**Question A: Set up the Simple Personal Organizer Project**

Set up the Simple Personal Organizer project in Android Studio.

➢Create a new Android project in Android Studio and name it SimplePersonalOrganizer.

➢Select an Empty Activity template and ensure the project targets API level 24 (Nougat) or higher.

➢Configure the package name and app settings as required.

➢Create a database helper class named DatabaseHelper to manage the SQLite database.

➢Define a table Users with the following columns:

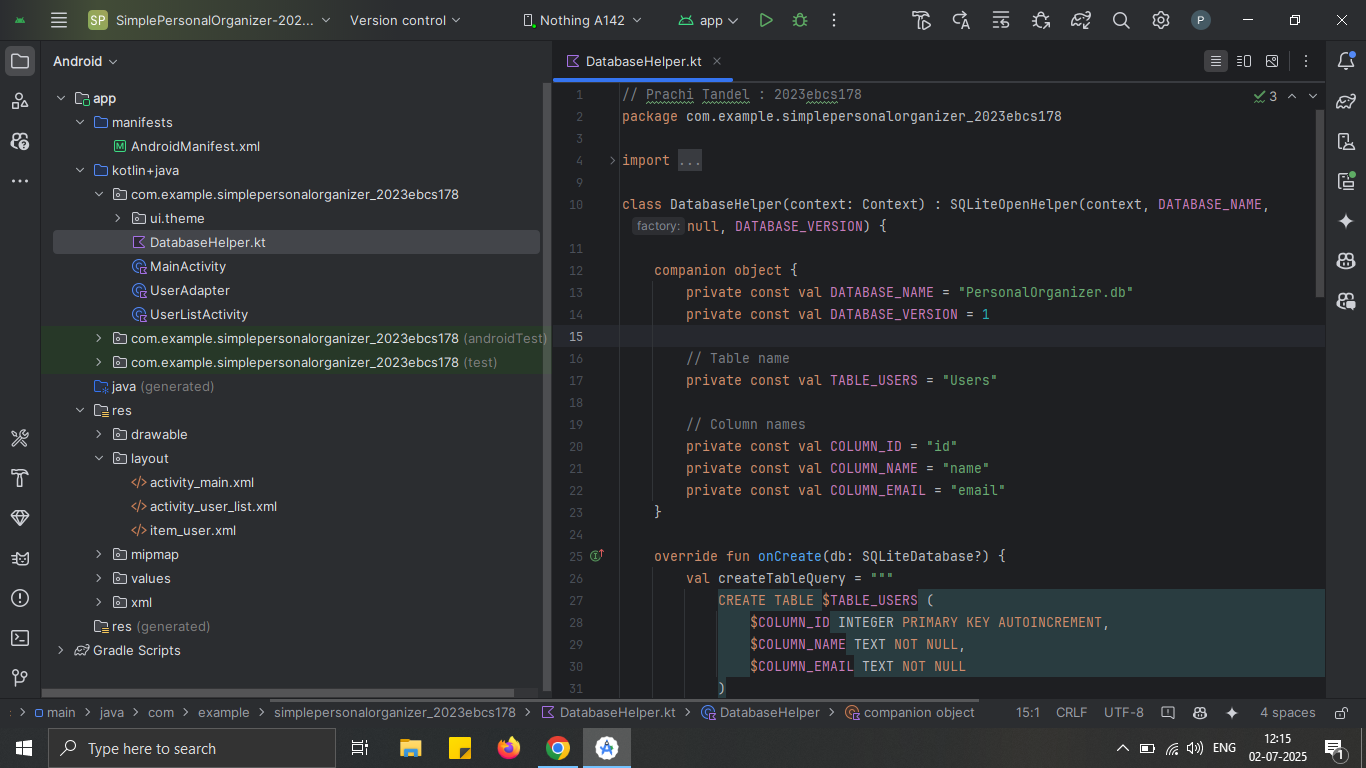
Oid (INTEGER, primary key, auto-increment)

