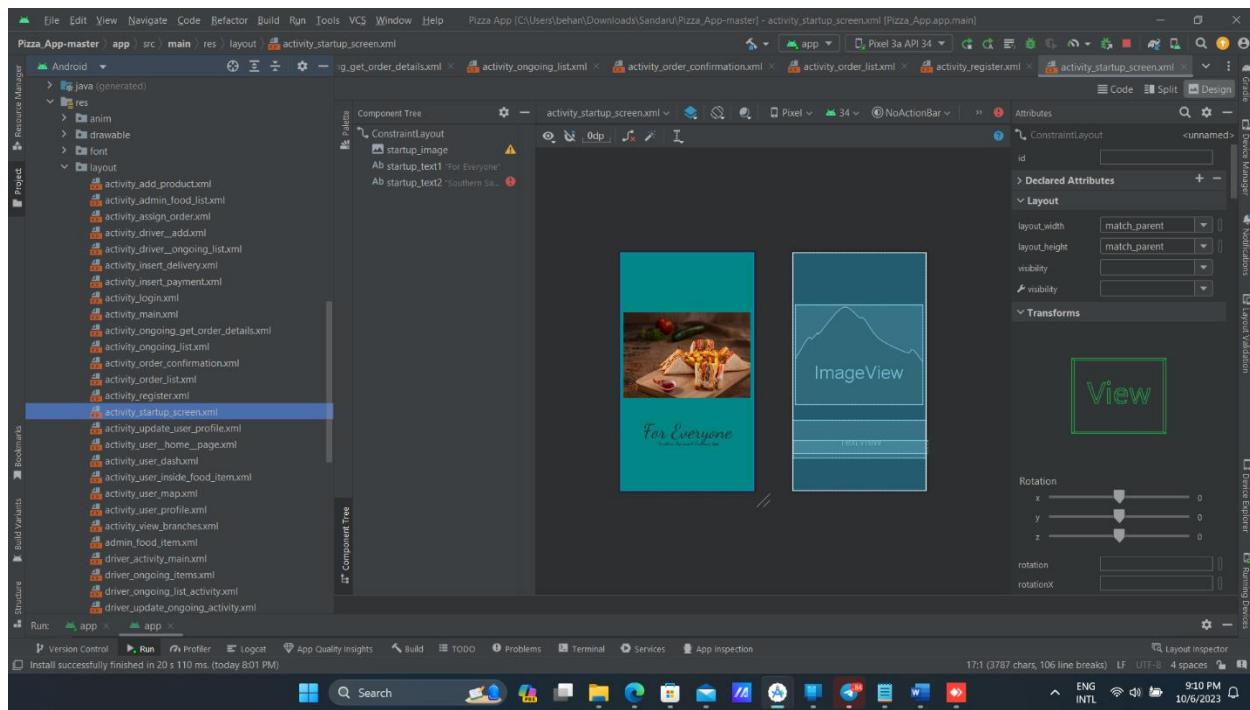
    <ImageView
        android:id="@+id/startup_image"
        android:layout_width="392dp"
        android:layout_height="308dp"

```

```
        android:src="@drawable/san"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.408"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.189"
        android:layout_marginTop="100dp"/>"

<TextView
    android:id="@+id/startup_text1"
    android:layout_width="match_parent"
    android:layout_height="114dp"
    android:fontFamily="cursive"
    android:text="For Everyone"
    android:textAlignment="center"
    android:textColor="#272D2F"
    android:textSize="60dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/startup_image"
    app:layout_constraintVertical_bias="0.301" />

<TextView
    android:id="@+id/startup_text2"
    android:layout_width="416dp"
    android:layout_height="41dp"
    android:fontFamily="cursive"
    android:text="Southern Sandwich Ordering App"
    android:textAlignment="center"
    android:textColor="#272D2F"
    android:textSize="15dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.791"
    android:textStyle="bold"
    android:layout_marginTop="400px"/>
</androidx.constraintlayout.widget.ConstraintLayout>
```



```

<?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:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".update_user_profile">

    <LinearLayout
        android:layout_width="411dp"
        android:layout_height="731dp"
        android:layout_margin="10dp"
        android:orientation="vertical"
        android:paddingLeft="17dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">

            <ImageView
                android:id="@+id/back_btn"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:layout_marginTop="20dp"
                android:src="@drawable/back_btn" />

            <TextView
                android:layout_width="339dp"
                android:layout_height="68dp"
                android:layout_marginTop="20dp"

```

```
        android:fontFamily="sans-serif"
        android:text=" Update Your Profile"
        android:textColor="@color/black"
        android:textSize="30dp" />

    </LinearLayout>

    <LinearLayout
        android:layout_width="307dp"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:orientation="vertical">

        <ImageView
            android:layout_width="150dp"
            android:layout_height="150dp"
            android:layout_marginLeft="80dp"
            android:src="@drawable/user" />

        <TextView
            android:id="@+id/update_username"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="20dp"
            android:background="@drawable/backgroun_input"
            android:hint="@string/username"
            android:inputType="text"
            android:padding="10dp" />

        <EditText
            android:id="@+id/update_email"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="20dp"
            android:background="@drawable/backgroun_input"
            android:hint="@string/email"
            android:inputType="textEmailAddress"
            android:padding="10dp" />

        <EditText
            android:id="@+id/update_contactNumber"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="20dp"
            android:background="@drawable/backgroun_input"
            android:hint="@string/contact_number"
            android:inputType="numberDecimal"
            android:padding="10dp" />

        <EditText
            android:id="@+id/update_password"
            android:layout_width="match_parent"
```

```

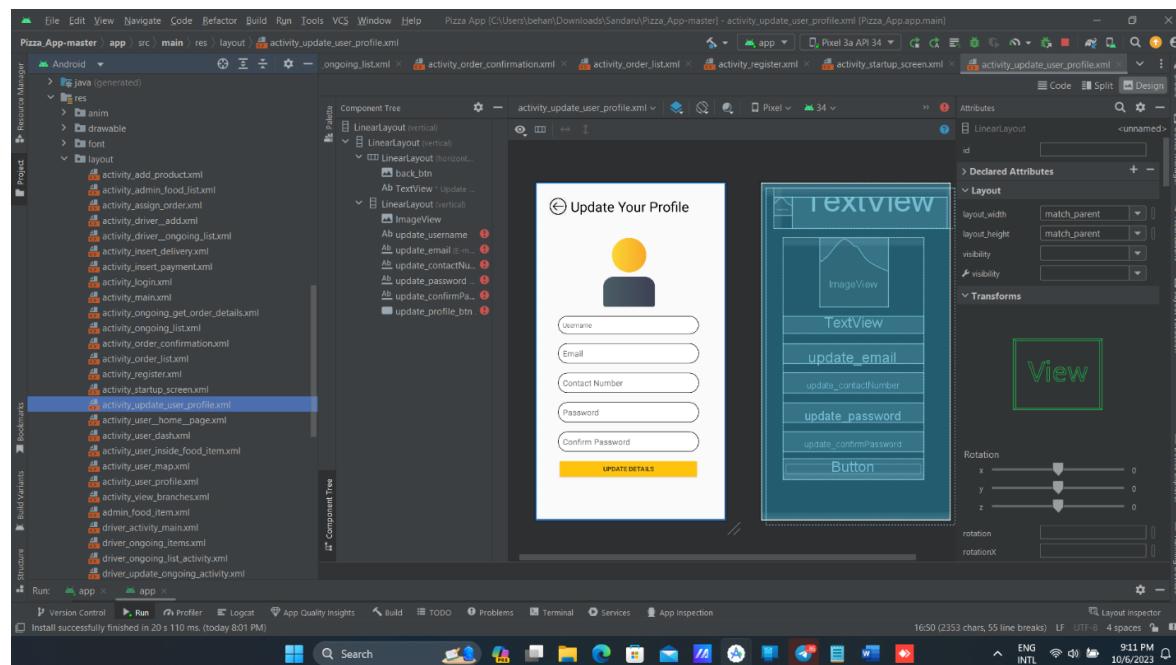
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/password"
        android:inputType="textPassword"
        android:padding="10dp"
        app:counterEnabled="true"
        app:counterMaxLength="100" />

    <EditText
        android:id="@+id/update_confirmPassword"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:background="@drawable/backgroun_input"
        android:hint="Confirm Password"
        android:inputType="textPassword"
        android:padding="10dp"
        app:counterEnabled="true"
        app:counterMaxLength="100" />

    <Button
        android:id="@+id/update_profile_btn"
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:layout_marginTop="15dp"
        android:backgroundTint="@color/dark_yellow"
        android:text="Update Details"
        android:textColor="#272D2F" />

</LinearLayout>
</LinearLayout>
</LinearLayout>

```



```
<?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=".user_Home_Page">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            >

            <LinearLayout
                android:layout_width="match_parent"
                android:background="@color/white"
                android:layout_height="58dp"
                >

                <ImageView
                    android:layout_width="50dp"
                    android:layout_height="50dp"
                    android:layout_marginTop="10dp"
                    android:src="@drawable/ic_baseline_bar_chart_24" />

                <TextView
                    android:layout_width="165dp"
                    android:layout_height="wrap_content"
                    android:layout_weight="1"
                    android:fontFamily="sans-serif-black"
                    android:text="Menu"
                    android:textColor="#272D2F"
                    android:textAlignment="center"
                    android:textSize="40dp"
                    />

                <ImageView
                    android:layout_width="50dp"
                    android:layout_height="50dp"
                    android:layout_marginTop="10dp"
                    android:layout_marginRight="20dp"
                    android:src="@drawable/ic_baseline_shopping_bag_24" />

            </LinearLayout>
            <GridView
                android:id="@+id/grideviewl2"
                >
```

```

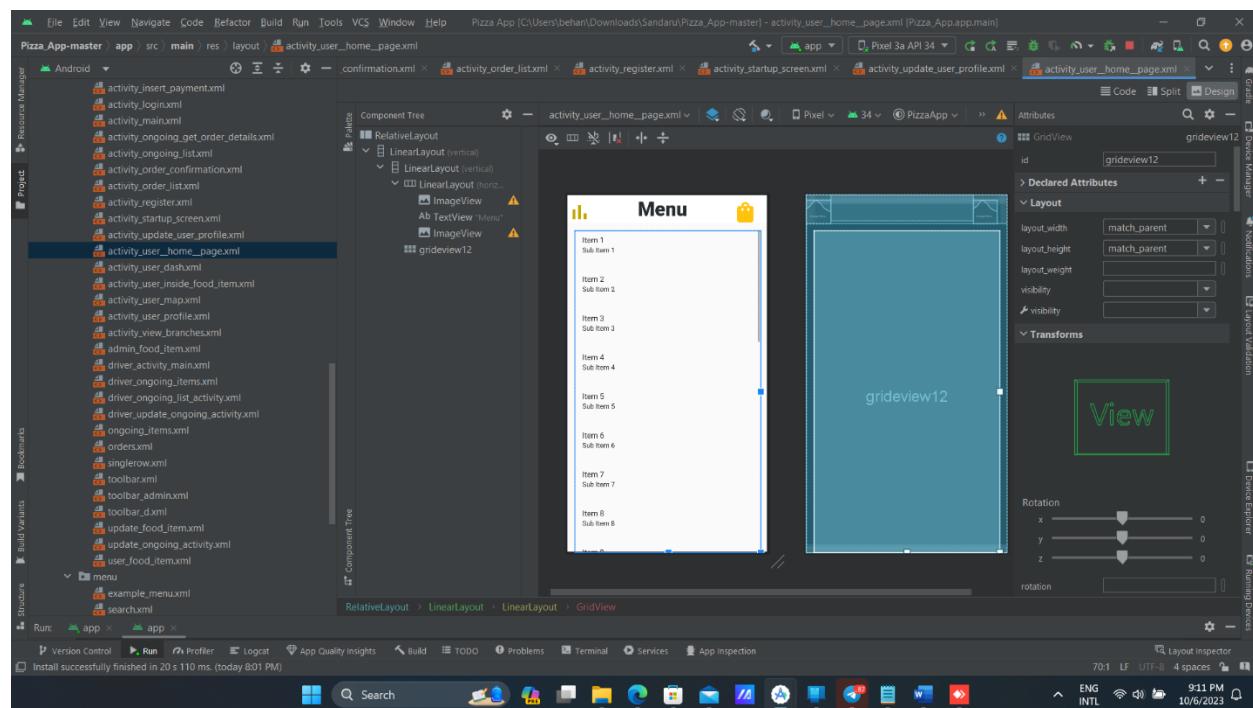
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginLeft="15dp"
        android:layout_marginRight="15dp"
        android:layout_marginTop="15dp"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:verticalSpacing="16dp"
        android:scrollbars="vertical"
        tools:layout_editor_absoluteX="188dp"
        tools:layout_editor_absoluteY="213dp"

    />

</LinearLayout>

</RelativeLayout>

```



```

<?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=".UserDash"
    >

```

```

<include
    android:id="@+id/toolbar1"
    layout="@layout/toolbar"
/>

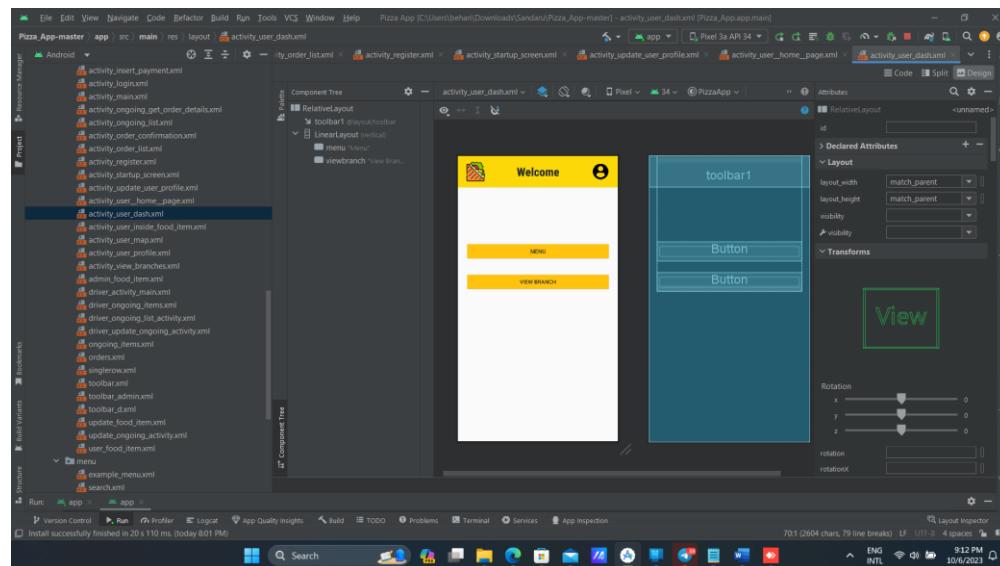
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="20dp"
    android:layout_marginTop="0dp"
    android:layout_marginEnd="20dp"
    android:layout_marginBottom="20dp"
    android:orientation="vertical">

<Button
    android:id="@+id/menu"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="220dp"
    android:backgroundTint="@color/dark_yellow"
    android:text="Menu"
    android:textColor="#272D2F" />

<Button
    android:id="@+id/viewbranch"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:backgroundTint="@color/dark_yellow"
    android:text="View Branch"
    android:textColor="#272D2F" />

</LinearLayout>
</RelativeLayout>

```



```
<?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=".user_inside_food_item">

    <TextView
        android:id="@+id/textView3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:text="Order Now "
        android:fontFamily="sans-serif-black"
        android:textAlignment="center"
        android:textColor="#272D2F"
        android:textSize="35dp"
        android:textStyle="bold" />

    <LinearLayout
        android:id="@+id/layout"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="10dp"
        android:layout_marginRight="10dp"
        android:layout_marginTop="10dp"
        android:layout_below="@id/textView3"
        android:background="@drawable/card_style_2"
        android:orientation="vertical">

        <LinearLayout
            android:id="@+id/sample_one"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="10dp"
            android:orientation="vertical">

            <androidx.cardview.widget.CardView
                android:layout_width="match_parent"
                android:layout_height="230dp"
                android:layout_margin="10dp"
                app:cardCornerRadius="20dp">

                <ImageView
                    android:id="@+id/imageView234"
                    android:layout_width="match_parent"
                    android:layout_height="230dp"
                    android:scaleType="centerCrop"
                    app:srcCompat="@drawable/a3" />

            </androidx.cardview.widget.CardView>

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:orientation="vertical">
```

```
        android:paddingLeft="10dp"
        android:paddingTop="10dp"
        android:paddingRight="10dp"
        android:paddingBottom="10dp">

        <TextView
            android:id="@+id/checkout_food_name"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="Sandwich"
            android:textAlignment="center"
            android:textColor="#272D2F"
            android:textSize="28dp"
            android:textStyle="bold" />

        <TextView
            android:id="@+id/type"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="Type"
            android:textAlignment="center"
            android:textColor="#272D2F"
            android:textSize="22dp"
            />

    </LinearLayout>
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">

    <TextView
        android:id="@+id/checkout_food_description"
        android:layout_width="64dp"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:padding="10dp"
        android:text="@string/description"
        android:layout_marginBottom="10dp"
        android:textAlignment="center"
        android:textColor="#272D2F"
        android:textSize="20dp" />

    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginBottom="20dp"
        android:orientation="horizontal">

        <TextView
            android:id="@+id/lkr"
```

```
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="Rs :"
        android:textAlignment="textEnd"
        android:textColor="#272D2F"
        android:textSize="20sp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/checkout_total"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="500"
        android:textAlignment="textStart"
        android:textColor="#272D2F"
        android:textSize="20sp"
        android:textStyle="bold" />

