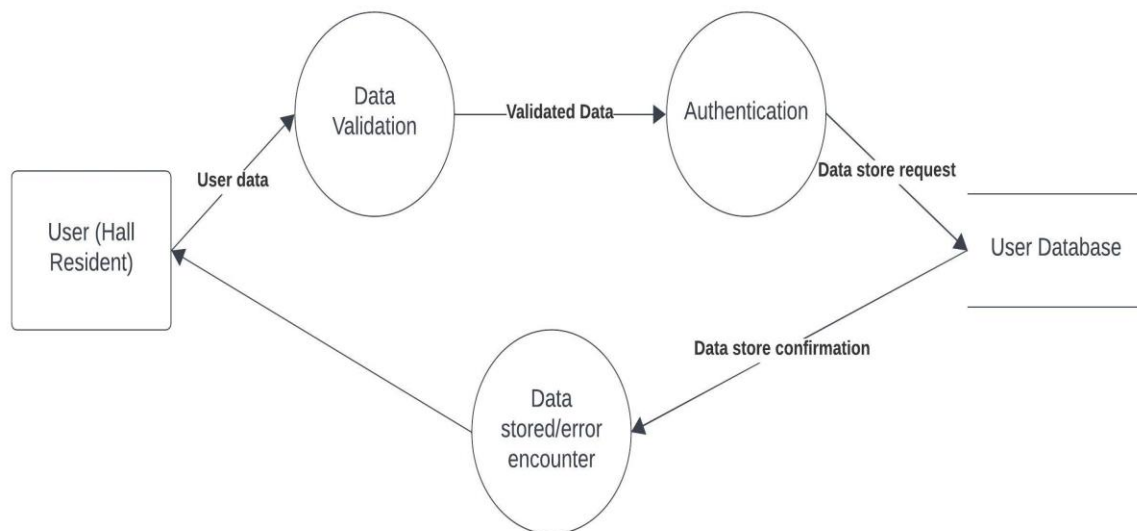


# Features of the University Hall Dining Management System App

## Project Diagram :



## User Registration and Login Interface :

**Login**

**Email**

**Password**

**LOGIN**

**Activity main.xml (User Registration/Login Layout):**

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">
```

```
<EditText
    android:id="@+id/emailField"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Email"
    android:inputType="textEmailAddress" />
```

```
<EditText
    android:id="@+id/passwordField"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Password"
    android:inputType="textPassword" />
```

```
<ProgressBar
    android:id="@+id/progressBar"
```

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:visibility="gone" />
```

```
<Button
```

```
    android:id="@+id/loginButton"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Login" />
```

```
<Button
```

```
    android:id="@+id/registerButton"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Register" />
```

```
</LinearLayout>
```

## **Menu Display :**

### **Activity menu.xml (Menu Display Layout):**

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
```

```
android:orientation="vertical"
```

```
android:padding="16dp">
```

```
<TextView
```

```
    android:id="@+id/menuTextView"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:text="Menu"
```

```
    android:textSize="24sp" />
```

```
<RecyclerView
```

```
    android:id="@+id/menuRecyclerView"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="match_parent" />
```

```
</LinearLayout>
```

### **MenuItem.java (Menu Data Model):**

```
public class MenuItem {
```

```
    private String dishName;
```

```
    private String price;
```

```
    public MenuItem(String dishName, String price) {
```

```
        this.dishName = dishName;
```

```
        this.price = price;
```

```
    }
```

```

public String getDishName() {

    return dishName;

}

public String getPrice() {

    return price;

}

}

```