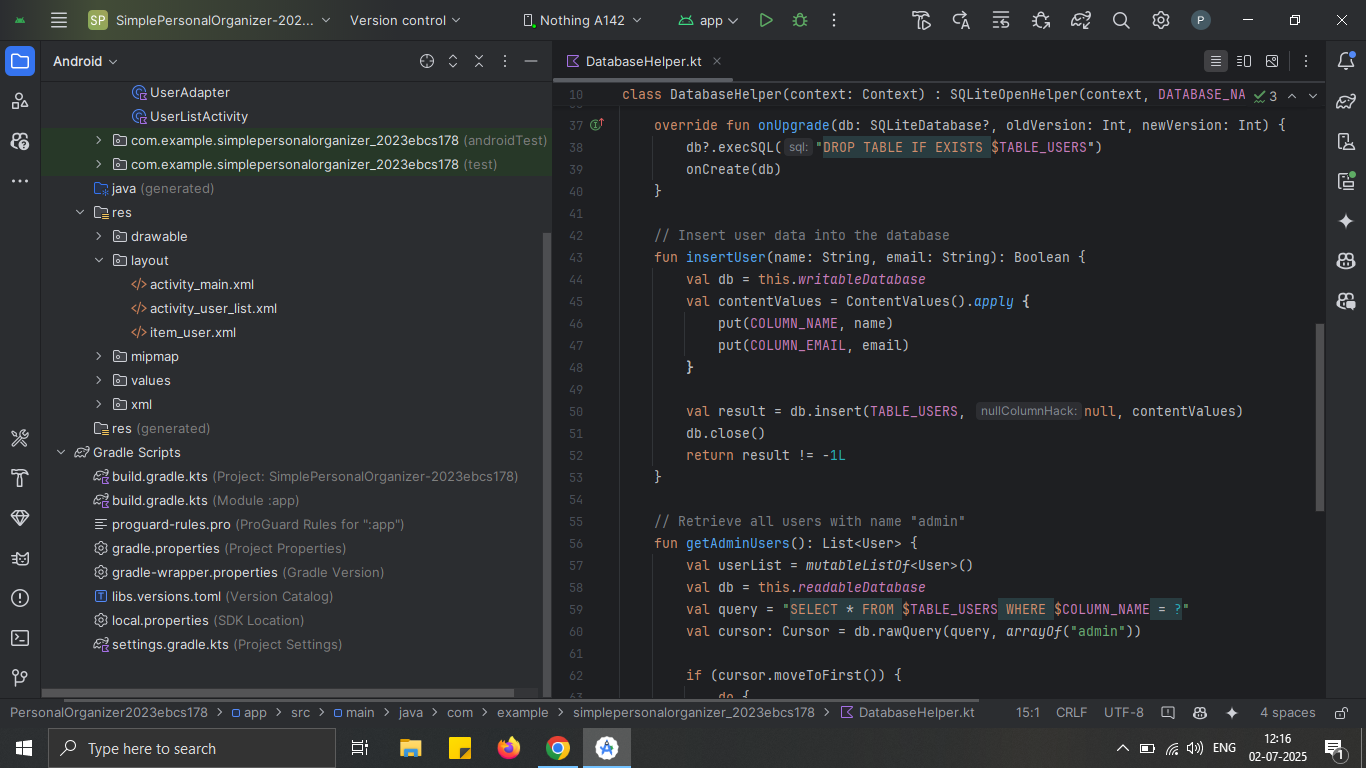
oname (TEXT, stores the user’s name)

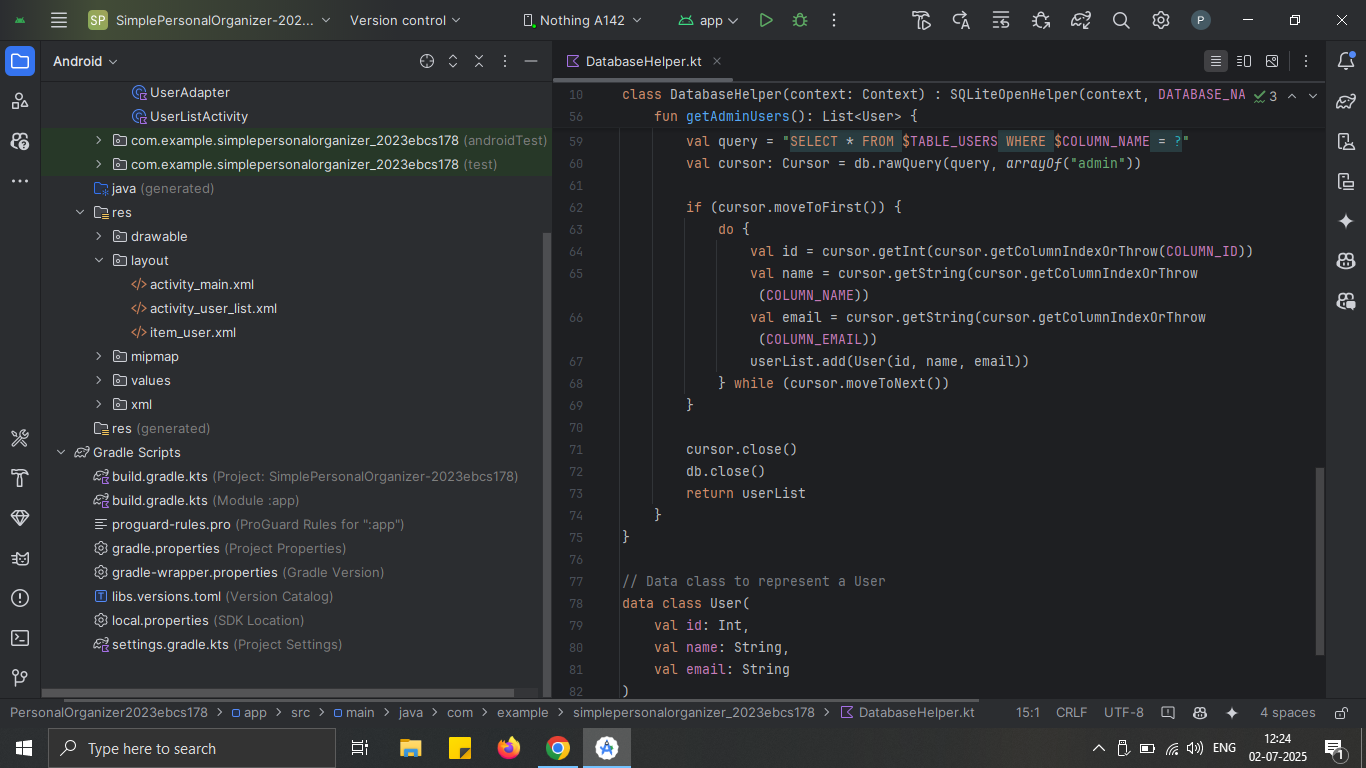
oemail (TEXT, stores the user’s email address)