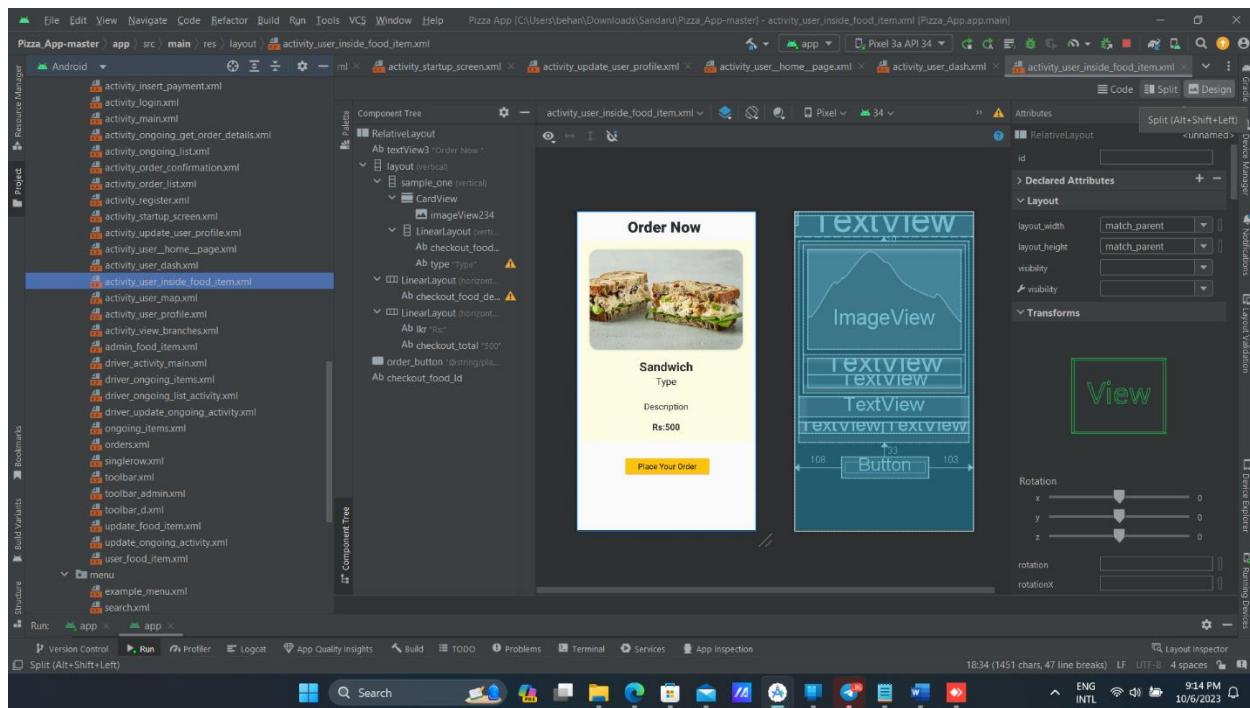
    </LinearLayout>

</LinearLayout>

<Button
    android:id="@+id/order_button"
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:layout_below="@+id/layout"
    android:layout_alignParentStart="true"
    android:layout_alignParentEnd="true"
    android:layout_gravity="center"
    android:layout_marginStart="108dp"
    android:layout_marginTop="33dp"
    android:layout_marginEnd="103dp"
    android:backgroundTint="@color/dark_yellow"
    android:text="@string/place_order"
    android:textAllCaps="false"
    android:textColor="#272D2F"
    android:textSize="18sp" />

<TextView
    android:id="@+id/checkout_food_Id"
    android:layout_width="7dp"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:fontFamily="cursive"
    android:text=""
    android:textColor="@color/white"
    android:textSize="25dp"
    android:textStyle="bold" />

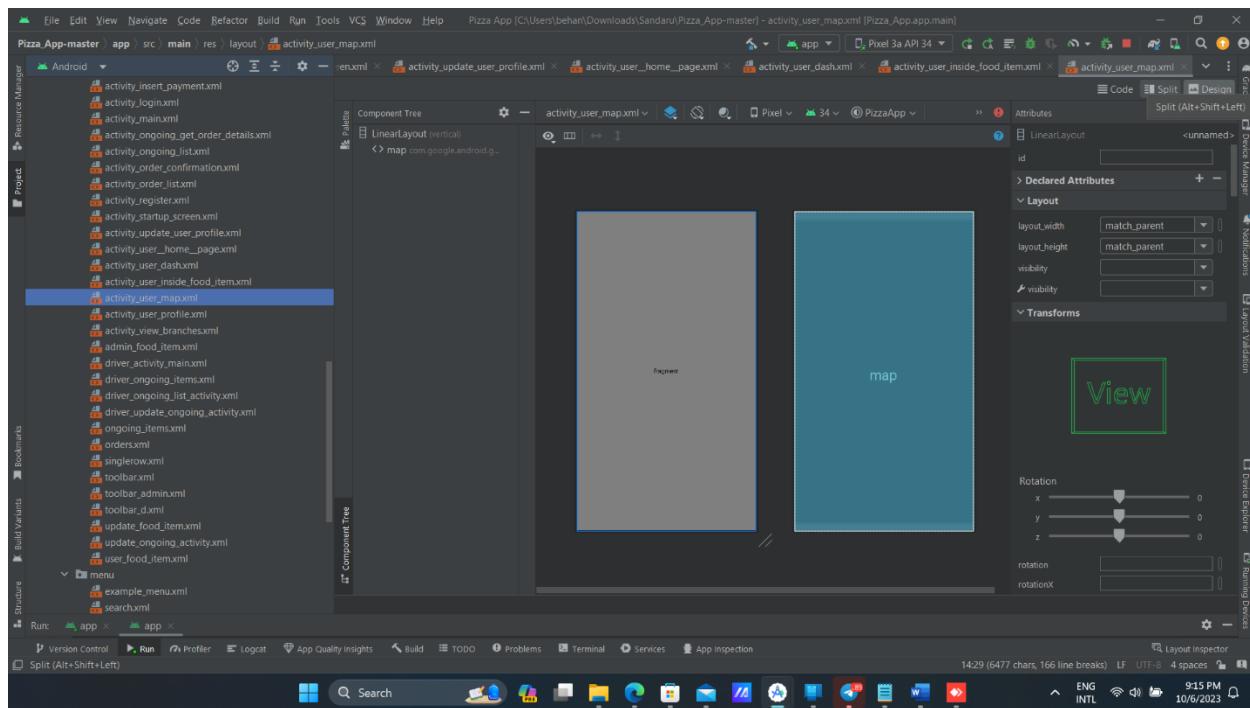
</RelativeLayout>
```



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    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:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".UserMap"
    android:orientation="vertical">

<fragment
    android:id="@+id/map"
    android:name="com.google.android.gms.maps.SupportMapFragment"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    />

</LinearLayout>
```



```
<?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:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".register">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        >

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:background="@color/yellow"
            android:orientation="vertical">

            <TextView
                android:layout_width="match_parent"
                android:layout_height="68dp"
                android:layout_marginTop="20dp"
                android:fontFamily="sans-serif-smallcaps"
                android:text=" Your Profile"
                android:textAlignment="center"
                android:textColor="#272D2F"
                android:textSize="40dp" />


```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:src="@drawable/profile2"
        android:layout_margin="10dp"
        />

    <Button
        android:id="@+id/logout_btn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="70dp"
        android:layout_marginLeft="50dp"
        android:text="Logout"
        android:textSize="20dp"
        android:backgroundTint="@color/red"
        android:paddingLeft="40dp"
        android:paddingRight="40dp"
        />

    </LinearLayout>

</LinearLayout>

<LinearLayout
    android:layout_width="307dp"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:layout_marginLeft="45dp"
    android:orientation="vertical">

    <TextView
        android:id="@+id/profile_username"
        android:layout_marginTop="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/background_input"
        android:padding="10dp"
        android:hint="@string/username"
        android:inputType="text"
        />

    <TextView
        android:id="@+id/profile_email"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        />

```

```
        android:background="@drawable/backgroun_input"
        android:hint="@string/email"
        android:inputType="textEmailAddress"
        android:padding="10dp" />

    <TextView
        android:id="@+id/profile_contactNumber"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/contact_number"
        android:inputType="numberDecimal"
        android:padding="10dp" />

    <TextView
        android:id="@+id/profile_password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:background="@drawable/backgroun_input"
        android:hint="@string/password"
        android:inputType="textPassword"
        android:padding="10dp"
        app:counterEnabled="true"
        app:counterMaxLength="100" />

</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="20dp"
    >

    <Button
        android:id="@+id/profile_edit_btn"
        android:layout_width="170dp"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/dark_yellow"
        android:layout_marginTop="30dp"
        android:textColor="#272D2F"
        android:text="Edit Profile"/>

    <Button
        android:id="@+id/profile_delete_btn"
        android:layout_width="170dp"
        android:layout_height="wrap_content"
        android:layout_marginLeft="25dp"
        android:layout_marginTop="30dp"
        android:backgroundTint="@color/dark_yellow"
        android:textColor="#272D2F"
        android:text="Delete Profile"/>

```

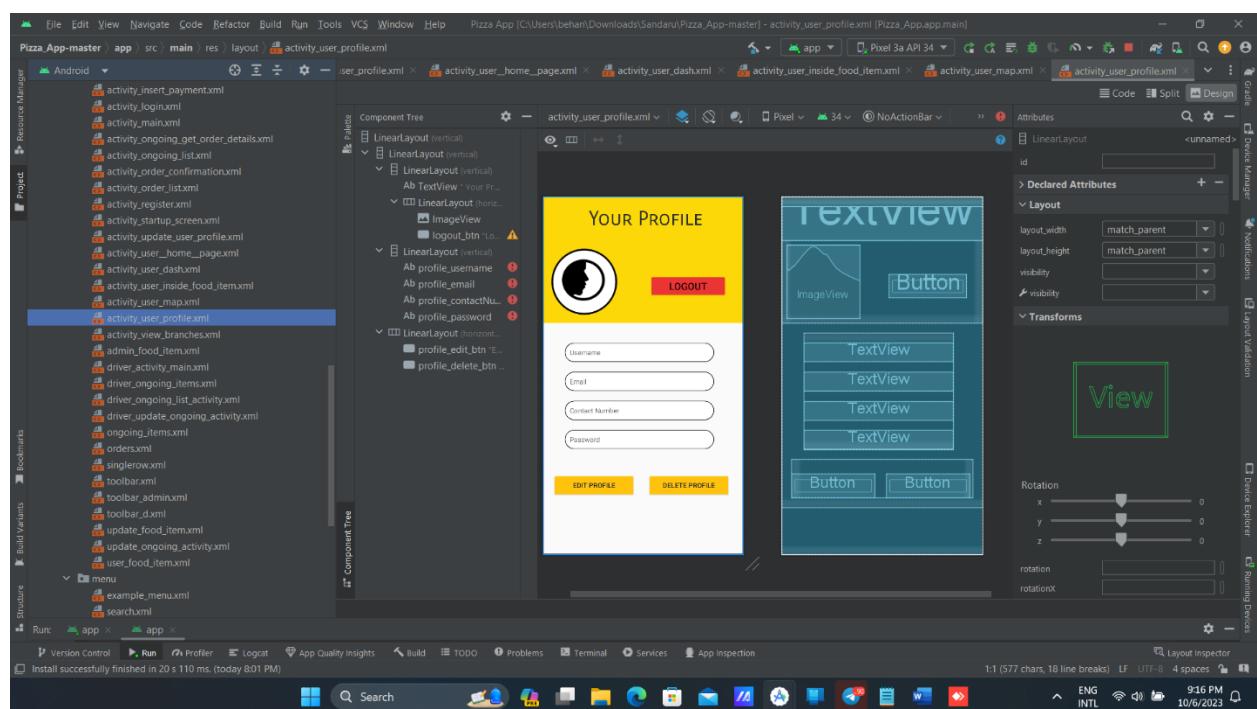
```

</LinearLayout>

</LinearLayout>

</LinearLayout>

```



```

<?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:layout_height="match_parent"
    tools:context=".ViewBranches"
    android:orientation="vertical"
    >
    <include
        android:id="@+id/toolbar1"
        layout="@layout/toolbar_d"
    />

    <LinearLayout
        android:layout_width="375dp"
        android:layout_height="180dp"
        android:layout_margin="20dp"
    >

```

```
        android:background="@drawable/backgroun_input"
        android:orientation="vertical">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Matara Branch"
        android:textAlignment="center"
        android:textStyle="bold"
        android:textSize="20dp"/>
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Open at: 9.00am to10.00pm"
        android:textStyle="bold"
        android:textSize="17dp"/>
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Fast delivery"
        android:textStyle="bold"
        android:textSize="17dp"/>
    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Go to map"

        android:shadowColor="@color/black"
        android:backgroundTint="@color/teal_700"
        android:id="@+id/gotomap1"/>
</LinearLayout>

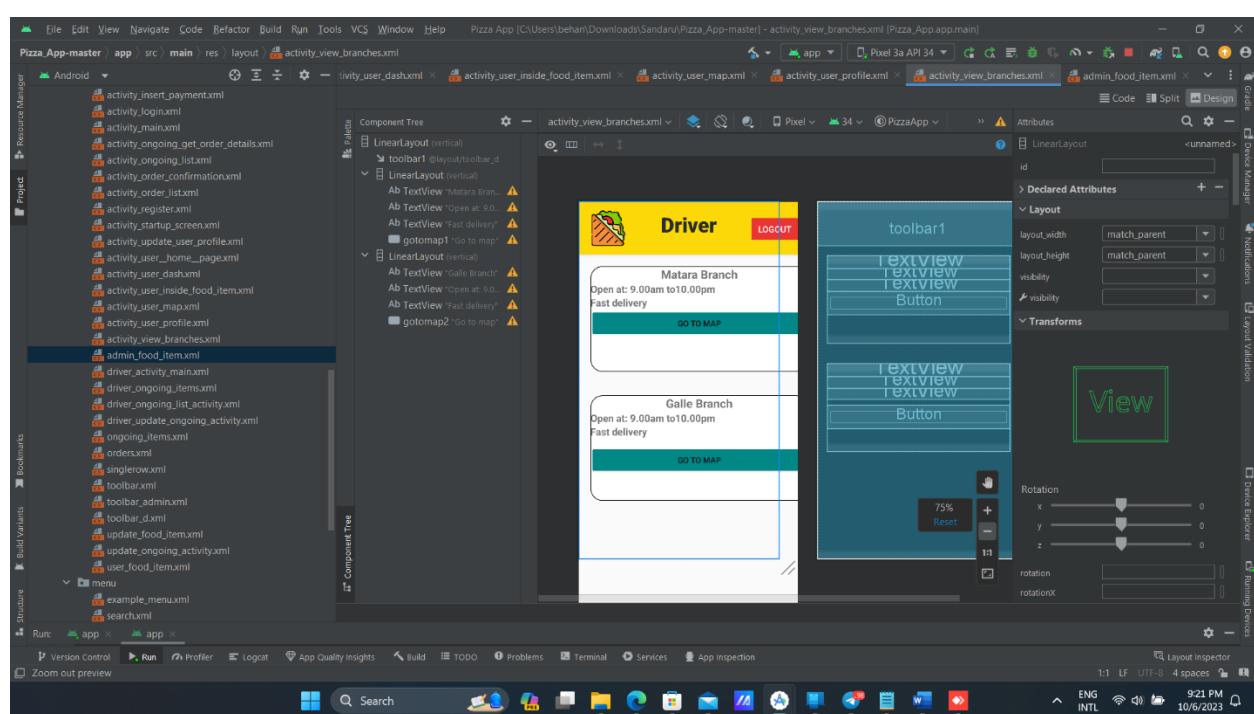
<LinearLayout
    android:layout_width="375dp"
    android:layout_height="180dp"
    android:layout_margin="20dp"
    android:background="@drawable/backgroun_input"
    android:orientation="vertical">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Galle Branch"
        android:textAlignment="center"
        android:textStyle="bold"
        android:textSize="20dp"/>
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Open at: 9.00am to10.00pm"
        android:textStyle="bold"
        android:textSize="17dp"/>
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Fast delivery"
        android:textStyle="bold"
        android:textSize="17dp"/>
    <Button
```

```

        android:id="@+id/gotomap2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="13dp"
        android:backgroundTint="@color/teal_700"
        android:shadowColor="@color/black"
        android:text="Go to map" />
    </LinearLayout>

</LinearLayout>

```



```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:background="@color/white"
    android:orientation="vertical">

    <ImageView
        android:id="@+id/imgFood"
        android:layout_width="match_parent"
        android:layout_height="300dp"
        android:scaleType="centerCrop"
        android:src="@drawable/i" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

```

```

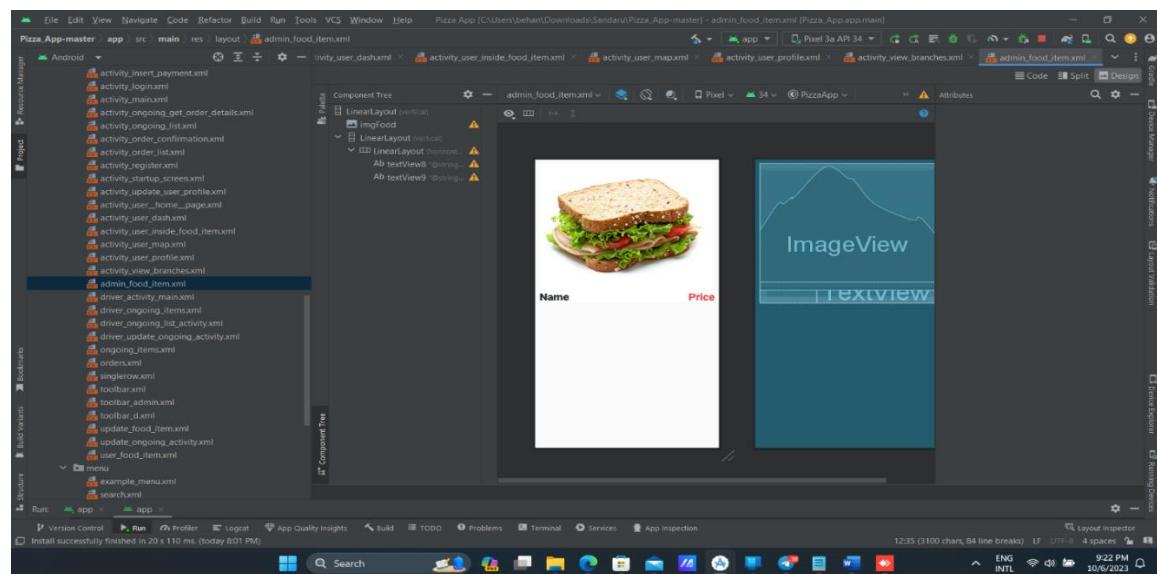
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:orientation="horizontal">

    <TextView
        android:id="@+id/textView8"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:textSize="25dp"
        android:fontFamily="sans-serif-black"
        android:text="@string/food_name"
        android:textColor="#272D2F"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/textView9"
        android:layout_width="205dp"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:fontFamily="sans-serif"
        android:text="@string/food_price"
        android:textAlignment="viewEnd"
        android:textColor="@color/red"
        android:textSize="25dp"
        android:textStyle="bold" />
</LinearLayout>