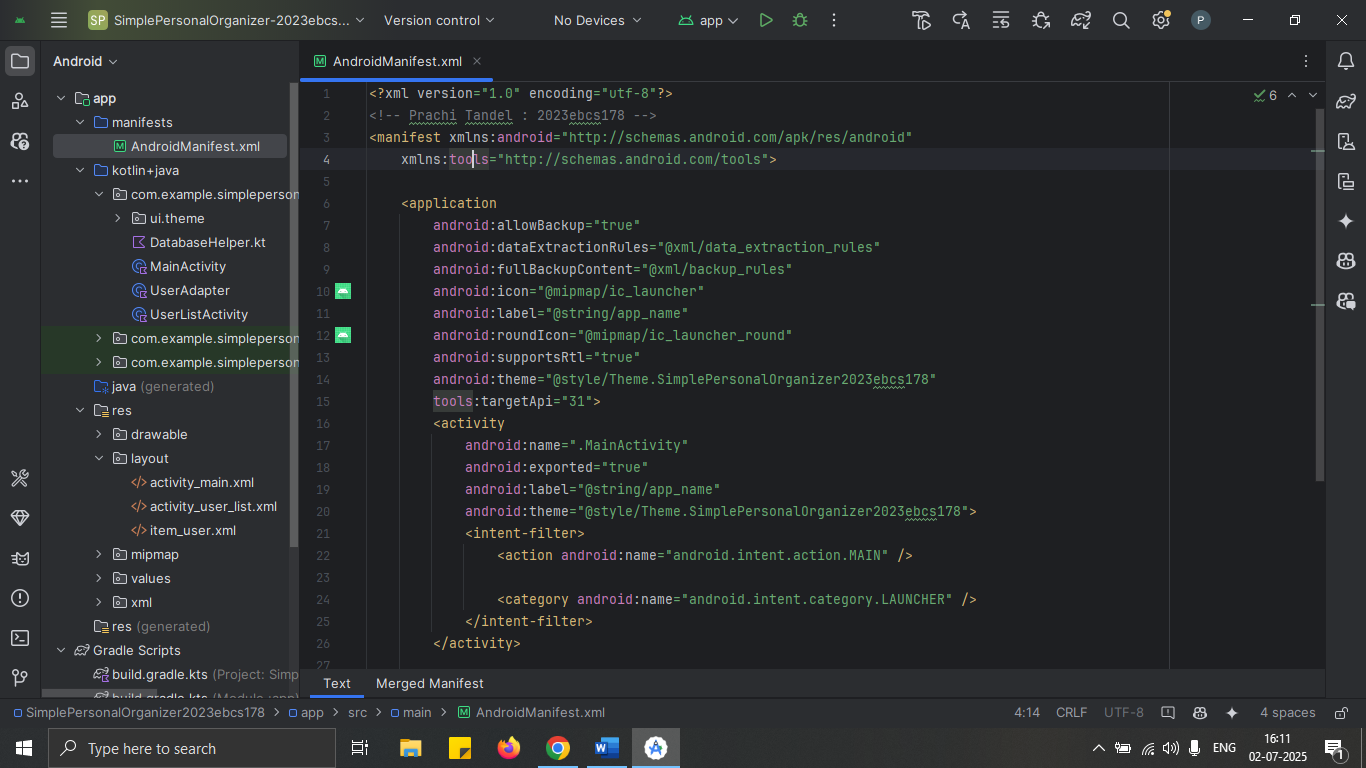
**Deliverable: Submit the project setup screenshot showing the project structure, configuration, and the DatabaseHelper class code.**

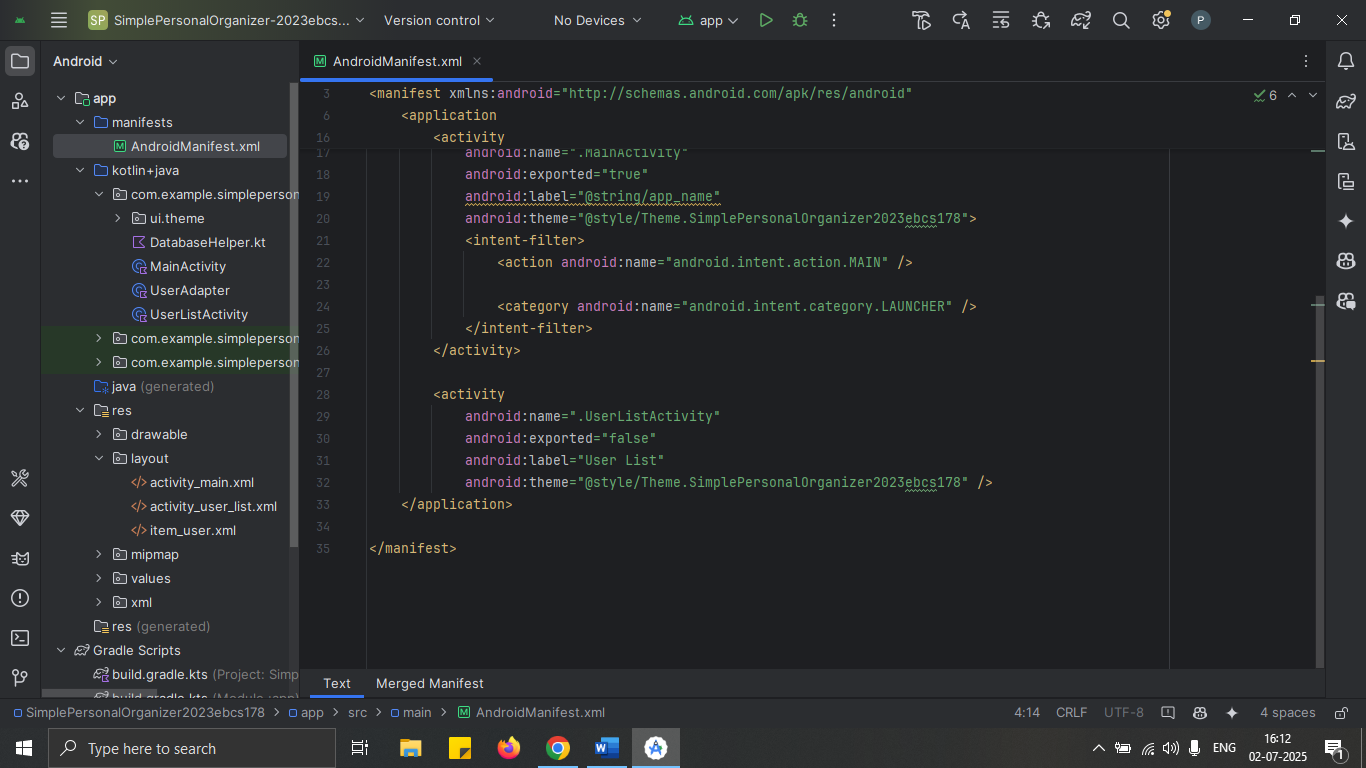
**DatabaseHelper.kt + project structure + configuration**











**Question B: Design the Information Form**

Design a basic information form in activity\_main.xml to collect user details and store them in the database.

➢Add EditText elements in activity\_main.xml for Name and Email, with TextView labels for each field.