</LinearLayout>

```



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    >

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_margin="10dp"
            android:background="@drawable/backgroun_input"
            android:orientation="horizontal">

            <LinearLayout
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_margin="10dp"
                android:layout_marginTop="20dp"
                android:orientation="vertical">

                <TextView
                    android:id="@+id/samplenewdriverid"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="New DriverID"
                    android:textStyle="bold" />

                <TextView
                    android:id="@+id/samplenewdrivername"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="New Driver Name"
                    android:textStyle="bold" />

                <TextView
                    android:id="@+id/samplenewdrivernumber"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="New Driver Phone Number"
                    android:textStyle="bold" />

                <TextView
                    android:id="@+id/samplenewdriveraddress"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="New Driver Address"
                    android:textStyle="bold" />

```

```
<TextView
    android:id="@+id/samplenewdriveremail"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="New Driver Email"
    android:textStyle="bold" />

<TextView
    android:id="@+id/samplenewdrivervehiclemode1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Vehicle Model"
    android:textStyle="bold" />

<TextView
    android:id="@+id/samplenewdrivervehiclenumber"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Vehicle Number"
    android:textStyle="bold" />

<TextView
    android:id="@+id/samplenewdriverdob"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="DOB"
    android:textStyle="bold" />
</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:layout_margin="10dp"
    android:orientation="vertical">

    <TextView
        android:id="@+id/txtnewdriverid"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="New DriverID"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/txtnewdrivername"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="New Driver Name"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/txtnewdrivernumber"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="New Driver Phone Number"
        android:textStyle="bold" />
```

```

<TextView
    android:id="@+id/txtnewdriveraddress"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="New Driver Address"
    android:textStyle="bold" />

<TextView
    android:id="@+id/txtnewdriveremail"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="New Driver Email"
    android:textStyle="bold" />

<TextView
    android:id="@+id/txtnewdrivervehiclemodel"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Vehicle Model"
    android:textStyle="bold" />

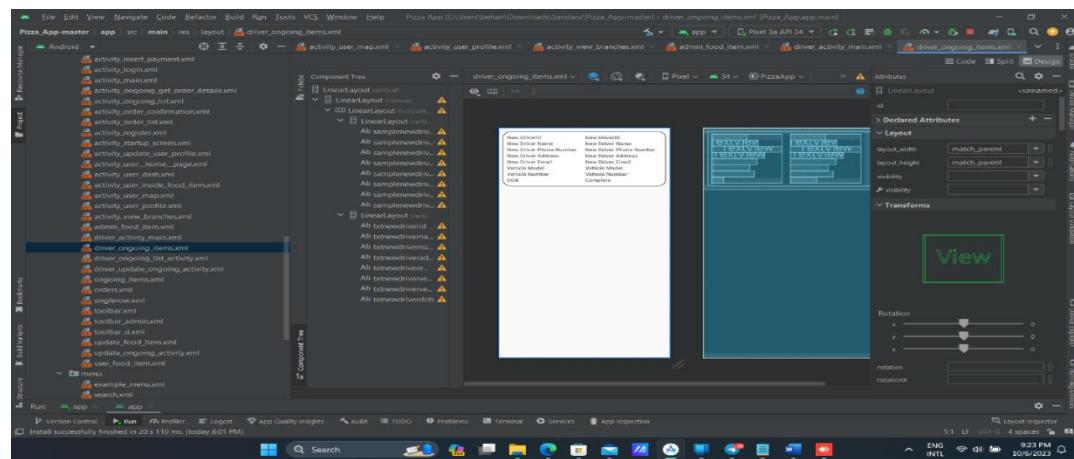
<TextView
    android:id="@+id/txtnewdrivervehiclenumber"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Vehicle Number"
    android:textStyle="bold" />

<TextView
    android:id="@+id/txtnewdriverdob"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Complete"
    android:textStyle="bold" />

</LinearLayout>
</LinearLayout>

</LinearLayout>
</LinearLayout>

```

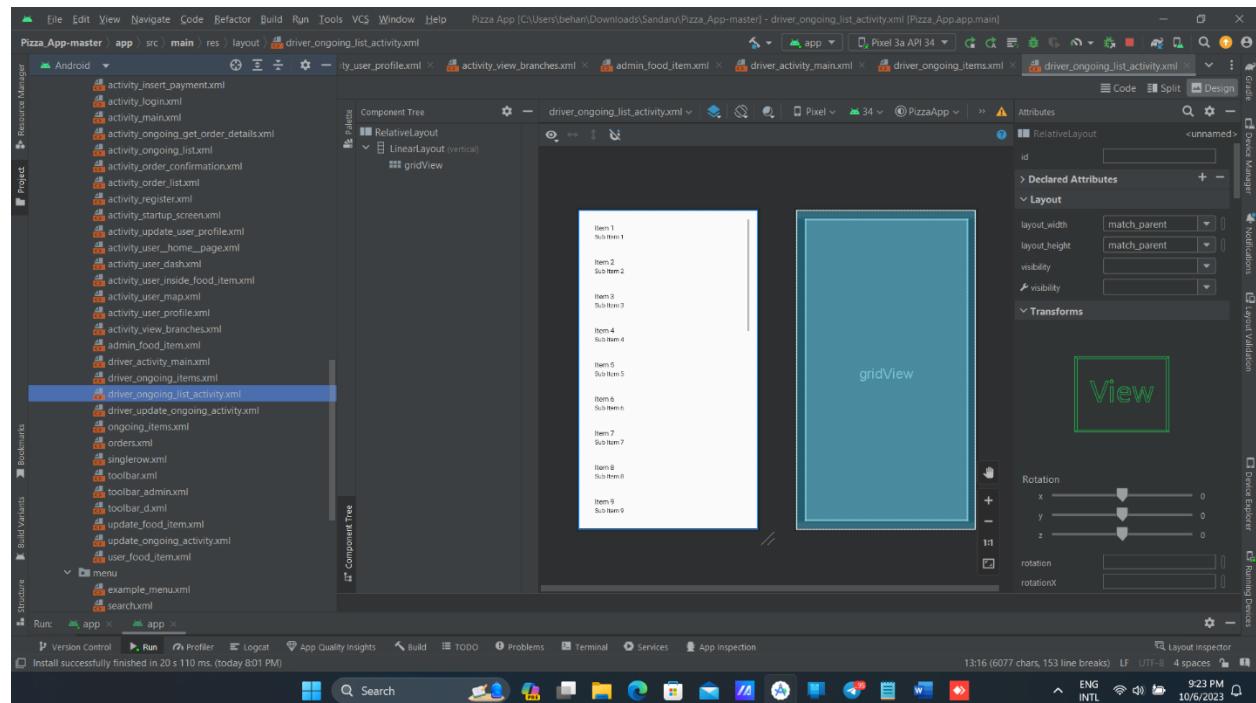


```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:tools="http://schemas.android.com/tools">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">
        <GridView
            android:id="@+id/gridView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentTop="true"
            android:layout_centerHorizontal="true"
            android:gravity="center"
            android:layout_margin="20dp"
            android:verticalSpacing="15dp"
            tools:layout_editor_absoluteX="188dp"
            tools:layout_editor_absoluteY="213dp"/>
    </LinearLayout>
</RelativeLayout>

```



```

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

```

```
xmlns:android="http://schemas.android.com/apk/res/android"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:orientation="vertical"
android:layout_margin="20dp">>

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:text="@string/editDriverDetails"
        android:textSize="25dp"
        android:textStyle="bold" />

    <EditText
        android:id="@+id/newdriverid"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdriverid"
        android:inputType="number" />

    <EditText
        android:id="@+id/newdrivername"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdrivername"
        android:inputType="textPersonName" />

    <EditText
        android:id="@+id/newdrivernumber"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdrivernumber"
        android:inputType="number" />

    <EditText
        android:id="@+id/newdriveraddress"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdriveraddress"
        android:inputType="textPersonName" />

    <EditText
        android:id="@+id/newdriveremail"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdriveremail"
        android:inputType="textPersonName" />

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

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdrivervehiclemode"
        android:inputType="textPersonName" />

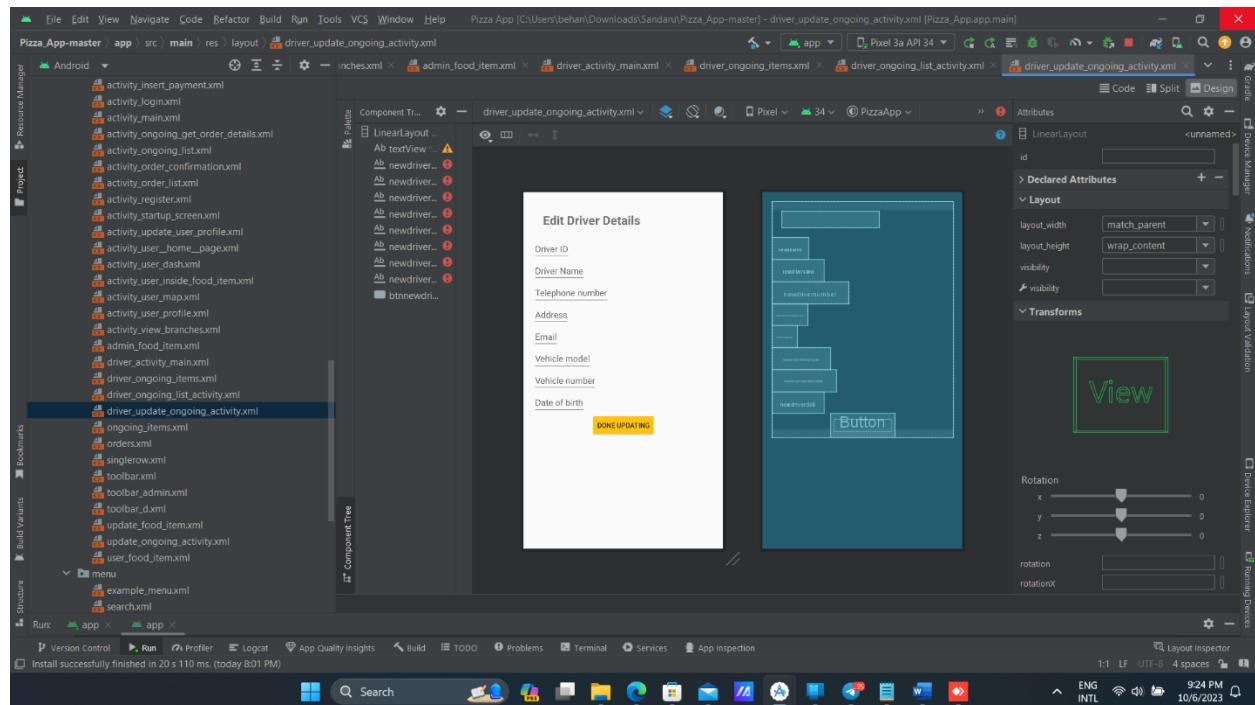
    <EditText
        android:id="@+id/newdrivervehiclenumber"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdrivervehiclenumber"
        android:inputType="textPersonName" />

    <EditText
        android:id="@+id/newdriverdob"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:hint="@string/newdriverdob"
        android:inputType="date" />

    <Button
        android:id="@+id/btnnewdriverupdated"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/dark_yellow"
        android:text="@string/btnnewdriverupdated"
        android:textColor="#272D2F"
        android:layout_gravity="center"/>

</LinearLayout>

```



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    >

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="10dp"
            android:background="@drawable/backgroun_input"
            android:orientation="horizontal">

            <LinearLayout
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_marginTop="20dp"
                android:layout_margin="10dp"
                android:orientation="vertical">

                <TextView
                    android:id="@+id/samplenewdriverid"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="Delivery ID"
                    android:textStyle="bold"
                    />

                <TextView
                    android:id="@+id/samplenewdrivername"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="Customer Name"
                    android:textStyle="bold" />

                <TextView
                    android:id="@+id/samplenewdrivernumber"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="Customer Phone Number"
                    android:textStyle="bold"/>

                <TextView
                    android:id="@+id/samplenewdriveraddress"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:textStyle="bold"
                    android:text="Customer Address" />

```

```
<TextView
    android:id="@+id/samplenewdriveremail"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="Price" />

<TextView
    android:id="@+id/samplenewdrivervehiclemodel"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="DriverID"
    />

<TextView
    android:id="@+id/samplenewdrivervehiclenumber"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="Driver Name" />
<TextView
    android:id="@+id/samplenewdrivervehicle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="Complete?" />

</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:layout_marginTop="20dp"
    android:layout_margin="10dp"
    android:layout_marginLeft="25dp">

    <TextView
        android:id="@+id/txtedtoderid"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="New DriverID"
        android:textStyle="bold"
        />

    <TextView
        android:id="@+id/txtedtname"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="New Driver Name"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/txtedtnumber"
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:text="New Driver Phone Number"
        android:textStyle="bold"/>

    <TextView
        android:id="@+id/txtedtaddress"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:text="New Driver Address" />

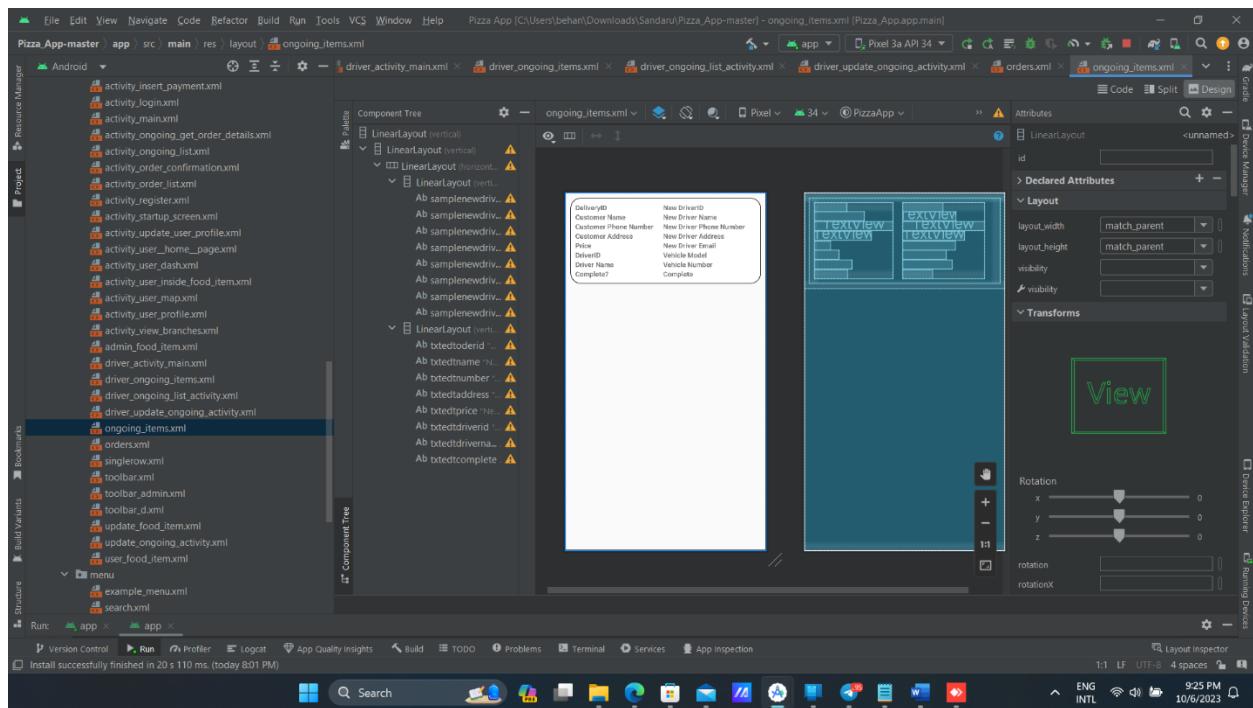
    <TextView
        android:id="@+id/txtedtprice"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:text="New Driver Email" />

    <TextView
        android:id="@+id/txtedtdriverid"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:text="Vehicle Model"
        />

    <TextView
        android:id="@+id/txtedtdrivername"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:text="Vehicle Number" />

    <TextView
        android:id="@+id/txtedtcomplete"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Complete"
        android:textStyle="bold"/>

        </LinearLayout>
    </LinearLayout>
</LinearLayout>
```



```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="20dp"
    android:layout_marginEnd="15dp"
    android:background="@drawable/backgroun_input"
    android:orientation="vertical"
    android:paddingLeft="20dp"
    android:paddingEnd="20dp">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <TextView
            android:id="@+id/orderId"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/OrderId"
            android:textColor="@color/black"
            android:textSize="18sp" />

        <TextView
            android:id="@+id/orderIdView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/OrderId"
            android:textSize="18sp" />
    

```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal">

    <TextView
        android:id="@+id/productId"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/ProductId"
        android:textColor="@color/black"
        android:textSize="18sp" />

    <TextView
        android:id="@+id/productIdView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="FoodId"
        android:textSize="18sp" />
</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal">

    <TextView
        android:id="@+id/qty"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="@string/quantity"
        android:textColor="@color/black"
        android:textSize="18sp" />

    <TextView
        android:id="@+id/qtyView"
        android:layout_width="44dp"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="Qty"
        android:textSize="18sp" />
</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal">

    <TextView
        android:id="@+id/address"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="@string/address"
```

```
        android:textColor="@color/black"
        android:textSize="18sp" />

    <TextView
        android:id="@+id/addressView"
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:layout_weight="1"
        android:text="Address"
        android:textSize="18sp" />

</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal">

    <TextView
        android:id="@+id/contact"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="@string/Contact"
        android:textColor="@color/black"
        android:textSize="18sp" />

    <TextView
        android:id="@+id/contactView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="Contact"
        android:textSize="18sp" />

</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="10dp"
    android:orientation="horizontal">

    <TextView
        android:id="@+id/date"
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:layout_weight="1"
        android:text="@string/date"
        android:textColor="@color/black"
        android:textSize="18sp" />

    <TextView
        android:id="@+id/dateView"
```

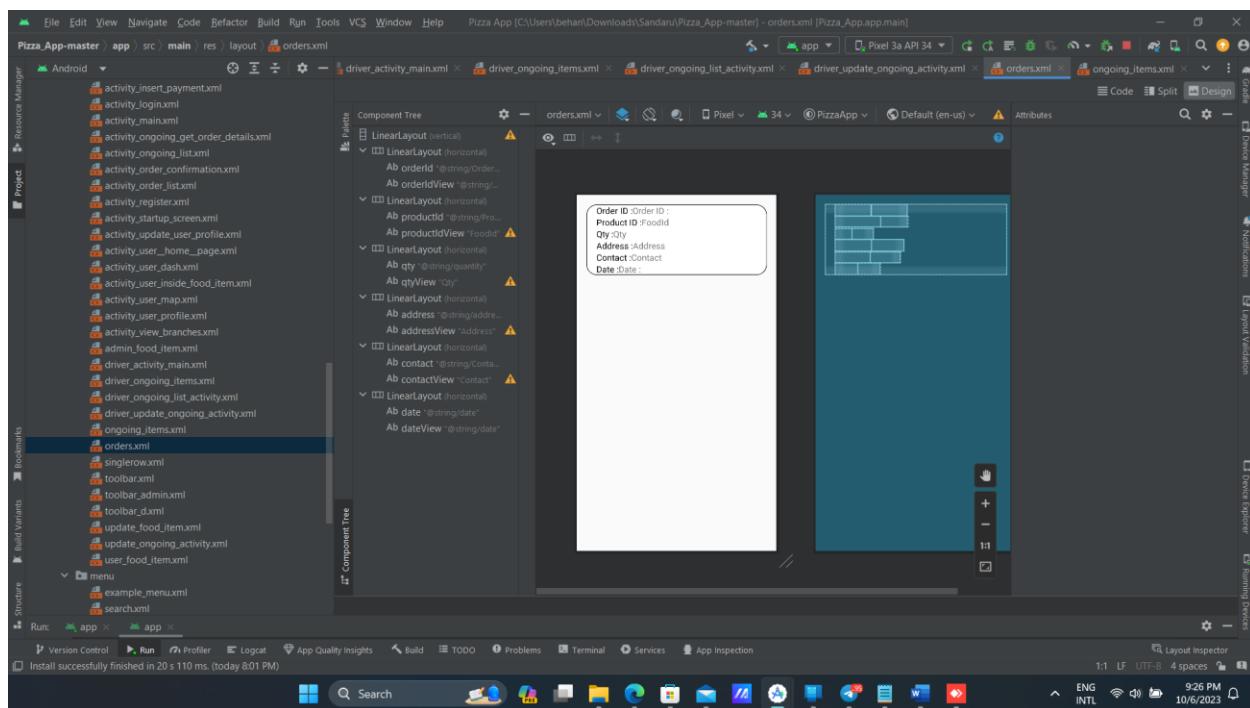
```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="@string/date"
        android:textSize="18sp" />

    </LinearLayout>

</LinearLayout>

```



```

<?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:layout_height="match_parent">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        tools:ignore="MissingConstraints"
        android:orientation="vertical"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="20dp"
        android:layout_marginBottom="10dp"
        android:layout_marginRight="10dp"
        android:background="@color/yellow">

        <ImageView

```

```
        android:layout_width="wrap_content"
        android:layout_height="250dp"
        android:scaleType="centerCrop"
        android:src="@drawable/b9"
    />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="horizontal"
        android:paddingLeft="10dp"
        android:paddingTop="20dp"
        android:paddingRight="10dp"
        android:paddingBottom="20dp">

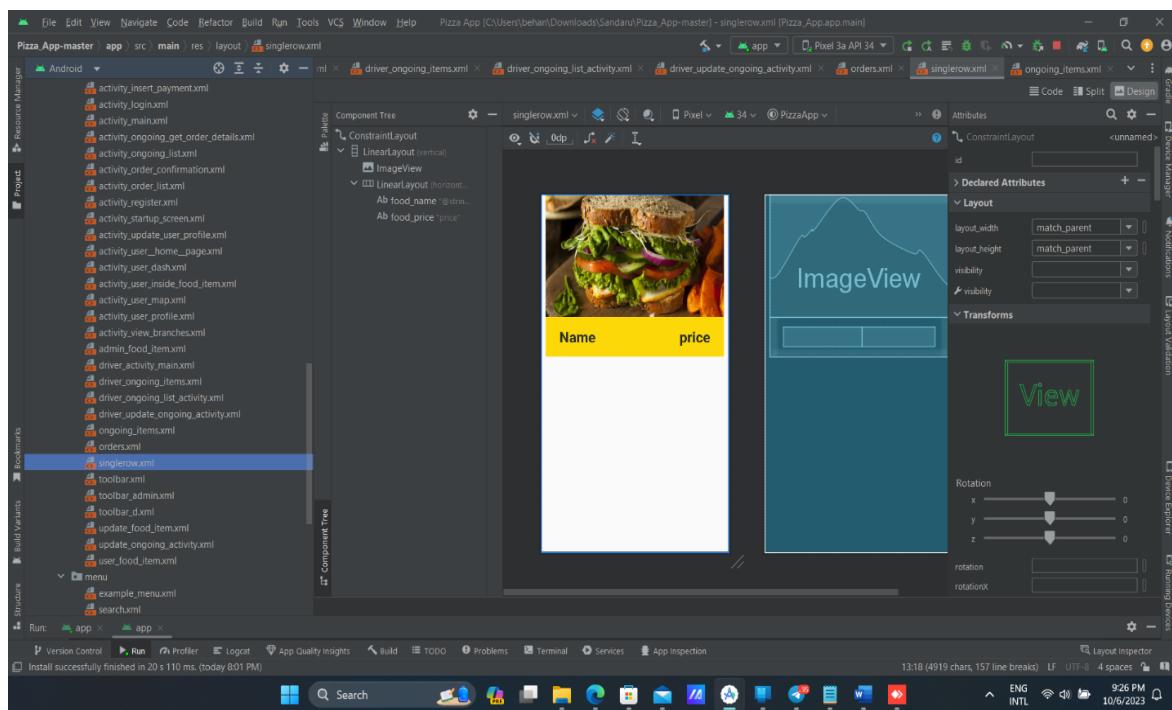
        <TextView
            android:id="@+id/food_name"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="@string/food_name"
            android:textColor="#272D2F"
            android:textSize="30dp"
            android:textStyle="bold"
            android:layout_marginLeft="20dp"/>

        <TextView
            android:id="@+id/food_price"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="price"
            android:textAlignment="viewEnd"
            android:textColor="#272D2F"
            android:textSize="30dp"
            android:textStyle="bold"
            android:layout_marginRight="20dp"/>

    </LinearLayout>

</LinearLayout>

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



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```
<?xml version="1.0" encoding="utf-8"?>
<androidx.appcompat.widget.Toolbar
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="@color/yellow"
    android:elevation="4dp"
    android:padding="15dp"
    android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar">

    <ImageView
        android:layout_width="60dp"
        android:layout_height="50dp"
        android:padding="0dp"
        android:src="@drawable/bread"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textColor="#272D2F"
        android:textStyle="bold"
        android:fontFamily="sans-serif-condensed-medium"
        android:textSize="30dp"
        android:layout_gravity="center"
        android:text="Welcome"/>

    <ImageView
        android:id="@+id/profile_btn"
        android:layout_width="40dp"
        android:layout_height="40dp"/>

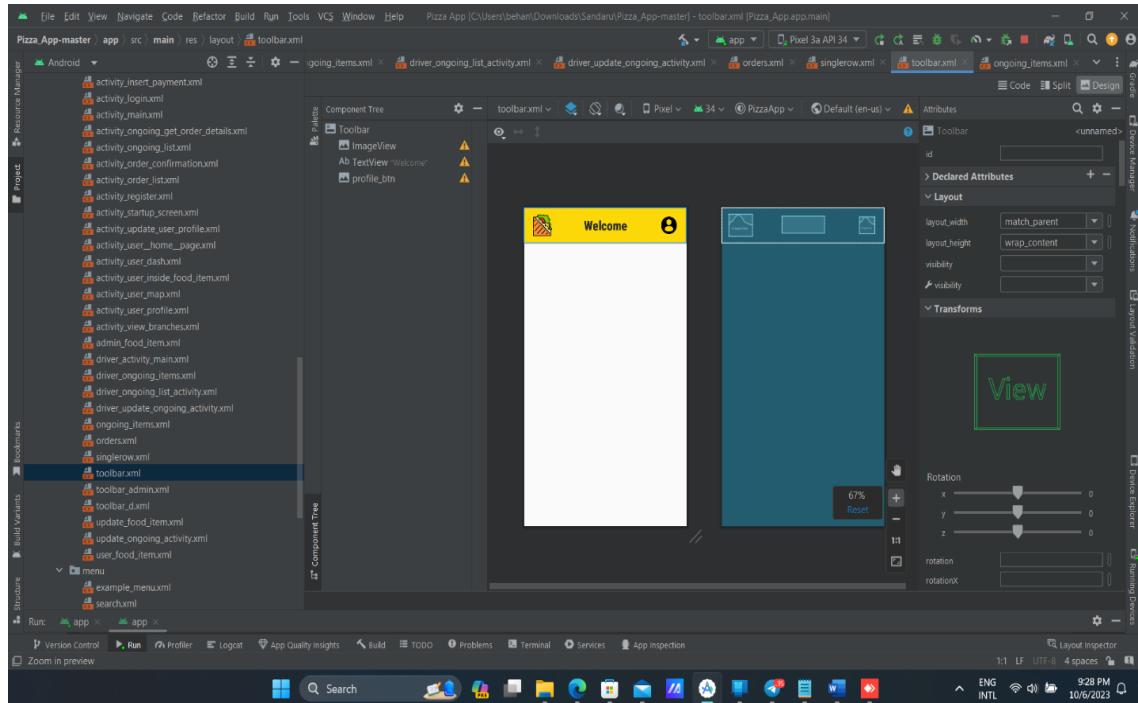
```

```

        android:layout_height="40dp"
        android:layout_centerVertical="true"
        android:layout_gravity="right"
        android:layout_marginRight="10dp"
        android:padding="0dp"
        android:src="@drawable/profile_icon"
    />

</androidx.appcompat.widget.Toolbar>

```



30

```

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

<androidx.appcompat.widget.Toolbar
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="@color/yellow"
    android:elevation="4dp"
    android:padding="15dp"
    android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <ImageView

```

```
        android:layout_width="70dp"
        android:layout_height="60dp"
        android:src="@drawable/bread"/>

    <TextView

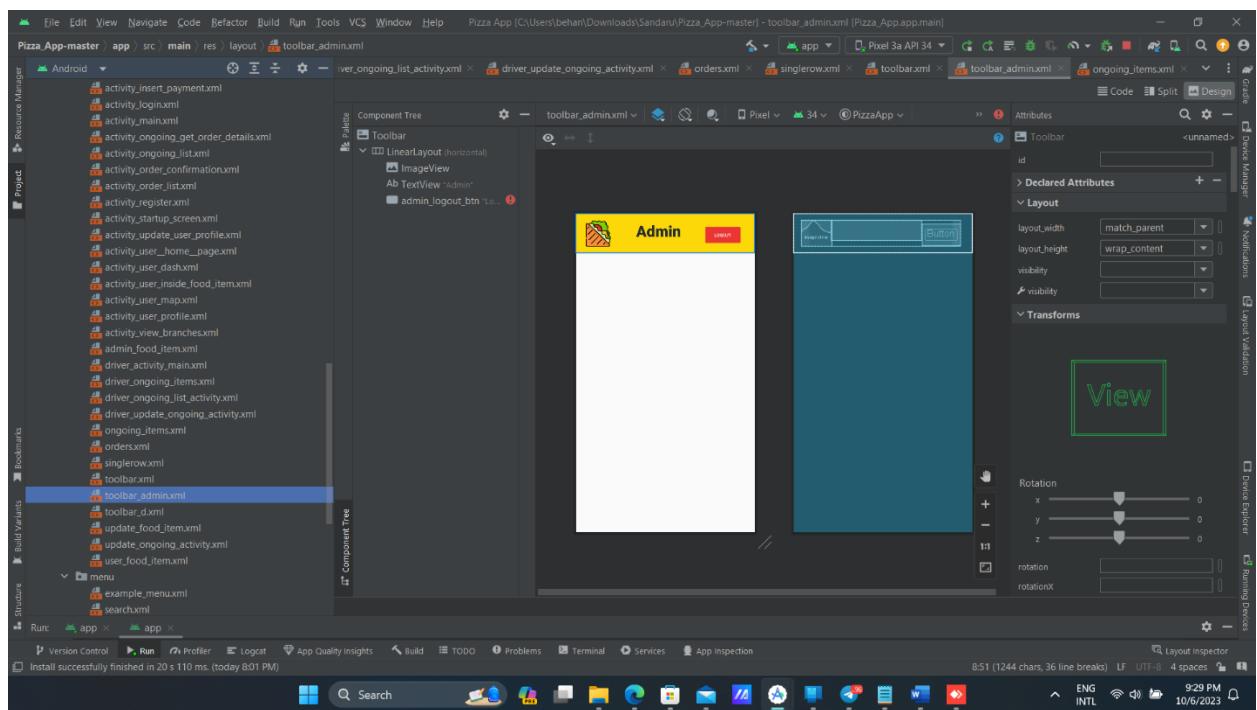
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:fontFamily="sans-serif-black"
        android:text="Admin"
        android:textColor="#272D2F"
        android:textSize="35dp"
        android:textAlignment="center"
        android:textStyle="bold" />

    <Button
        android:id="@+id/admin_logout_btn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Logout"
        android:textSize="10dp"
        android:backgroundTint="@color/red"

    />

</LinearLayout>

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



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

<androidx.appcompat.widget.Toolbar
    xmlns:android="http://schemas.android.com/apk/res/android"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@color/yellow"
        android:elevation="4dp"
        android:padding="15dp"
        android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="70dp"
            android:layout_height="60dp"
            android:src="@drawable/bread"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:fontFamily="sans-serif-black"
            android:text="Driver" />
    
```

```

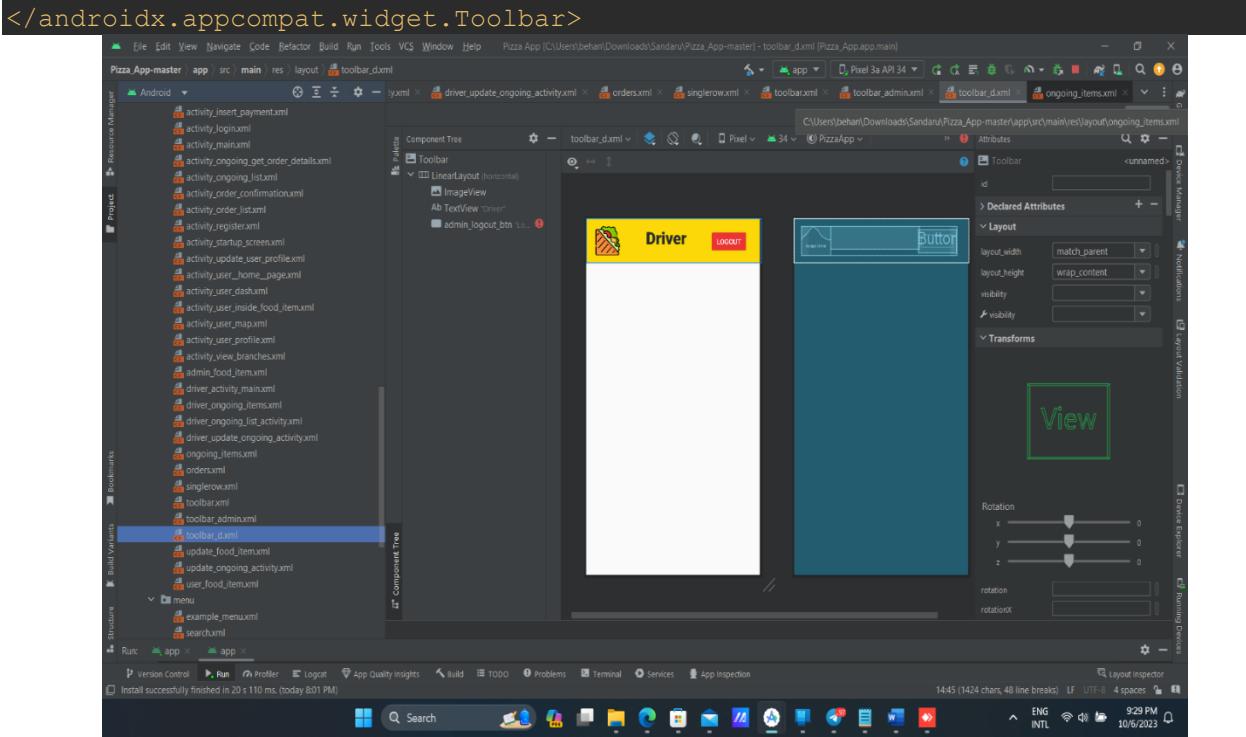
        android:textColor="#272D2F"
        android:textSize="35dp"
        android:textAlignment="center"
        android:textStyle="bold" />

    <Button
        android:id="@+id/admin_logout_btn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Logout"
        android:textSize="15dp"
        android:backgroundTint="@color/red"

    />

</LinearLayout>

```



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```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:orientation="vertical">

    <ImageView

```

```
    android:id="@+id/update_image"
    android:layout_width="250dp"
    android:layout_height="200dp"
    android:src="@drawable/s1"
    android:layout_marginTop="20dp"
    android:layout_gravity="center"/>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:layout_margin="20dp">

    <EditText
        android:id="@+id/update_food_name"
        android:hint="@string/food_name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/backgroun_input"
        android:padding="10dp"
        android:inputType="text"/>

    <EditText
        android:id="@+id/update_food_price"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:background="@drawable/backgroun_input"
        android:padding="10dp"
        android:hint="@string/food_price"
        android:inputType="number"/>

    <EditText
        android:id="@+id/update_food_type"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:background="@drawable/backgroun_input"
        android:padding="10dp"
        android:layout_marginTop="20dp"
        android:hint="@string/food_type"/>

    <EditText
        android:id="@+id/update_description"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        app:counterEnabled="true"
        app:counterMaxLength="100"
        android:background="@drawable/backgroun_input"
        android:padding="10dp"
        android:hint="@string/food_description"
        android:inputType="text"/>