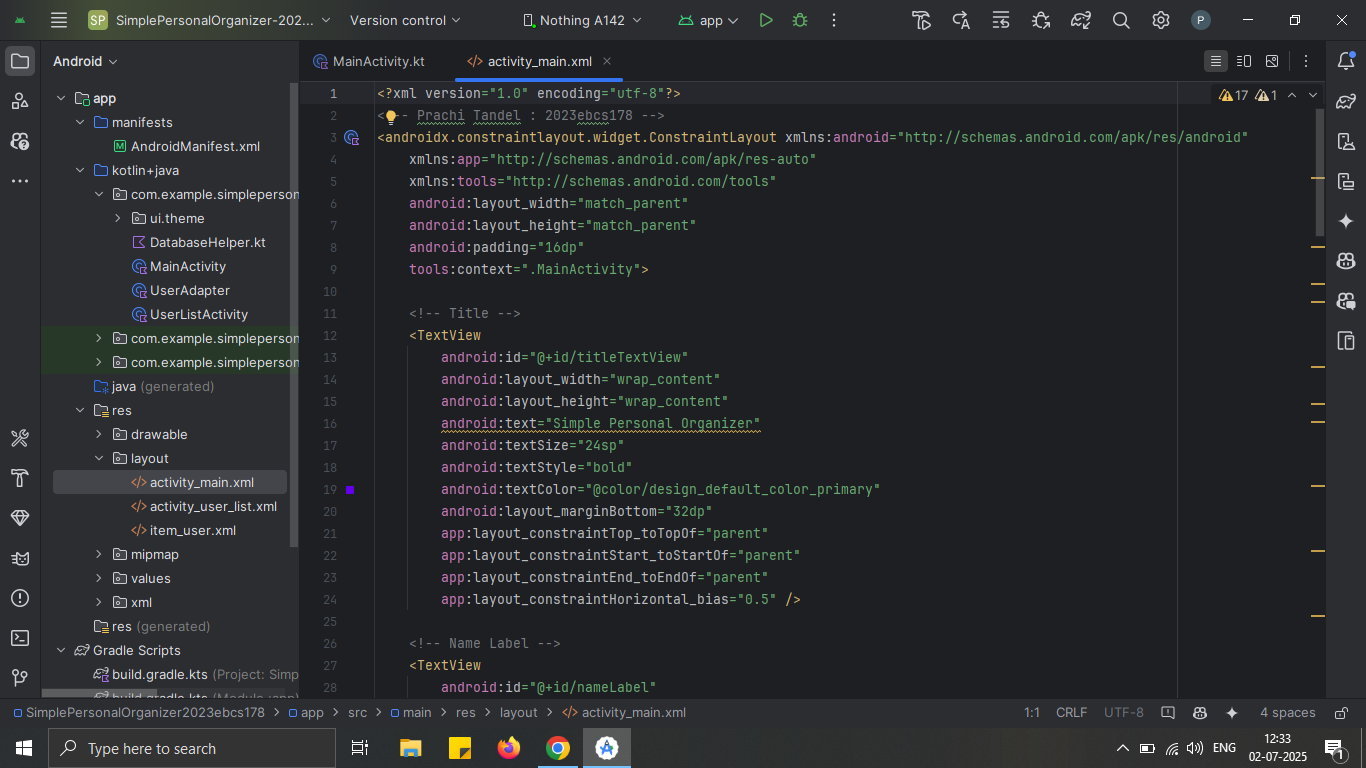
➢Add a "Save" button to store the entered data in the Users table using the DatabaseHelper class.

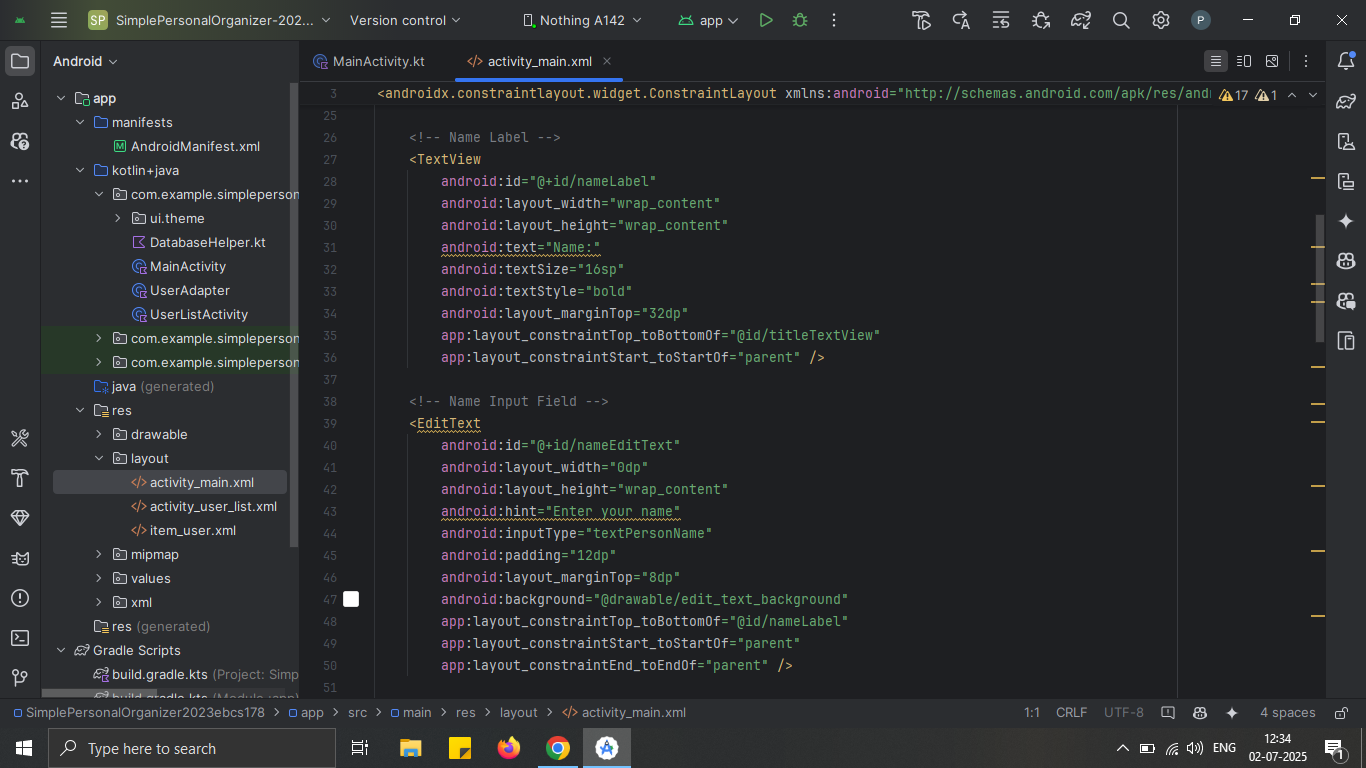
➢Add basic styling (e.g., padding, margins) to make the form visually readable.

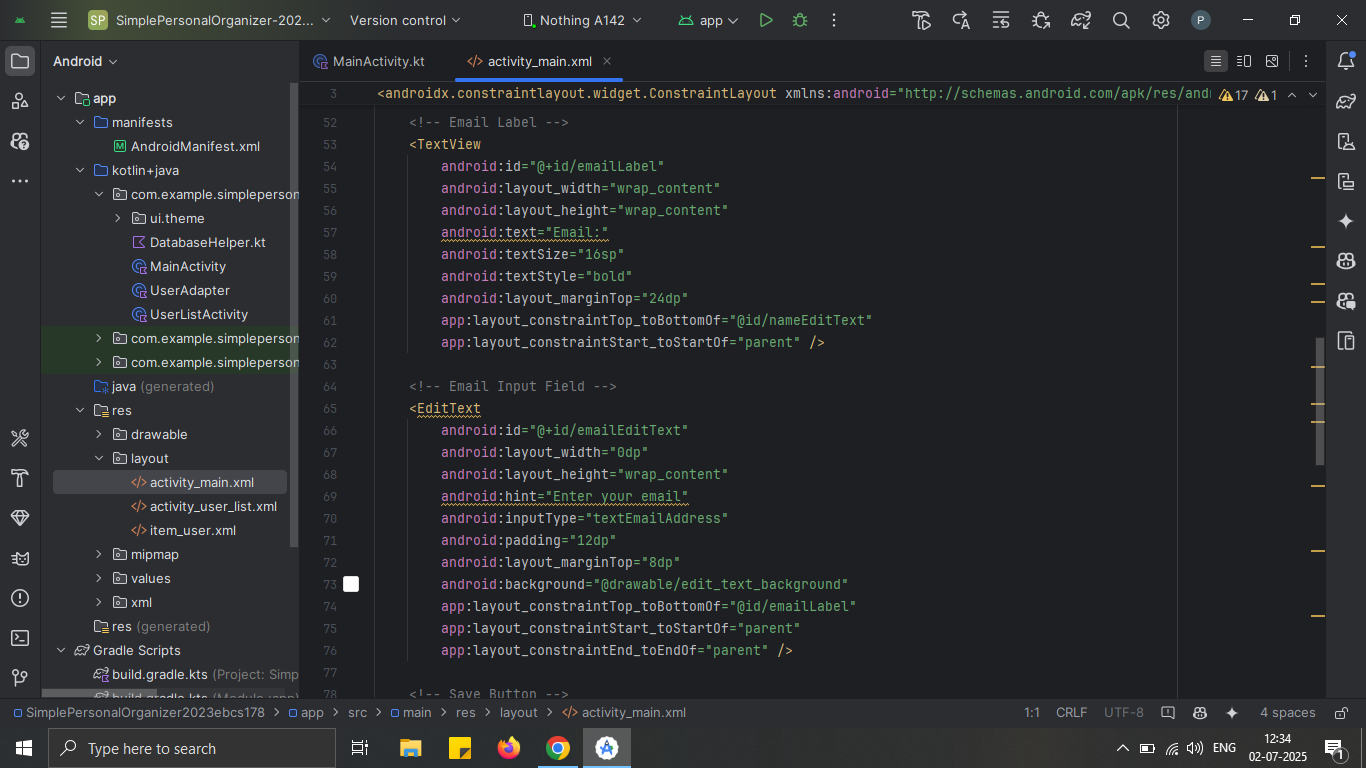
➢Display a success message upon saving the data.