</LinearLayout>

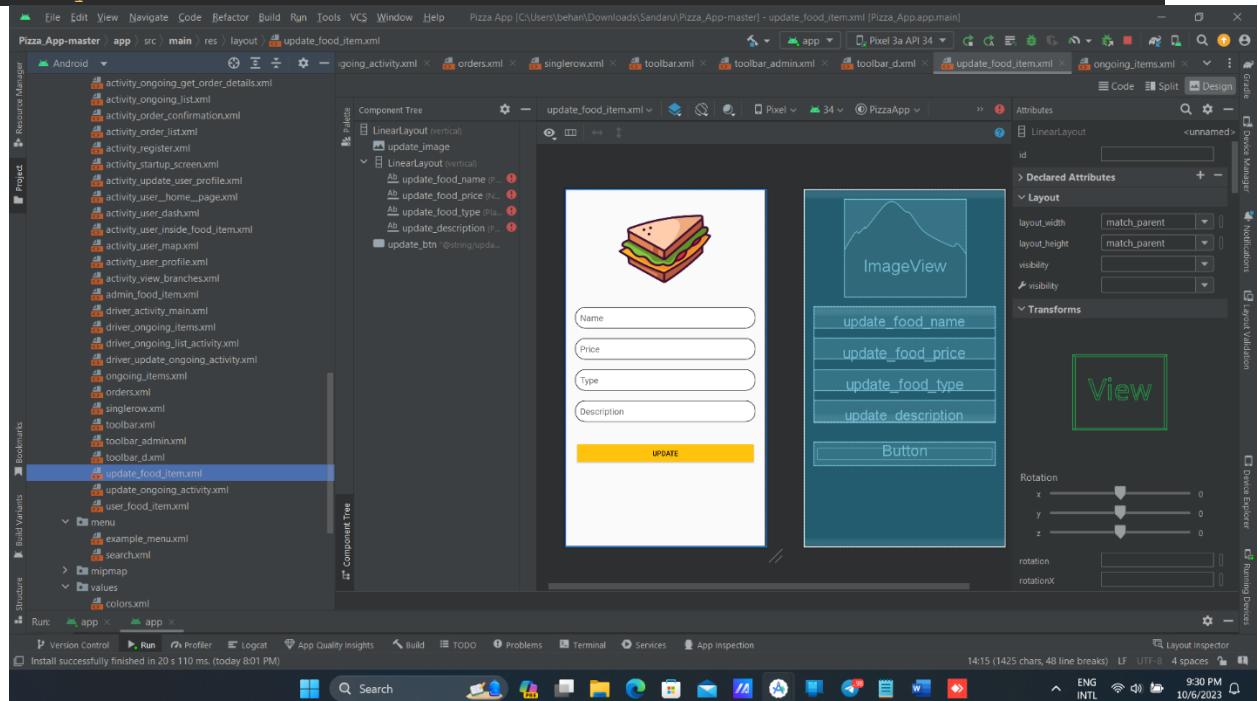
<Button
```

```

        android:id="@+id/update_btn"
        android:backgroundTint="@color/dark_yellow"
        android:textColor="@color/black"
        android:layout_marginTop="20dp"
        android:layout_marginLeft="20dp"
        android:layout_marginRight="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="@string/update"/>/>

```

</LinearLayout>



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```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="300dp"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_margin="10dp"
    android:background="@drawable/card_style_2"
    android:orientation="horizontal">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:orientation="vertical"
        android:layout_gravity="center">

            <androidx.cardview.widget.CardView
                android:layout_width="120dp"

```

```
        android:layout_height="120dp"
        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        android:layout_gravity="center">

    <ImageView
        android:id="@+id/use_food_image"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:scaleType="centerCrop"
        android:src="@drawable/b6"/>

</androidx.cardview.widget.CardView>

<TextView
    android:id="@+id/user_food_name"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp"
    android:fontFamily="sans-serif-condensed-medium"
    android:text="@string/food_name"
    android:textAlignment="textStart"
    android:textColor="#272D2F"
    android:textSize="25dp" />

<TextView
    android:id="@+id/user_food_type"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp"
    android:fontFamily="sans-serif-condensed-medium"
    android:text="Type"
    android:textAlignment="textStart"
    android:textColor="#656665"
    android:textSize="21dp" />

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Rs:"
        android:textAlignment="textStart"
        android:textColor="@color/black"
        android:textSize="22dp" />

    <TextView
        android:id="@+id/user_food_price"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="sans-serif-condensed-medium"
```

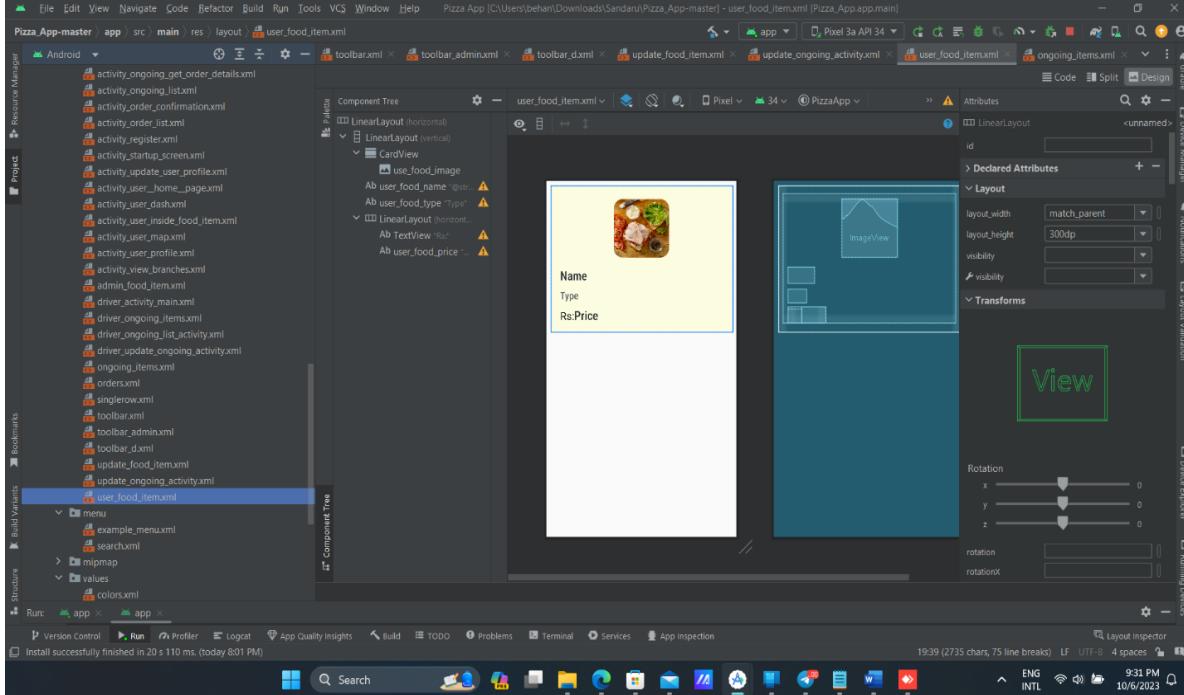
```

        android:text="@string/food_price"
        android:textAlignment="textStart"
        android:textColor="#272D2F"
        android:textSize="25dp" />

    </LinearLayout>

</LinearLayout>

```



## AndroidManifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <uses-feature
        android:name="android.hardware.camera"
        android:required="false" />

    <uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"
/>    <uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"
/>    <uses-permission android:name="android.permission.ACCESS_FINE_LOCATION"
/>    <uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION"
/>    <uses-permission android:name="android.permission.ACCESS_NETWORK_STATE"
/>

```

```
<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.CAMERA" />

<application
    android:icon="@drawable/s8"
    android:label="@string/app_name"
    android:roundIcon="@drawable/s8"
    android:supportsRtl="true"
    android:theme="@style/Theme.PizzaApp"
    android:usesCleartextTraffic="true">

    <!--
        TODO: Before you run your application, you need a Google Maps
        API key.
    -->
```

To get one, follow the directions here:

<https://developers.google.com/maps/documentation/android-sdk/get-api-key>

Once you have your API key (it starts with "AIza"), define a new property in your project's local.properties file (e.g. MAPS\_API\_KEY=Aiza...), and replace the "YOUR\_API\_KEY" string in this file with "\${MAPS\_API\_KEY}".

-->

```
<meta-data
    android:name="com.google.android.geo.API_KEY"
    android:value="AIzaSyCDR_wbHH1hcligVd2gO29vbE7WNVNPZhk" />
```

```
<activity
    android:name=".UserMap"
    android:exported="false"
    android:label="@string/title_activity_user_map" />
```

```
<activity
    android:name=".UserMap2"
    android:exported="false"
    android:label="@string/title_activity_user_map" />
```

```
<activity
    android:name=".ViewBranches"
    android:exported="false" />
```

```
<activity
    android:name=".UserDash"
    android:exported="false" />
```

```
<activity
    android:name=".DriverMap"
    android:exported="false"
    android:label="@string/title_activity_driver_map" />
```

```
<activity
    android:name=".DriverDash"
    android:exported="false" />
```

```
<activity android:name=".Ongoing_get_order_details" />
```

```
<activity
    android:name=".OngoingList"
    android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
```

```
<activity
```

```
        android:name=".assign_order"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
<activity
        android:name=".Driver_OngoingList"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
<activity
        android:name=".driver_Add"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
<activity
        android:name=".OrderList"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
<activity android:name=".OrderConfirmation" />
<activity android:name=".InsertPayment" />
<activity android:name=".InsertDelivery" />
<activity
        android:name=".update_user_profile"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
<activity
        android:name=".userProfile"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
<activity
        android:name=".register"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
<activity
        android:name=".Login"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" >
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />

            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
    <activity
        android:name=".startup_screen"
        android:theme="@style/Theme.AppCompat.NoActionBar">

    </activity>
    <activity android:name=".user_inside_food_item" />
    <activity android:name=".user_Home_Page" />
    <activity
        android:name=".add_product"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar">

    </activity>>
    <activity
        android:name=".MainActivity"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />
    <activity
        android:name=".admin_food_list"
        android:label="Food List"
        android:parentActivityName=".add_product"
        android:theme="@style/Theme.AppCompat.DayNight.NoActionBar" />

    <meta-data
        android:name="preload_fonts"
        android:resource="@array/preloaded_fonts" />
</application>
```

```
</manifest>
```

## SqLite

```
package com.sandwich.sandwichapp;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;
import android.database.sqlite.SQLiteStatement;

public class sqlhelper extends SQLiteOpenHelper {

    public sqlhelper(Context context, String name,
SQLiteDatabase.CursorFactory factory, int version) {
        super(context, name, factory, version);
    }

    public void queryData(String sql){

        SQLiteDatabase database = getWritableDatabase();
        database.execSQL(sql);
    }

    public void insertdata(String name, String price, String type, String
description, byte[] image){
        SQLiteDatabase database = getWritableDatabase();
        String sql = "INSERT INTO FOOD VALUES(NULL, ?, ?, ?, ?, ?)";

        SQLiteStatement statement= database.compileStatement(sql);
        statement.clearBindings();

        statement.bindString(1, name);
        statement.bindString(2, price);
        statement.bindString(3, type);
        statement.bindString(4, description);
        statement.bindBlob(5, image);

        statement.executeInsert();
    }

    public void updateData(String name, String price, String type, String
description, byte[] image, int id){
        SQLiteDatabase sqLiteDatabase = getWritableDatabase();

        String sql = "UPDATE FOOD SET name = ?, price = ?, type = ?,
description = ?, image = ? WHERE Id = ?";
        SQLiteStatement sqLiteStatement =
sqLiteDatabase.compileStatement(sql);

        sqLiteStatement.bindString(1, name);
```

```

        sqLiteStatement.bindString(2, price);
        sqLiteStatement.bindString(3, type);
        sqLiteStatement.bindString(4, description);
        sqLiteStatement.bindBlob(5, image);
        sqLiteStatement.bindDouble(6, (double)id);

        sqLiteStatement.execute();
        sqLiteDatabase.close();

    }

    public void deleteData(int id){
        SQLiteDatabase sqLiteDatabase = getWritableDatabase();

        String sql = "DELETE FROM FOOD WHERE Id = ?";
        SQLiteStatement sqLiteStatement =
sqLiteDatabase.compileStatement(sql);
        sqLiteStatement.clearBindings();
        sqLiteStatement.bindDouble(1, (double)id);

        sqLiteStatement.execute();
        sqLiteDatabase.close();
    }

    //sawishka

    public Cursor getdata(String sql){

        SQLiteDatabase database = getReadableDatabase();
        return database.rawQuery(sql,null);

    }

    @Override
    public void onCreate(SQLiteDatabase db) {

    }

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

    }

    public boolean insertUser(String username, String email, String contact,
String password){

        SQLiteDatabase db = this.getWritableDatabase(); //get registration
values
        ContentValues contentValues = new ContentValues();
        contentValues.put("username",username);
        contentValues.put("email",email);
        contentValues.put("contact",contact);
        contentValues.put("password",password);
    }

```

```

        long ins = db.insert("user",null,contentValues);//add value to
database

        if (ins == -1) {
            return false;
        }
        else {
            return true;
        }
    }

    public boolean checkUsername(String username){
        SQLiteDatabase db = this.getReadableDatabase();
        Cursor cursor = db.rawQuery("Select * from user where username =
?",new String[] {username});

        if (cursor.getCount()> 0){
            return false;
        }else {
            return true;
        }
    }

    public boolean usernamePassword(String username, String password){
        SQLiteDatabase db = this.getReadableDatabase();//get email and
password
        Cursor cursor = db.rawQuery("select * from user where username= ? and
password= ?",new String[]{username,password});

        if (cursor.getCount()> 0){
            return true;
        }else {
            return false;
        }
    }

    public Cursor getUserData(String username){

        SQLiteDatabase database = getReadableDatabase();
        return database.rawQuery("select * from user where username= ?",new
String[]{username});

    }

    public void updateUserData(String email, String contact, String password,
String username){

        SQLiteDatabase db =this.getWritableDatabase();

        String sql = "UPDATE user SET email = ?, contact = ?, password = ?

```

```

WHERE username = ?";
    SQLiteStatement sqLiteStatement = db.compileStatement(sql);

    sqLiteStatement.bindString(1, email);
    sqLiteStatement.bindString(2, contact);
    sqLiteStatement.bindString(3, password);
    sqLiteStatement.bindString(4, username);

    sqLiteStatement.execute();
    db.close();

}

public void deleteUserData(String username) {
    SQLiteDatabase sqLiteDatabase = getWritableDatabase();

    String sql = "DELETE FROM user WHERE username = ?";

    SQLiteStatement sqLiteStatement =
sqLiteDatabase.compileStatement(sql);
    sqLiteStatement.clearBindings();
    sqLiteStatement.bindString(1,username);

    sqLiteStatement.execute();
    sqLiteDatabase.close();
}

public Boolean insertData(String firstName, String lastName, String
email, String contactNumber,
                           String address, String cardName, String
cardNumber, String expDate,
                           String securityCode, String productId, String
qty, String date) {
    SQLiteDatabase db = this.getWritableDatabase();
    //for our values
    ContentValues contentValues = new ContentValues();
    contentValues.put("firstName", firstName);
    contentValues.put("lastName", lastName);
    contentValues.put("email", email);
    contentValues.put("contactNumber", contactNumber);
    contentValues.put("address", address);
    contentValues.put("cardName", cardName);
    contentValues.put("cardNumber", cardNumber);
    contentValues.put("expDate", expDate);
    contentValues.put("securityCode", securityCode);
    contentValues.put("productId", productId);
    contentValues.put("qty", qty);
    contentValues.put("date", date);

    long results = db.insert("Orders", null, contentValues);
}

```

```

        if(results == -1) {
            return false;
        } else {
            return true;
        }
    }

    public Cursor getData() {
        SQLiteDatabase db = this.getWritableDatabase();
        Cursor cursor = db.rawQuery("select * from Orders",null);
        return cursor;
    }

    public void deleteOrderData(int id) {
        SQLiteDatabase sqLiteDatabase = this.getWritableDatabase();
        /*
        long results = db.delete("Orders", "orderId = ?", new int[]{id});

        if (results == -1) {
            return false;
        } else {
            return true;
        }
        */
        String sql = "DELETE FROM Orders WHERE OrderId = ?";
        SQLiteStatement sqLiteStatement =
        sqLiteDatabase.compileStatement(sql);
        sqLiteStatement.clearBindings();
        sqLiteStatement.bindDouble(1,(double)id);

        sqLiteStatement.execute();
        sqLiteDatabase.close();
    }

    public void insertDataDriver(String newdriverid, String newdrivername,
String newdrivernumber, String newdriveraddress, String newdriveremail,
String newdrivervehiclemode, String newdrivervehiclenumber ,String
newdriverdob) {
        SQLiteDatabase database = getWritableDatabase();
        String sql = "INSERT INTO DRIVERDETAILS
VALUES(NULL,?, ?, ?, ?, ?, ?, ?, ?)";

        SQLiteStatement statement = database.compileStatement(sql);
        statement.clearBindings();

        statement.bindString(1,newdriverid);
        statement.bindString(2,newdrivername);
        statement.bindString(3,newdrivernumber);
    }
}

```

```

        statement.bindString(4,newdriveraddress);
        statement.bindString(5,newdriveremail);
        statement.bindString(6,newdrivervehiclemode);
        statement.bindString(7,newdrivervehiclenumber);
        statement.bindString(8,newdriverdob);

        statement.executeInsert();
    }

    public void updateDataDriver(String newdriverid, String
newdrivername, String newdrivernumber, String newdriveraddress, String
newdriveremail , String newdrivervehiclemode, String
newdrivervehiclenumber, String newdriverdob, int id ) {
    SQLiteDatabase database = getWritableDatabase();

    String sql = "UPDATE DRIVERDETAILS SET newdriverid = ? ,newdrivername
= ? ,newdrivernumber = ?,newdriveraddress = ?,newdriveremail =
?,newdrivervehiclemode = ?,newdrivervehiclenumber = ?,newdriverdob = ? WHERE
id = ?" ;
    SQLiteStatement statement = database.compileStatement(sql);

    statement.bindString(1,newdriverid );
    statement.bindString(2,newdrivername);
    statement.bindString(3,newdrivernumber);
    statement.bindString(4,newdriveraddress);
    statement.bindString(5,newdriveremail);
    statement.bindString(6,newdrivervehiclemode);
    statement.bindString(7,newdrivervehiclenumber);
    statement.bindString(8,newdriverdob);
    statement.bindDouble(9, (double) id);

    statement.execute();
    database.close();
}

public void deleteDataDriver(int id){
    SQLiteDatabase database = getWritableDatabase();

    String sql = "DELETE FROM DRIVERDETAILS WHERE id = ?" ;
    SQLiteStatement statement = database.compileStatement(sql);
    statement.clearBindings();
    statement.bindDouble(1,(double) id);
    statement.execute();
    database.close();

}
public Cursor getDriverData(String sql){
    SQLiteDatabase database = getReadableDatabase();
    return database.rawQuery(sql,null);
}

```

```

    public void insertDataDelivery(String edtoderid, String edtnname, String
edtnumber, String edtaddress, String edtprice, String edtdriverid, String
edtdrivername, String edtcomplete ){
    SQLiteDatabase database = getWritableDatabase();
    String sql = "INSERT INTO ONGOING VALUES(NULL, ?, ?, ?, ?, ?, ?, ?)";
    SQLiteStatement statement = database.compileStatement(sql);
    statement.clearBindings();

    statement.bindString(1, edtoderid);
    statement.bindString(2, edtnname);
    statement.bindString(3, edtnumber);
    statement.bindString(4, edtaddress);
    statement.bindString(5, edtprice);
    statement.bindString(6, edtdriverid);
    statement.bindString(7, edtdrivername);
    statement.bindString(8, edtcomplete);

    statement.executeInsert();
}

public void updateDataDelivery(String edtoderid, String edtnname, String
edtnumber, String edtaddress, String edtprice, String edtdriverid, String
edtdrivername, String edtcomplete, int id ){
    SQLiteDatabase database = getWritableDatabase();

    String sql = "UPDATE ONGOING SET edtoderid = ? ,edtnname = ?
,edtnumber = ?,edtaddress = ?,edtprice = ?,edtdriverid = ?,edtdrivername =
?,edtcomplete = ? WHERE id = ?";
    SQLiteStatement statement = database.compileStatement(sql);

    statement.bindString(1, edtoderid );
    statement.bindString(2, edtnname);
    statement.bindString(3, edtnumber);
    statement.bindString(4, edtaddress);
    statement.bindString(5, edtprice);
    statement.bindString(6, edtdriverid);
    statement.bindString(7, edtdrivername);
    statement.bindString(8, edtcomplete);
    statement.bindDouble(9, (double)id);

    statement.execute();
    database.close();
}

public void deleteDataDelivery(int id){
    SQLiteDatabase database = getWritableDatabase();

    String sql = "DELETE FROM ONGOING WHERE id = ?";
    SQLiteStatement statement = database.compileStatement(sql);
    statement.clearBindings();
    statement.bindDouble(1, (double)id);
}

```

```

        statement.execute();
        database.close();

    }

    public Cursor getDataDelivery(String sql) {
        SQLiteDatabase database = getReadableDatabase();
        return database.rawQuery(sql,null);
    }

    public Cursor getOrderDetailsToDelivery(String id) {

        SQLiteDatabase database = getReadableDatabase();
        return database.rawQuery("select * from Orders where orderId= ?" ,new
String[]{id});

    }

    public Cursor getOrderIDList()
    {
        SQLiteDatabase database = getReadableDatabase();
        return database.rawQuery("select OrderId from Orders",null);
    }

}

```

## **Java Sample Code**

### **Login**

```

package com.sandwich.sandwichapp;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class Login extends AppCompatActivity {

    EditText e1, e2;
    Button b1, b2;

    public static sqlhelper db;

    public static sqlhelper sqliteHelper;

    @Override
    protected void onCreate(Bundle savedInstanceState) {

```

```

super.onCreate(savedInstanceState);
setContentView(R.layout.activity_login);

e1 = findViewById(R.id.login_username);
e2 = findViewById(R.id.login_password);
b1 = findViewById(R.id.login_btn);
b2 = findViewById(R.id.direct_signUp);

db = new sqlhelper(this, "FoodDB.sqlite", null, 1);

sqliteHelper = new sqlhelper(this, "FoodDB.sqlite", null, 1);

// Navigate to register UI
b2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(Login.this, register.class);
        startActivity(intent);
    }
});

// Navigate to home UI
b1.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String s1 = e1.getText().toString(); // username
        String s2 = e2.getText().toString(); // password

        Boolean checkUsernamePassword = db.usernamePassword(s1, s2);
        if (s1.equals("admin") && s2.equals("admin123")) { // admin
username and password
            Intent intent = new Intent(Login.this,
MainActivity.class); // admin UI
            startActivity(intent);
        } else if (checkUsernamePassword) {
            Intent intent = new Intent(Login.this, UserDash.class);
// navigate to home page
            intent.putExtra("username1", s1);
            startActivity(intent);
        } else {
            Toast.makeText(getApplicationContext(), "Wrong Email or
Password", Toast.LENGTH_SHORT).show(); // toast msg
            // Reset text fields
            e1.setText("");
            e2.setText("");
        }
    }
});
}
}

```

## Register

```
package com.sandwich.sandwichapp;
```

```
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.util.Patterns;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class register extends AppCompatActivity {

    EditText e1, e2, e3, e4, e5;
    Button b1;

    sqlhelper db;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_register);

        e1 = findViewById(R.id.register_username);
        e2 = findViewById(R.id.register_email);
        e3 = findViewById(R.id.register_contactNumber);
        e4 = findViewById(R.id.register_password);
        e5 = findViewById(R.id.register_confirmPassword);

        b1 = findViewById(R.id.signUp_btn);

        db = new sqlhelper(this, "FoodDB.sqlite", null, 1);

        db.queryData("CREATE TABLE IF NOT EXISTS user(username text primary key, email text, contact text, password text)");

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                String s1 = e1.getText().toString();
                String s2 = e2.getText().toString();
                String s3 = e3.getText().toString();
                String s4 = e4.getText().toString();
                String s5 = e5.getText().toString();

                // Validations
                // Check whether all fields are empty
                if (s1.equals("") || s2.equals("") || s3.equals("") || s4.equals("") || s5.equals("")) {
                    Toast.makeText(getApplicationContext(), "Fields are Empty", Toast.LENGTH_SHORT).show();
                }

                // Email validation
                else if (!Patterns.EMAIL_ADDRESS.matcher(e2.getText().toString()).matches()) {
                    e2.setError("Please Enter Valid Mail. Hint: '@', '.'");
                }
            }
        });
    }
}
```

```
        }

        // Mobile number validation
        else if (!e3.getText().toString().matches("[0-9]{10}")) {
            e3.setError("Enter Only 10 Digit Mobile Number. e.g.,
0716406450");
        }

        // Re-check password
        else {
            if (s4.equals(s5)) {
                Boolean checkUsername = db.checkUsername(s1);
                if (checkUsername == true) {
                    Boolean insert = db.insertUser(s1, s2, s3, s4);
                    if (insert == true) {
                        Toast.makeText(getApplicationContext(),
"Added successfully", Toast.LENGTH_SHORT).show();
                        Intent intent = new Intent(register.this,
Login.class);
                        startActivity(intent);
                    }
                } else {
                    Toast.makeText(getApplicationContext(), "Username
Already Exists", Toast.LENGTH_SHORT).show();
                }
            } else {
                Toast.makeText(getApplicationContext(), "Password
does not match", Toast.LENGTH_SHORT).show();
            }
        }
    }
});
```

## Add Product

```
package com.sandwich.sandwichapp;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;
import androidx.core.content.ContextCompat;

import android.Manifest;
import android.app.AlertDialog;
import android.content.DialogInterface;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.graphics.Bitmap;
import android.graphics.drawable.BitmapDrawable;
import android.os.Bundle;
```

```
import android.provider.MediaStore;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.Toast;

import com.sanwich.sandwichapp.R;
import com.sanwich.sanwichapp.sqlhelper;

import java.io.ByteArrayOutputStream;

public class add_product extends AppCompatActivity {

    private static final int REQUEST_CODE_CAMERA = 1001;
    private EditText edtname, edtprice, edttype, edtdescription;
    private ImageView imageView;
    private Button btnChoose, btnAdd;

    public static sqlhelper sqliteHelper;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_add_product);

        init();

        sqliteHelper = new sqlhelper(this, "FoodDB.sqlite", null, 1);

        sqliteHelper.queryData("CREATE TABLE IF NOT EXISTS FOOD (Id INTEGER PRIMARY KEY AUTOINCREMENT, name VARCHAR, price VARCHAR, type VARCHAR, description VARCHAR, image BLOB)");

        btnChoose.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                checkCameraPermission();
            }
        });

        btnAdd.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String s1 = edtname.getText().toString();
                String s2 = edtprice.getText().toString();
                String s3 = edttype.getText().toString();
                String s4 = edtdescription.getText().toString();

                if (s1.equals("") || s2.equals("") || s3.equals("") || s4.equals("")) {
                    Toast.makeText(getApplicationContext(), "Field Empty", Toast.LENGTH_SHORT).show();
                } else {
                    if (s3.equals("Large") || s3.equals("Medium") || s3.equals("Small")) {
                        try {
```

```

        sqliteHelper.insertdata(
            edtname.getText().toString().trim(),
            edtprice.getText().toString().trim(),
            edttype.getText().toString().trim(),

edtdescription.getText().toString().trim(),
            imageViewToByte(imageView));

            Toast.makeText(getApplicationContext(), "Added
Successfully", Toast.LENGTH_SHORT).show();

            edtname.setText("");
            edtprice.setText("");
            edttype.setText("");
            edtdescription.setText("");
            imageView.setImageResource(R.drawable.sandwich);
// Change to sandwich image

        } catch (Exception e) {
            e.printStackTrace();
        }
    } else {
        Toast.makeText(getApplicationContext(), "Food Type
Should Be Large, Medium, or Small", Toast.LENGTH_SHORT).show();
        edttype.setText("");
    }
}
}

private void checkCameraPermission() {
    if (ContextCompat.checkSelfPermission(this,
Manifest.permission.CAMERA) == PackageManager.PERMISSION_GRANTED) {
        // Camera permission granted, open the camera
        captureImageFromCamera();
    } else {
        // Camera permission not granted, request it
        ActivityCompat.requestPermissions(this, new
String[]{Manifest.permission.CAMERA}, REQUEST_CODE_CAMERA);
    }
}

public static byte[] imageViewToByte(ImageView image) {
    Bitmap bitmap = ((BitmapDrawable) image.getDrawable()).getBitmap();
    ByteArrayOutputStream stream = new ByteArrayOutputStream();
    bitmap.compress(Bitmap.CompressFormat.JPEG, 100, stream);
    return stream.toByteArray();
}

private void captureImageFromCamera() {
    Intent cameraIntent = new Intent(MediaStore.ACTION_IMAGE_CAPTURE);
    if (cameraIntent.resolveActivity(getPackageManager()) != null) {
        startActivityForResult(cameraIntent, REQUEST_CODE_CAMERA);
    }
}

```

```

@Override
    public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {
        if (requestCode == REQUEST_CODE_CAMERA) {
            if (grantResults.length > 0 && grantResults[0] ==
PackageManager.PERMISSION_GRANTED) {
                // Camera permission granted, open the camera
                captureImageFromCamera();
            } else {
                Toast.makeText(getApplicationContext(), "Camera access
permission denied", Toast.LENGTH_SHORT).show();
            }
        }
        super.onRequestPermissionsResult(requestCode, permissions,
grantResults);
    }

@Override
    protected void onActivityResult(int requestCode, int resultCode,
@Nullable Intent data) {
        if (requestCode == REQUEST_CODE_CAMERA && resultCode == RESULT_OK &&
data != null) {
            Bundle extras = data.getExtras();
            Bitmap imageBitmap = (Bitmap) extras.get("data");
            imageView.setImageBitmap(imageBitmap);
        }
        super.onActivityResult(requestCode, resultCode, data);
    }

private void init() {
    edtname = findViewById(R.id.admin_food_name);
    edtprice = findViewById(R.id.admin_food_price);
    eddtype = findViewById(R.id.admin_food_type);
    edtdescription = findViewById(R.id.admin_food_description);
    btnChoose = findViewById(R.id.admin_food_image_button);
    btnAdd = findViewById(R.id.admin_add);
    imageView = findViewById(R.id.admin_food_image);
}
}

```

## Admin\_food\_list

```

package com.sandwich.sandwichapp;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;

import android.Manifest;
import android.app.Activity;
import android.app.Dialog;
import android.content.DialogInterface;
import android.content.Intent;

```

```
import android.content.pm.PackageManager;
import android.database.Cursor;
import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.net.Uri;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.Button;
import android.widget.EditText;
import android.widget.GridView;
import android.widget.ImageView;
import android.widget.Toast;

import java.io.FileNotFoundException;
import java.io.InputStream;
import java.util.ArrayList;

public class admin_food_list extends AppCompatActivity {

    GridView gridView;
    ArrayList<Food> list;
    FoodListAdapter adapter = null;

    public static sqlhelper sqliteHelper;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_admin_food_list);

        gridView = findViewById(R.id.grideview);
        list = new ArrayList<>();
        adapter = new FoodListAdapter(this, R.layout.admin_food_item, list);
        gridView.setAdapter(adapter);

        // Get all data from sqlite
        Cursor cursor = MainActivity.sqliteHelper.getdata("SELECT * FROM FOOD");
        list.clear();

        while (cursor.moveToNext()) {
            int id = cursor.getInt(0);
            String name = cursor.getString(1);
            String price = cursor.getString(2);
            String type = cursor.getString(3);
            String description = cursor.getString(4);
            byte[] image = cursor.getBlob(5);

            list.add(new Food(id, name, price, type, description, image));
        }
        adapter.notifyDataSetChanged();

        // Admin panel update, delete side
        gridView.setOnItemLongClickListener(new AdapterView.OnItemLongClickListener() {
```

```

        @Override
        public boolean onItemLongClick(AdapterView<?> parent, View view,
int position, long id) {
            CharSequence[] items = {"Update", "Delete"};
            AlertDialog.Builder dialog = new
AlertDialog.Builder(admin_food_list.this);

            dialog.setTitle("Choose an action");

            dialog.setItems(items, new DialogInterface.OnClickListener()
{
                @Override
                public void onClick(DialogInterface dialog, int item) {
                    if (item == 0) {
                        // Update
                        Cursor c =
MainActivity.sqliteHelper.getdata("SELECT id FROM FOOD");
                        ArrayList<Integer> arrID = new
ArrayList<Integer>();
                        while (c.moveToNext()) {
                            arrID.add(c.getInt(0));
                        }
                        // Show the dialog update here
                        showDialogToUpdate(admin_food_list.this,
arrID.get(position));
                    } else {
                        // Delete
                        Cursor c =
MainActivity.sqliteHelper.getdata("SELECT id FROM FOOD");
                        ArrayList<Integer> arrID = new
ArrayList<Integer>();
                        while (c.moveToNext()) {
                            arrID.add(c.getInt(0));
                        }
                        showDialogToDelete(arrID.get(position));
                    }
                }
            });
            dialog.show();
            return true;
        }
    });

// Create a dialog to confirm Update
ImageView imageView;

private void showDialogToUpdate(Activity activity, final int position) {
    Dialog dialog = new Dialog(activity);
    dialog.setContentView(R.layout.update_food_item);
    dialog.setTitle("Update");

    imageView = dialog.findViewById(R.id.update_image);
    final EditText edtName = dialog.findViewById(R.id.update_food_name);
    final EditText edtPrice =
dialog.findViewById(R.id.update_food_price);

```

```
final EditText edtType = dialog.findViewById(R.id.update_food_type);
final EditText edtDescription =
dialog.findViewById(R.id.update_description);
Button update_btn = dialog.findViewById(R.id.update_btn);

// Set width for dialog
int width = (int)
(activity.getResources().getDisplayMetrics().widthPixels * 0.95);
int height = (int)
(activity.getResources().getDisplayMetrics().heightPixels * 0.8);

dialog.getWindow().setLayout(width, height);
dialog.show();

imageView.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        // Request photo in library
        ActivityCompat.requestPermissions
            (admin_food_list.this,
             new
String[]{Manifest.permission.READ_EXTERNAL_STORAGE},
             888);
    }
});

update_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String s1 = edtName.getText().toString();
        String s2 = edtPrice.getText().toString();
        String s3 = edtType.getText().toString();
        String s4 = edtDescription.getText().toString();

        if (s1.equals("") || s2.equals("") || s3.equals("") || s4.equals("")) {
            Toast.makeText(getApplicationContext(), "Field Empty",
Toast.LENGTH_SHORT).show();
        } else {
            if (s3.equals("Large") || s3.equals("Medium") ||
s3.equals("Small")) {
                try {
                    MainActivity.sqliteHelper.updateData(
                        edtName.getText().toString().trim(),
                        edtPrice.getText().toString().trim(),
                        edtType.getText().toString().trim(),
                        edtDescription.getText().toString().trim(),
                        add_product.imageViewToByte(imageView),
                        position
                    );
                    dialog.dismiss();
                    Toast.makeText(getApplicationContext(), "Update
Successfully...", Toast.LENGTH_SHORT).show();
                } catch (Exception e) {
                    Log.e("Update error", e.getMessage());
                }
            }
        }
    }
});
```

```

                updateFoodList();
            } else {
                Toast.makeText(getApplicationContext(), "Food Type
Should Be Large, Medium or Small", Toast.LENGTH_SHORT).show();
                edtType.setText("");
            }
        }
    });

private void showDialogToDelete(final int idFood) {
    AlertDialog.Builder dialogDelete = new
AlertDialog.Builder(admin_food_list.this);
    dialogDelete.setTitle("Warning!!");
    dialogDelete.setMessage("Are you sure you want to delete?");

    dialogDelete.setPositiveButton("OK", new
DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
            try {
                MainActivity.sqliteHelper.deleteData(idFood);
                Toast.makeText(getApplicationContext(), "Delete
Successfully...", Toast.LENGTH_SHORT).show();
            } catch (Exception e) {
                Log.e("Error", e.getMessage());
            }
            updateFoodList();
        }
    });
}

dialogDelete.setNegativeButton("NO", new
DialogInterface.OnClickListener() {
    @Override
    public void onClick(DialogInterface dialog, int which) {
        dialog.dismiss();
    }
});

dialogDelete.show();
}

// Refresh grid view after update
private void updateFoodList() {
    // Get all data from sqlite
    Cursor cursor = MainActivity.sqliteHelper.getdata("SELECT * FROM
FOOD");
    list.clear();

    while (cursor.moveToNext()) {
        int id = cursor.getInt(0);
        String name = cursor.getString(1);
        String price = cursor.getString(2);
        String type = cursor.getString(3);
        String description = cursor.getString(4);
        byte[] image = cursor.getBlob(5);

```

```

        list.add(new Food(id, name, price, type, description, image));
    }
    adapter.notifyDataSetChanged();
}