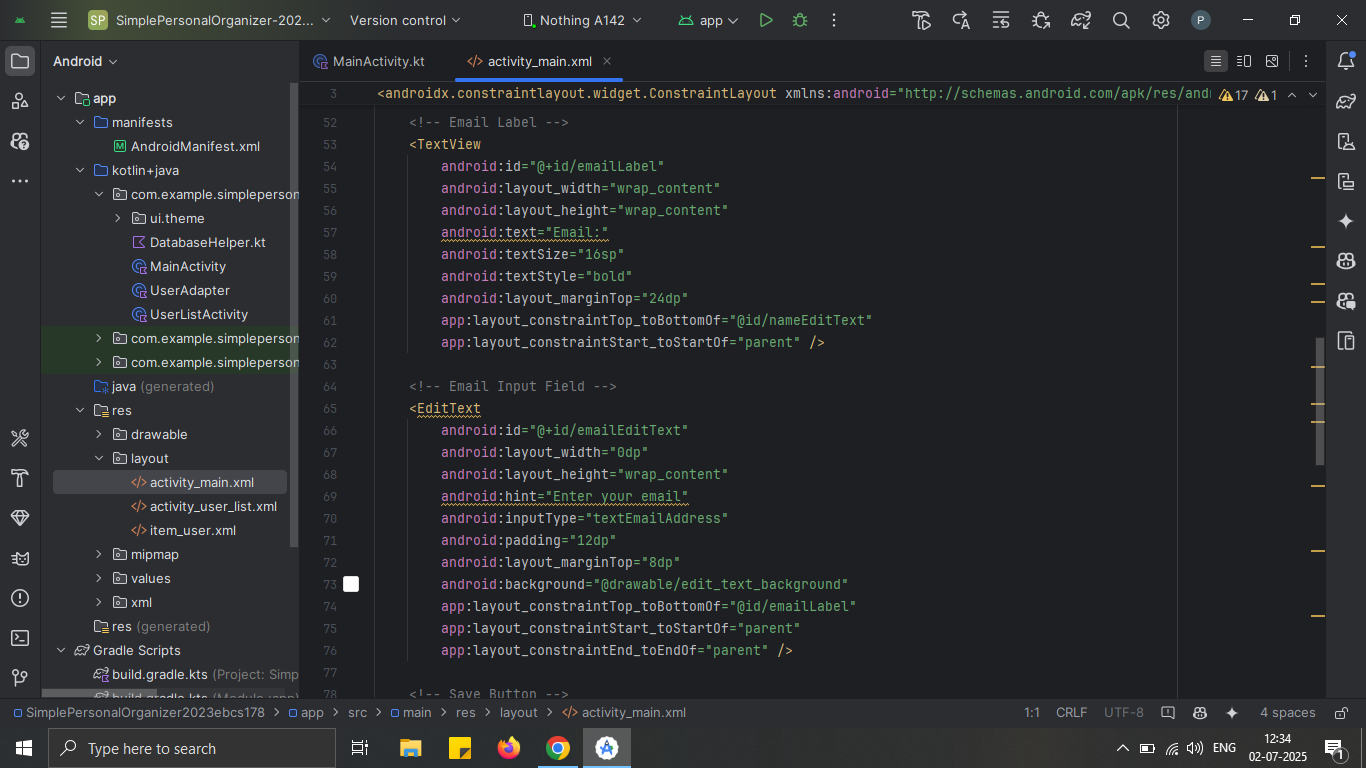
**Deliverable: Submit the XML layout file (activity\_main.xml) and MainActivity.kt file, and a screenshot of the form showing sample data saved in the database**