// Inserting the image

@Override
public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {
    if (requestCode == 888) {
        if (grantResults.length > 0 && grantResults[0] ==
PackageManager.PERMISSION_GRANTED) {
            Intent intent = new Intent(Intent.ACTION_PICK);
            intent.setType("image/*");
            startActivityForResult(intent, 888);
        } else {
            Toast.makeText(getApplicationContext(), "You do not have
permission to access location", Toast.LENGTH_SHORT).show();
        }
        return;
    }
    super.onRequestPermissionsResult(requestCode, permissions,
grantResults);
}

@Override
protected void onActivityResult(int requestCode, int resultCode,
@Nullable Intent data) {
    if (requestCode == 888 && resultCode == RESULT_OK && data != null) {
        Uri uri = data.getData();
        try {
            InputStream inputStream =
getContentResolver().openInputStream(uri);
            Bitmap bitmap = BitmapFactory.decodeStream(inputStream);
            imageView.setImageBitmap(bitmap);
        } catch (FileNotFoundException e) {
            e.printStackTrace();
        }
    }
    super.onActivityResult(requestCode, resultCode, data);
}
}

```

## Food

```

public class Food {

    private int id;
    private String name;
    private String price;
    private String type;
    private String description;
    private byte[] image;
}

```

```
    public Food(int id, String name, String price, String type, String
description, byte[] image) {
        this.id = id;
        this.name = name;
        this.price = price;
        this.type = type;
        this.description = description;
        this.image = image;
    }

    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }

    public String getSandwichName() {
        return name;
    }

    public void setSandwichName(String name) {
        this.name = name;
    }

    public String getSandwichPrice() {
        return price;
    }

    public void setSandwichPrice(String price) {
        this.price = price;
    }

    public String getSandwichType() {
        return type;
    }

    public void setSandwichType(String type) {
        this.type = type;
    }

    public String getSandwichDescription() {
        return description;
    }

    public void setSandwichDescription(String description) {
        this.description = description;
    }

    public byte[] getSandwichImage() {
        return image;
    }

    public void setSandwichImage(byte[] image) {
        this.image = image;
    }
```

```
    }
```

## **FoodDetailsModel**

```
package com.sandwich.sandwichapp.Model;

import java.io.Serializable;

public class FoodDetailsModel implements Serializable {

    public FoodDetailsModel() {

    }

    private String fName;
    private String fId;
    private String fType;
    private String fUnitPrice;
    private String fQty;

    public String getfName() {
        return fName;
    }

    public void setfName(String fName) {
        this.fName = fName;
    }

    public String getfId() {
        return fId;
    }

    public void setfId(String fId) {
        this.fId = fId;
    }

    public String getfType() {
        return fType;
    }

    public void setfType(String fType) {
        this.fType = fType;
    }

    public String getfUnitPrice() {
        return fUnitPrice;
    }

    public void setfUnitPrice(String fUnitPrice) {
        this.fUnitPrice = fUnitPrice;
    }

    public String getfQty() {
```

```

        return fQty;
    }

    public void setfQty(String fQty) {
        this.fQty = fQty;
    }
}

```

## MainActivity

```

package com.sandwich.sandwichapp;

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {

    public static sqlhelper sqliteHelper;

    Button b1, b2, b3, b4, b5, b6, b7, b8, b9;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        sqliteHelper = new sqlhelper(this, "FoodDB.sqlite", null, 1);

        b1 = findViewById(R.id.b1);
        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(MainActivity.this,
add_product.class);
                startActivity(intent);
            }
        });

        b3 = findViewById(R.id.b3);
        b3.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(MainActivity.this,
admin_food_list.class);
                startActivity(intent);
            }
        });

        b2 = findViewById(R.id.check_order_details);
        b2.setOnClickListener(new View.OnClickListener() {

```

```
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(MainActivity.this,
OrderList.class);
            startActivity(intent);
        }
    });

b4 = findViewById(R.id.admin_logout_btn);
b4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(MainActivity.this,
startup_screen.class);
        startActivity(intent);
    }
});

b5 = findViewById(R.id.add_driver);
b5.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(MainActivity.this,
driver_Add.class);
        startActivity(intent);
    }
});

b6 = findViewById(R.id.btnnewdriverslist);
b6.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(MainActivity.this,
Driver_OngoingList.class);
        startActivity(intent);
    }
});

b7 = findViewById(R.id.assign_to_delivery_btn);
b7.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(MainActivity.this,
assign_order.class);
        startActivity(intent);
    }
});

b8 = findViewById(R.id.assign_to_delivery_btn);
b8.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(MainActivity.this,
Ongoing_get_order_details.class);
        startActivity(intent);
    }
});
```

```

        b9 = findViewById(R.id.view_delivery_btn);
        b9.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(MainActivity.this,
OngoingList.class);
                startActivity(intent);
            }
        });
    }
}

```

## Order

```

package com.sandwich.sandwichapp;

public class Order {

    private int orderId;
    private String productID;
    private String qty;
    private String address;
    private String contactNumber;
    private String date;

    public int getOrderId() {
        return orderId;
    }

    public void setOrderId(int orderId) {
        this.orderId = orderId;
    }

    public String getProductID() {
        return productID;
    }

    public void setProductID(String productID) {
        this.productID = productID;
    }

    public String getQty() {
        return qty;
    }

    public void setQty(String qty) {
        this.qty = qty;
    }

    public String getAddress() {
        return address;
    }

    public void setAddress(String address) {

```

```

        this.address = address;
    }

    public String getContactNumber() {
        return contactNumber;
    }

    public void setContactNumber(String contactNumber) {
        this.contactNumber = contactNumber;
    }

    public String getDate() {
        return date;
    }

    public void setDate(String date) {
        this.date = date;
    }

    public Order(int orderId, String productID, String qty, String address,
String contactNumber, String date) {
        this.orderId = orderId;
        this.productID = productID;
        this.qty = qty;
        this.address = address;
        this.contactNumber = contactNumber;
        this.date = date;
    }
}

```

## ongoing get order details

```

package com.sandwich.sandwichapp;

import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.database.Cursor;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class Ongoing_get_order_details extends AppCompatActivity {

    EditText getOrderID;
    Button goBtn, viewOrderIdList;

    sqlhelper sqlhelper;
    sqlhelper db;

    @Override

```

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_ongoing_get_order_details);

    sqlhelper = new sqlhelper(this, "FoodDB.sqlite", null, 1);

    getOrderId = findViewById(R.id.get_order_id_);
    goBtn = findViewById(R.id.xxxxxxxxxxxxxxxxxxxxxx);
    viewOrderIdList = findViewById(R.id.vieworderIDlist);

    db = new sqlhelper(this, "FoodDB.sqlite", null, 1);

    goBtn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            String o1 = getOrderId.getText().toString();
            if (o1.equals("")) {
                Toast.makeText(getApplicationContext(), "Field Empty",
Toast.LENGTH_SHORT).show();
            } else {
                String orderID = getOrderId.getText().toString();
                Intent intent = new
Intent(OnGoing_get_order_details.this, assign_order.class);
                intent.putExtra("orderID", orderID);
                startActivity(intent);
            }
        }
    });

    viewOrderIdList.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Cursor res = db.getOrderIDList();
            StringBuffer buffer = new StringBuffer();
            while (res.moveToNext()) {
                buffer.append("orderID:" + res.getString(0) + "\n\n");
            }
            AlertDialog.Builder builder = new
AlertDialog.Builder(OnGoing_get_order_details.this);
            builder.setCancelable(true);
            builder.setTitle("Order IDs of orders");
            builder.setMessage(buffer.toString());
            builder.show();
        }
    });
}
}

```

## Assign order

```

package com.sandwich.sandwichapp;

import androidx.appcompat.app.AppCompatActivity;

```

```
import android.database.Cursor;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import static com.pizzahut.pizzaapp.driver_Add.sqLiteHelper;

public class assign_order extends AppCompatActivity {

    EditText edtOrderId, edtName, edtNumber, edtAddress, edtPrice,
    edtDriverId, edtDriverName, edtComplete;
    Button btnAdd, btnView;

    sqlhelper sqliteHelper;

    public static sqlhelper sqliteHelper;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_assign_order);

        init();

        sqliteHelper = new sqlhelper(this, "FoodDB.sqlite", null, 1);

        sqLiteHelper.queryData("CREATE TABLE IF NOT EXISTS ONGOING(ID INTEGER
PRIMARY KEY AUTOINCREMENT, edtdoderid VARCHAR, edtname VARCHAR, edtnumber
VARCHAR, edtaddress VARCHAR, edtprice VARCHAR, edtdriverid VARCHAR,
edtdrivername VARCHAR, edtcomplete VARCHAR)");

        // Catch the order table values

        String orderID = getIntent().getStringExtra("orderID");

        Cursor cursor =
        startup_screen.sqliteHelper.getOrderDetailsToDelivery(orderID);

        while (cursor.moveToNext()) {
            String orderId = cursor.getString(0);
            String name = cursor.getString(1);
            String contact = cursor.getString(4);
            String address = cursor.getString(5);

            edtOrderId.setText(orderId);
            edtName.setText(name);
            edtNumber.setText(contact);
            edtAddress.setText(address);
        }

        btnAdd.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                try {
                    sqLiteHelper.insertDataDelivery(

```

```
        edtOrderId.getText().toString().trim(),
        edtName.getText().toString().trim(),
        edtNumber.getText().toString().trim(),
        edtAddress.getText().toString().trim(),
        edtPrice.getText().toString().trim(),
        edtDriverId.getText().toString().trim(),
        edtDriverName.getText().toString().trim(),
        edtComplete.getText().toString().trim()
    );
}

Toast.makeText(getApplicationContext(), "Added
successfully", Toast.LENGTH_SHORT).show();

        edtOrderId.setText("");
        edtName.setText("");
        edtNumber.setText("");
        edtAddress.setText("");
        edtPrice.setText("");
        edtDriverId.setText("");
        edtDriverName.setText("");
        edtComplete.setText("");
    } catch (Exception e) {
        e.printStackTrace();
    }
}
});
```

}

```
private void init() {
    edtOrderId = findViewById(R.id.edtoderid);
    edtName = findViewById(R.id.edtnname);
    edtNumber = findViewById(R.id.edtnumber);
    edtAddress = findViewById(R.id.edtaddress);
    edtPrice = findViewById(R.id.edtprice);
    edtDriverId = findViewById(R.id.edtdriverid);
    edtDriverName = findViewById(R.id.edtdrivername);
    edtComplete = findViewById(R.id.edtcomplete);
    btnAdd = findViewById(R.id.btnadd);
}
```

## HomePage

```
package com.sandwich.sandwichapp;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.database.Cursor;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
import android.widget.GridView;
```

```
import android.widget.ImageView;
import androidx.appcompat.widget.SearchView;
import android.widget.TextView;

import java.util.ArrayList;

public class user_Home_Page extends AppCompatActivity {

    GridView gridView;
    ArrayList<Food> list;
    useFoodListAdapter adapter = null;
    SearchView mySearchView;
    ImageView imageView;
    TextView t;

    public static sqlhelper sqliteHelper;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_user_home_page);

        gridView = findViewById(R.id.gridview12);
        list = new ArrayList<>();
        adapter = new useFoodListAdapter(this, R.layout.user_food_item,
list);
        gridView.setAdapter(adapter);

        // Get the user details to the user profile
        String username = getIntent().getStringExtra("username1");

        // Get all data from sqlite
        Cursor cursor = startup_screen.sqliteHelper.getdata("SELECT * FROM
FOOD");
        list.clear();

        while (cursor.moveToNext()) {
            int id = cursor.getInt(0);
            String name = cursor.getString(1);
            String price = cursor.getString(2);
            String type = cursor.getString(3);
            String description = cursor.getString(4);
            byte[] image = cursor.getBlob(5);

            list.add(new Food(id, name, price, type, description, image));
        }

        adapter.notifyDataSetChanged();
    }

    // Menu bar
    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        MenuInflater inflater = getMenuInflater();
        inflater.inflate(R.menu.example_menu, menu);

        MenuItem.OnActionExpandListener onActionExpandListener = new
```

```
MenuItem.OnActionExpandListener() {
    @Override
    public boolean onMenuItemActionExpand(MenuItem item) {
        return true;
    }

    @Override
    public boolean onMenuItemActionCollapse(MenuItem item) {
        return true;
    }
};

menu.findItem(R.id.search).setOnActionExpandListener(onActionExpandListener);
SearchView searchView = (SearchView)
menu.findItem(R.id.search).getActionView();
searchView.setQueryHint("Search here.....");

searchView.setOnQueryTextListener(new
SearchView.OnQueryTextListener() {
    @Override
    public boolean onQueryTextSubmit(String query) {
        return false;
    }

    @Override
    public boolean onQueryTextChange(String newText) {
        adapter.getFilter().filter(newText);
        return false;
    }
});

return true;
}

@Override
public boolean onOptionsItemSelected(@NonNull MenuItem item) {
    switch (item.getItemId()) {
        case R.id.item1:
            String username = getIntent().getStringExtra("username1");
            Intent intent = new Intent(user_Home_Page.this,
userProfile.class);
            intent.putExtra("username1", username);
            startActivity(intent);
            return true;
        case R.id.item2:
            // Intent intent2 = new Intent(user_Home_Page.this,
MainActivity2.class);
            // startActivity(intent2);
            // Add your code here for item2 if needed.
            return true;
        case R.id.item3:
            Intent intent3 = new Intent(user_Home_Page.this,
startup_screen.class);
            startActivity(intent3);
            return true;
    }
}
```

```
        return true;
    }
}
```

## User Map

```
package com.sandwich.sandwichapp;

import androidx.fragment.app.FragmentActivity;

import android.os.Bundle;

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;
import com.sandwichhut.sandwichapp.databinding.ActivityUserMapBinding;

public class UserMap extends FragmentActivity implements OnMapReadyCallback {

    private GoogleMap mMap;
    private ActivityUserMapBinding binding;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        binding = ActivityUserMapBinding.inflate(getLayoutInflater());
        setContentView(binding.getRoot());

        // 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;

        // Add a marker in Matara and move the camera
        LatLng Matara = new LatLng(5.9496, 80.5469);
        mMap.addMarker(new MarkerOptions().position(Matara).title("Sandwich
Palace Matara"));

        mMap.moveCamera(CameraUpdateFactory.newLatLng(Matara));
        mMap.setMinZoomPreference(12); // Zoom the loaded location
    }
}
```

## Insert Payment

```
package com.sandwich.sandwichapp;

import androidx.annotation.RequiresApi;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.content.DialogInterface;
import android.content.Intent;
import android.icu.text.SimpleDateFormat;
import android.os.Build;
import android.os.Bundle;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

import com.basgeekball.awesomelibrary.AwesomeValidation;
import com.basgeekball.awesomelibrary.ValidationStyle;
import com.basgeekball.awesomelibrary.utility.RegexTemplate;
import com.sandwichhut.sandwichapp.Model.DeliveryDetailsModel;
import com.sandwichhut.sandwichapp.Model.FoodDetailsModel;

import java.util.Date;
import java.util.Locale;

public class InsertPayment extends AppCompatActivity {

    EditText cardName, cardNumber, exp, security;
    Button confirm;
    TextView name, name2;
    AwesomeValidation awesomeValidation;

    public static sqlhelper sqliteHelper;

    DeliveryDetailsModel deliveryModel;
    FoodDetailsModel foodDetailsModel;

    @RequiresApi(api = Build.VERSION_CODES.N)
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_insert_payment);

        sqlhelper obj = new sqlhelper(this, "FoodDB.sqlite", null, 1);

        init();
        String cardOnName = cardName.getText().toString();
        Intent i = getIntent();

        String Name= i.getStringExtra("foodName2");
        String price =i.getStringExtra("foodPrice2");
        String type = i.getStringExtra("foodType2");
```

```

        String qty = i.getStringExtra("qty1");
        name.setText(Name);
        name2.setText(qty);
        //style
        awesomevalidation = new AwesomeValidation(ValidationStyle.BASIC);
        awesomevalidation.addValidation(this, R.id.cardOnName,
        RegexTemplate.NOT_EMPTY,R.string.invalid_card_name);
        awesomevalidation.addValidation(this, R.id.cNumber,
        RegexTemplate.NOT_EMPTY,R.string.invalid_card_number);
        awesomevalidation.addValidation(this,
        R.id.exp,RegexTemplate.NOT_EMPTY, R.string.invalid_exp);
        awesomevalidation.addValidation(this, R.id.sCode,
        RegexTemplate.NOT_EMPTY, R.string.invalid_pin);

        try {
            deliveryModel = (DeliveryDetailsModel)
i.getSerializableExtra("MyClass");
            foodDetailsModel = (FoodDetailsModel)
i.getSerializableExtra("abc");
        }
        catch (Exception e){
            e.printStackTrace();
        }
        confirm.setOnClickListener(v -> {
            if(awesomevalidation.validate()){
                insertTODB();
            }
        });
    }

    private void init(){

        cardName = (EditText) findViewById(R.id.cardOnName);
        cardNumber = (EditText) findViewById(R.id.cNumber);
        exp =(EditText) findViewById(R.id.exp);
        security = (EditText) findViewById(R.id.sCode);
        confirm =findViewById(R.id.pConfirm);
        name = findViewById(R.id.empty2);
        name2 = findViewById(R.id.empty1);
    }

    @RequiresApi(api = Build.VERSION_CODES.N)
    private void insertTODB() {

        sqlhelper obj = new sqlhelper(this, "FoodDB.sqlite",null, 1);

        obj.queryData("CREATE TABLE IF NOT EXISTS Orders (orderId INTEGER
PRIMARY KEY AUTOINCREMENT, firstName text, lastName text, email text,
contactNumber INTEGER, address text, cardName text, cardNumber text, expDate
text, securityCode text, productId text, qty text, date text)");

        if( obj.insertData(deliveryModel.getfName(),deliveryModel.getlName(),
        deliveryModel.getEmail(),deliveryModel.getContact(),deliveryModel.getAddress(),
        ),
        cardName.getText().toString(),cardNumber.getText().toString(),exp.getText().t
    }

```

```

oString(), security.getText().toString(),
name.getText().toString(), name2.getText().toString(), getDateTime())) {

        Toast.makeText(getApplicationContext(), "Order Added
Successfully...", Toast.LENGTH_SHORT).show();
        Intent intent = new
Intent(InsertPayment.this, user_Home_Page.class);
        startActivity(intent);
    } else{
        alertBox("Insert Failed   ");
    }
}

private void alertBox(String txt) {

    AlertDialog alertDialog = new AlertDialog.Builder(this)
        .setIcon(android.R.drawable.ic_dialog_alert)
        .setTitle("Are you sure to Exit")
        .setMessage(txt)
        .setPositiveButton("Yes", new
DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialogInterface, int
i) {
                finish();
            }
        })
        .show();
}

@RequiresApi(api = Build.VERSION_CODES.N)
private String getDateTime() {
    SimpleDateFormat dateFormat = new SimpleDateFormat(
        "yyyy-MM-dd HH:mm:ss", Locale.getDefault());
    Date date = new Date();
    return dateFormat.format(date);
}
}

```

## Add\_Driver

```

package com.sandwich.sandwichapp;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.util.Patterns;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

```

```
import com.basgeekball.awesomevalidation.AwesomeValidation;
import com.basgeekball.awesomevalidation.ValidationStyle;

public class driver_Add extends AppCompatActivity {

    EditText
newdriverid,newdrivername,newdrivernumber,newdriveraddress,newdriveremail,newdrivervehicle
model,newdrivervehiclenumber,newdriverdob;
    Button btnnewdriveradd,btnnewdriverslist;
    AwesomeValidation awesomevalidation;

    public static sqlhelper sqLiteHelper;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_driver__add);

        awesomevalidation = new AwesomeValidation(ValidationStyle.BASIC);
        awesomevalidation.addValidation(this,
R.id.newdriveremail,android.util.Patterns.EMAIL_ADDRESS, R.string.invalid_email);
        awesomevalidation.validate();

        init();

        sqLiteHelper = new sqlhelper(this, "FoodDB.sqlite",null, 1);

        sqLiteHelper.queryData("CREATE TABLE IF NOT EXISTS DRIVERDETAILS (ID INTEGER PRIMARY
KEY AUTOINCREMENT,newdriverid VARCHAR, newdrivername VARCHAR,newdrivernumber
VARCHAR,newdriveraddress VARCHAR,newdriveremail VARCHAR,newdrivervehiclemodel VARCHAR,
newdrivervehiclenumber VARCHAR ,newdriverdob VARCHAR )");

    }

    btnnewdriveradd.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            String n1 = newdriverid.getText().toString();
            String n2 =newdrivername.getText().toString();
            String n3 =newdrivernumber.getText().toString();
            String n4 = newdriveraddress.getText().toString();
            String n5 =newdriveremail.getText().toString();
            String n6 =newdrivervehiclemodel.getText().toString();
            String n7 =newdrivervehiclenumber.getText().toString();
            String n8 =newdriverdob.getText().toString();
        }
    });
}
```

```

if(n1.equals("")||n2.equals("")||n3.equals("")||n4.equals("")||n5.equals("")||n6.equals("")||n7.equals("")||n8.equals ""){
    Toast.makeText(getApplicationContext(), "Field Empty", Toast.LENGTH_SHORT).show();
}else{
    try {
        sqLiteHelper.insertDataDriver(
            newdriverid.getText().toString().trim(),
            newdrivername.getText().toString().trim(),
            newdrivernumber.getText().toString().trim(),
            newdriveraddress.getText().toString().trim(),
            newdriveremail.getText().toString().trim(),
            newdrivervehiclemodeL.getText().toString().trim(),
            newdrivervehiclenumber.getText().toString().trim(),
            newdriverdob.getText().toString().trim()
        );
        Toast.makeText(getApplicationContext(),"Added successfully",Toast.LENGTH_SHORT).show();
        newdriverid.setText("");
        newdrivername.setText("");
        newdrivernumber.setText("");
        newdriveraddress.setText("");
        newdriveremail.setText("");
        newdrivervehiclemodeL.setText("");
        newdrivervehiclenumber.setText("");
        newdriverdob.setText("");
    }catch (Exception e){
        e.printStackTrace();
    }
}
});

}

private Boolean emailValidaion(EditText newdriveremail){

String emailInput = newdriveremail.getText().toString();

if(!emailInput.isEmpty() && Patterns.EMAIL_ADDRESS.matcher(emailInput).matches()){
    Toast.makeText(driver_Add.this, "", Toast.LENGTH_SHORT).show();
    return true;
}else{
    Toast.makeText(driver_Add.this, "Email validation is failed.Update it again",
    Toast.LENGTH_SHORT).show();
}
}

```

```

        return false;
    }
}

private void init(){
    newdriverid = (EditText) findViewById(R.id.newdriverid);
    newdrivername = (EditText) findViewById(R.id.newdrivername);
    newdrivernumber = (EditText) findViewById(R.id.newdrivernumber);
    newdriveraddress = (EditText) findViewById(R.id.newdriveraddress);
    newdriveremail = (EditText) findViewById(R.id.newdriveremail);
    newdrivervehiclemode = (EditText) findViewById(R.id.newdrivervehiclemode);
    newdrivervehiclenumber = (EditText) findViewById(R.id.newdrivervehiclenumber);
    newdriverdob = (EditText) findViewById(R.id.newdriverdob);
    btnnewdriveradd = (Button) findViewById(R.id.btnnewdriveradd);
    btnnewdriverslist = (Button) findViewById(R.id.btnnewdriverslist);
}
}

```

## **Driver MainActivity**

```

package com.sandwich.sandwichapp;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.util.Patterns;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class Driver_MainActivity extends AppCompatActivity {

    EditText
    newdriverid,newdrivername,newdrivernumber,newdriveraddress,newdriveremail,new
    drivervehiclemode,newdrivervehiclenumber,newdriverdob;
    Button btnnewdriveradd,btnnewdriverslist;

    public static Driver_SQLiteHelper sqLiteHelper;
    public static sqlhelper sqliteHelper;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.driver_activity_main);

        init();

        sqLiteHelper = new
Driver_SQLiteHelper(this,"DriverDetailsDB.sqlite",null,1);
    }
}

```

```

sqLiteHelper.queryData("CREATE TABLE IF NOT EXISTS DRIVERDETAILS(ID
INTEGER PRIMARY KEY AUTOINCREMENT,newdriverid VARCHAR, newdrivername
VARCHAR,newdrivernumber VARCHAR,newdriveraddress VARCHAR,newdriveremail
VARCHAR,newdrivervehiclemodeL VARCHAR, newdrivervehiclenumber VARCHAR
,newdriverdob VARCHAR )");

btnnewdriveradd.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {

        String s1 = newdriverid.getText().toString();
        String s2 = newdrivername.getText().toString();
        String s3 = newdrivernumber.getText().toString();
        String s4 = newdriveraddress.getText().toString();
        String s5 = newdriveremail.getText().toString();
        String s6 = newdrivervehiclemodeL.getText().toString();
        String s7 = newdrivervehiclenumber.getText().toString();
        String s8 = newdriverdob.getText().toString();

        if(s1.equals("")||s2.equals("")||s3.equals("")||s4.equals("")||s5.equals("") ||
|s6.equals("")||s7.equals("")||s8.equals("")){
            Toast.makeText(getApplicationContext(), "Field Empty",
Toast.LENGTH_SHORT).show();
        }
        else{
            try {
                sqLiteHelper.insertDataDriver(
                    newdriverid.getText().toString().trim(),
                    newdrivername.getText().toString().trim(),
                    newdrivernumber.getText().toString().trim(),
                    newdriveraddress.getText().toString().trim(),
                    newdriveremail.getText().toString().trim(),
                    newdrivervehiclemodeL.getText().toString().trim(),
                    newdrivervehiclenumber.getText().toString().trim(),
                    newdriverdob.getText().toString().trim()

                );
                emailValidaion(newdriveremail);
                Toast.makeText(getApplicationContext(), "Added
successfully",Toast.LENGTH_SHORT).show();
                newdriverid.setText("");
                newdrivername.setText("");
                newdrivernumber.setText("");
                newdriveraddress.setText("");
                newdriveremail.setText("");
                newdrivervehiclemodeL.setText("");
                newdrivervehiclenumber.setText("");
                newdriverdob.setText("");
            }
        }
    }
}
);

```

```

        } catch (Exception e) {
            e.printStackTrace();
        }
    }

}

btnnewdriverslist.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        Intent intent = new Intent(Driver_MainActivity.this,
Driver_OngoingList.class);
        startActivity(intent);
    }
});

private Boolean emailValidaion(EditText newdriveremail){

    String emailInput = newdriveremail.getText().toString();

    if(!emailInput.isEmpty() &&
Patterns.EMAIL_ADDRESS.matcher(emailInput).matches()){
        Toast.makeText(Driver_MainActivity.this, "", Toast.LENGTH_SHORT).show();
        return true;
    }else{
        Toast.makeText(Driver_MainActivity.this, "Email validation is failed.Update it again", Toast.LENGTH_SHORT).show();
        return false;
    }
}

private void init(){
    newdriverid = (EditText) findViewById(R.id.newdriverid);
    newdrivername = (EditText) findViewById(R.id.newdrivername);
    newdrivernumber = (EditText) findViewById(R.id.newdrivernumber);
    newdriveraddress = (EditText) findViewById(R.id.newdriveraddress);
    newdriveremail = (EditText) findViewById(R.id.newdriveremail);
    newdrivervehiclemode = (EditText)
findViewById(R.id.newdrivervehiclemode);
    newdrivervehiclenumber = (EditText)
findViewById(R.id.newdrivervehiclenumber);
    newdriverdob = (EditText) findViewById(R.id.newdriverdob);
    btnnewdriveradd = (Button) findViewById(R.id.btnnewdriveradd);
    btnnewdriverslist = (Button) findViewById(R.id.btnnewdriverslist);
}
}

```

## Driver\_ongoingList

```
package com.sandwich.sandwichapp;

import androidx.annotation.Nullable;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.app.Activity;
import android.app.Dialog;
import android.content.DialogInterface;
import android.database.Cursor;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.Button;
import android.widget.EditText;
import android.widget.GridView;
import android.widget.Toast;

import java.util.ArrayList;

public class Driver_OngoingList extends AppCompatActivity {

    GridView gridView;
    ArrayList<Driver_Ongoing> list;
    Driver_OngoingListAdapter adapter = null;
    sqlhelper sqliteHelper;

    @Override
    public void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_driver_ongoing_list);

        gridView = (GridView) findViewById(R.id.gridView);
        list = new ArrayList<>();
        adapter = new Driver_OngoingListAdapter(this,
R.layout.driver_ongoing_items, list);
        gridView.setAdapter(adapter);

        //get data from sqlite

        Cursor cursor = MainActivity.sqliteHelper.getDriverData("SELECT * FROM DRIVERDETAILS");
        list.clear();
        while (cursor.moveToNext()) {
            int id = cursor.getInt(0);
            String newdriverid = cursor.getString(1);
            String newdrivername = cursor.getString(2);
            String newdrivernumber = cursor.getString(3);
            String newdriveraddress = cursor.getString(4);
            String newdriveremail = cursor.getString(5);
            String newdrivevehiclemode = cursor.getString(6);
            String newdrivevehiclenumber = cursor.getString(7);
            String newdriverdob = cursor.getString(8);
        }
    }
}
```

```

        list.add(new Driver_Ongoing(newdriverid, newrivername,
newrivernumber, newriveraddress, newriveremail, newrivervehiclemodeL,
newrivervehiclenumber, newriverdob, id));

    }

    adapter.notifyDataSetChanged();

    gridView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public boolean onItemClick(AdapterView<?> parent, View view,
int position, long id) {

            CharSequence[] items = {"Update", "Delete"};
            AlertDialog.Builder dialog = new
AlertDialog.Builder(Driver_OngoingList.this);

            dialog.setTitle("Choose an action");
            dialog.setItems(items, new DialogInterface.OnClickListener()
{
                @Override
                public void onClick(DialogInterface dialog, int item) {
                    if (item == 0) {
                        //update
                        Cursor c =
MainActivity.sqliteHelper.getDriverData("SELECT id FROM DRIVERDETAILS");
                        ArrayList<Integer> arrID = new
ArrayList<Integer>();
                        while(c.moveToNext()){
                            arrID.add(c.getInt(0));
                        }
                        //show dialog update
                        showDialogUpdateDriver(Driver_OngoingList.this, arrID.get(position));
                        Toast.makeText(getApplicationContext(),
"Update...", Toast.LENGTH_LONG).show();
                    } else {
                        //delete
                        Cursor c =
MainActivity.sqliteHelper.getDriverData("SELECT id FROM DRIVERDETAILS");
                        ArrayList<Integer> arrID = new
ArrayList<Integer>();
                        while(c.moveToNext()) {
                            arrID.add(c.getInt(0));
                        }
                        showDialogDeleteDriver(arrID.get(position));
                    }
                }
            });
            dialog.show();
        }
    });
}

```

```

                return true;
            }
        });
    }

    private void showDialogUpdateDriver(Activity activity, final int position) {

        Dialog dialog = new Dialog(activity);
        dialog.setContentView(R.layout.driver_update_ongoing_activity);
        dialog.setTitle("Update");

        final EditText newdriverid = (EditText)
dialog.findViewById(R.id.newdriverid);
        final EditText newdrivername = (EditText)
dialog.findViewById(R.id.newdrivername);
        final EditText newdrivernumber = (EditText)
dialog.findViewById(R.id.newdrivernumber);
        final EditText newdriveraddress = (EditText)
dialog.findViewById(R.id.newdriveraddress);
        final EditText newdriveremail = (EditText)
dialog.findViewById(R.id.newdriveremail);
        final EditText newdrivervehiclemodel = (EditText)
dialog.findViewById(R.id.newdrivervehiclemodel);
        final EditText newdrivervehiclenumber = (EditText)
dialog.findViewById(R.id.newdrivervehiclenumber);
        final EditText newdriverdob = (EditText)
dialog.findViewById(R.id.newdriverdob);
        Button btnnewdriverupdated = (Button)
dialog.findViewById(R.id.btnnewdriverupdated);

        //set width for dialog

        int width = (int)
(activity.getResources().getDisplayMetrics().widthPixels * 0.95);

        //set height for dialog

        int height = (int)
(activity.getResources().getDisplayMetrics().heightPixels * 0.8);
        dialog.getWindow().setLayout(width,height);
        dialog.show();

        sqliteHelper = new sqlhelper(this, "FoodDB.sqlite",null, 1);
        String driver_id = getIntent().getStringExtra("ID");

        //
        Cursor cursor =
Driver_MainActivity.sqliteHelper.getDriverDetails(driver_id);
        //
        //
        while (cursor.moveToNext()){
            String driverid = cursor.getString(1);
            String name = cursor.getString(2);
            String number = cursor.getString(3);
            String address = cursor.getString(4);
            String email = cursor.getString(5);

```

```

//          String model = cursor.getString(6);
//          String Vnumber = cursor.getString(7);
//          String dob = cursor.getString(8);
//
//          newdriverid.setText(driverid);
//          newdrivername.setText(name);
//          newdrivernumber.setText(number);
//          newdriveraddress.setText(address);
//          newdriveremail.setText(email);
//          newdrivervehiclemode.setText(model);
//          newdrivervehiclenumber.setText(Vnumber);
//          newdriverdob.setText(dob);
//
//      }
}

btnnewdriverupdated.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {

        String s1 = newdriverid.getText().toString();
        String s2 = newdrivername.getText().toString();
        String s3 = newdrivernumber.getText().toString();
        String s4 = newdriveraddress.getText().toString();
        String s5 = newdriveremail.getText().toString();
        String s6 = newdrivervehiclemode.getText().toString();
        String s7 = newdrivervehiclenumber.getText().toString();
        String s8 = newdriverdob.getText().toString().trim();

        if(s1.equals("")||s2.equals("")||s3.equals("")||s4.equals("")||s5.equals("") ||
        ||s6.equals("")||s7.equals("")||s8.equals("")){
            Toast.makeText(getApplicationContext(), "Field Empty",
            Toast.LENGTH_SHORT).show();
        }else{
            try {
                MainActivity.sqliteHelper.updateDataDriver(
                    newdriverid.getText().toString().trim(),
                    newdrivername.getText().toString().trim(),
                    newdrivernumber.getText().toString().trim(),
                    newdriveraddress.getText().toString().trim(),
                    newdriveremail.getText().toString().trim(),
                    newdrivervehiclemode.getText().toString().trim(),
                    newdrivervehiclenumber.getText().toString().trim(),
                    newdriverdob.getText().toString().trim(),
                    position
                );
            }
        }
    }
});

```

```

                dialog.dismiss();
                Toast.makeText(getApplicationContext(), "Added
successfully", Toast.LENGTH_SHORT).show();
            } catch (Exception error){
                Log.e("Error",error.getMessage());
            }

            updateOngoingListDriver();
        }

    }

private void showAlertDialogDeleteDriver(final int idOngongdriver){
    AlertDialog.Builder dialogDelete = new
AlertDialog.Builder(Driver_OngoingList.this);
    dialogDelete.setTitle("Warning");
    dialogDelete.setMessage("Do you really want to delete this ongoing
order?");
    dialogDelete.setPositiveButton("OK", new
DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
            try {

MainActivity.sqliteHelper.deleteDataDriver(idOngongdriver);

MainActivity.sqliteHelper.deleteDataDriver(idOngongdriver);
                Toast.makeText(getApplicationContext(), "Deleted
successfully", Toast.LENGTH_SHORT).show();
            } catch (Exception e){
                Log.e("Error in delete",e.getMessage());
            }

            updateOngoingListDriver();

        }
    });
    dialogDelete.setNegativeButton("Cancel" , new
DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
            dialog.dismiss();
        }
    });
    dialogDelete.show();
}

private void updateOngoingListDriver(){
    Cursor cursor = MainActivity.sqliteHelper.getDriverData("SELECT *
FROM DRIVERDETAILS");

```

```
list.clear();
while (cursor.moveToFirst()){
    int id = cursor.getInt(0);
    String newdriverid = cursor.getString(1);
    String newdrivername = cursor.getString(2);
    String newdrivernumber = cursor.getString(3);
    String newdriveraddress = cursor.getString(4);
    String newdriveremail = cursor.getString(5);
    String newdrivervehiclemodel = cursor.getString(6);
    String newdrivervehiclenumber = cursor.getString(7);
    String newdriverdob = cursor.getString(8);

    list.add(new
Driver_Ongoing(newdriverid,newdrivername,newdrivernumber,newdriveraddress,new
driveremail,newdrivervehiclemodel,newdrivervehiclenumber,newdriverdob,id));

}
adapter.notifyDataSetChanged();
}

}
```