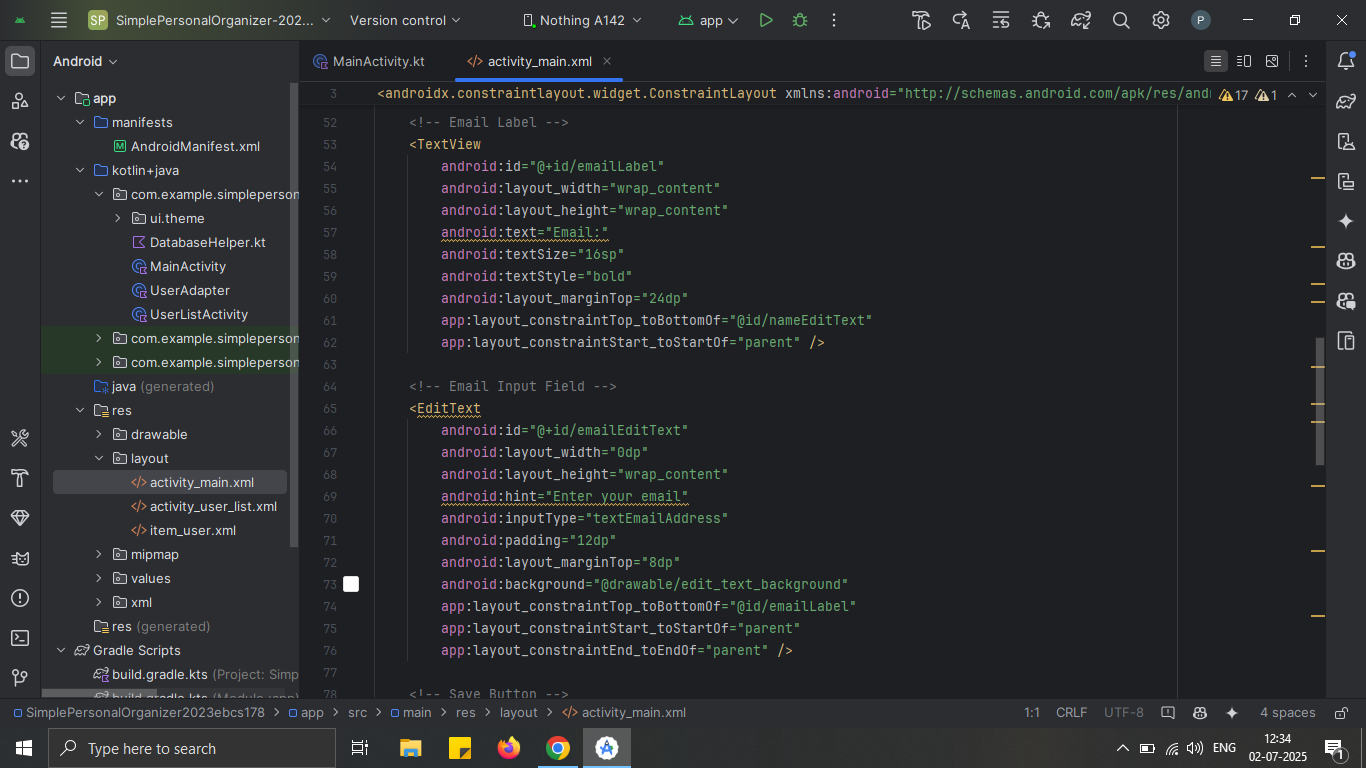
**activity\_main.xml**

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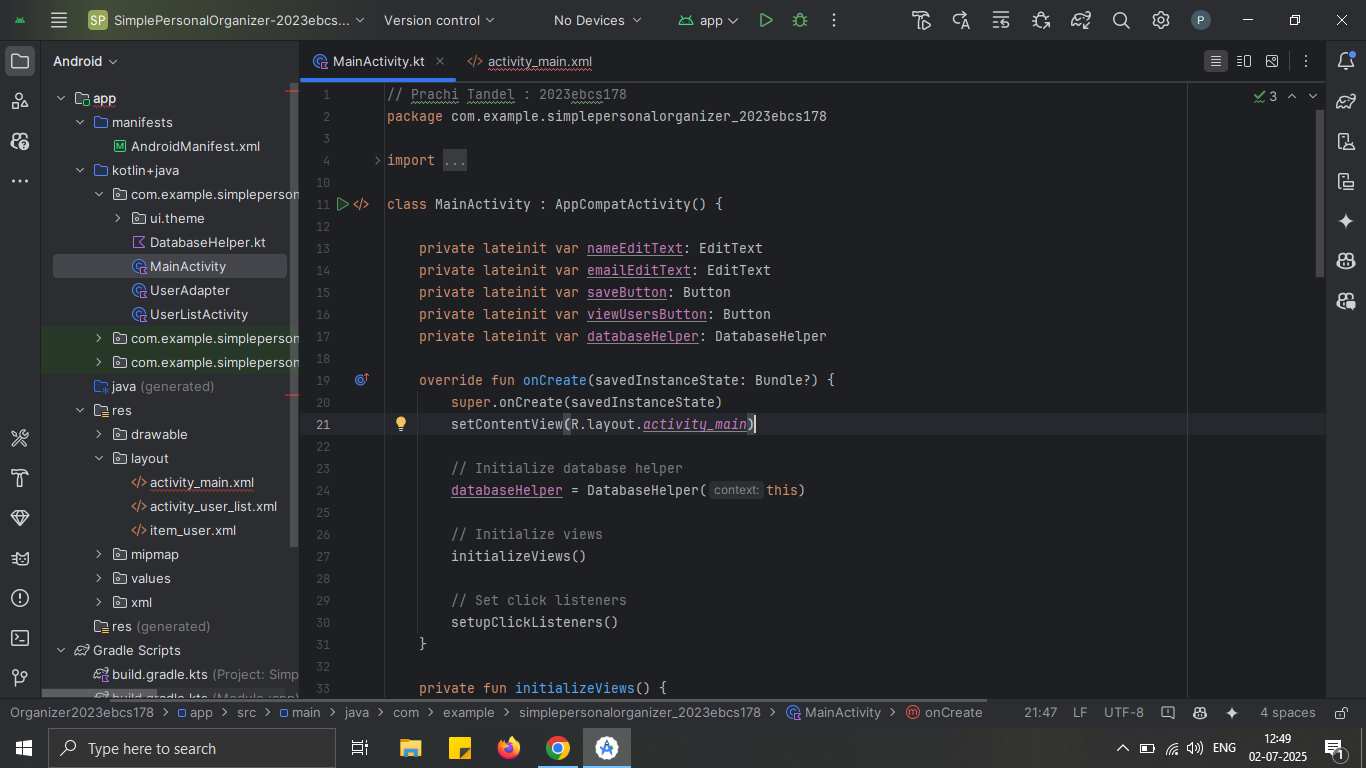
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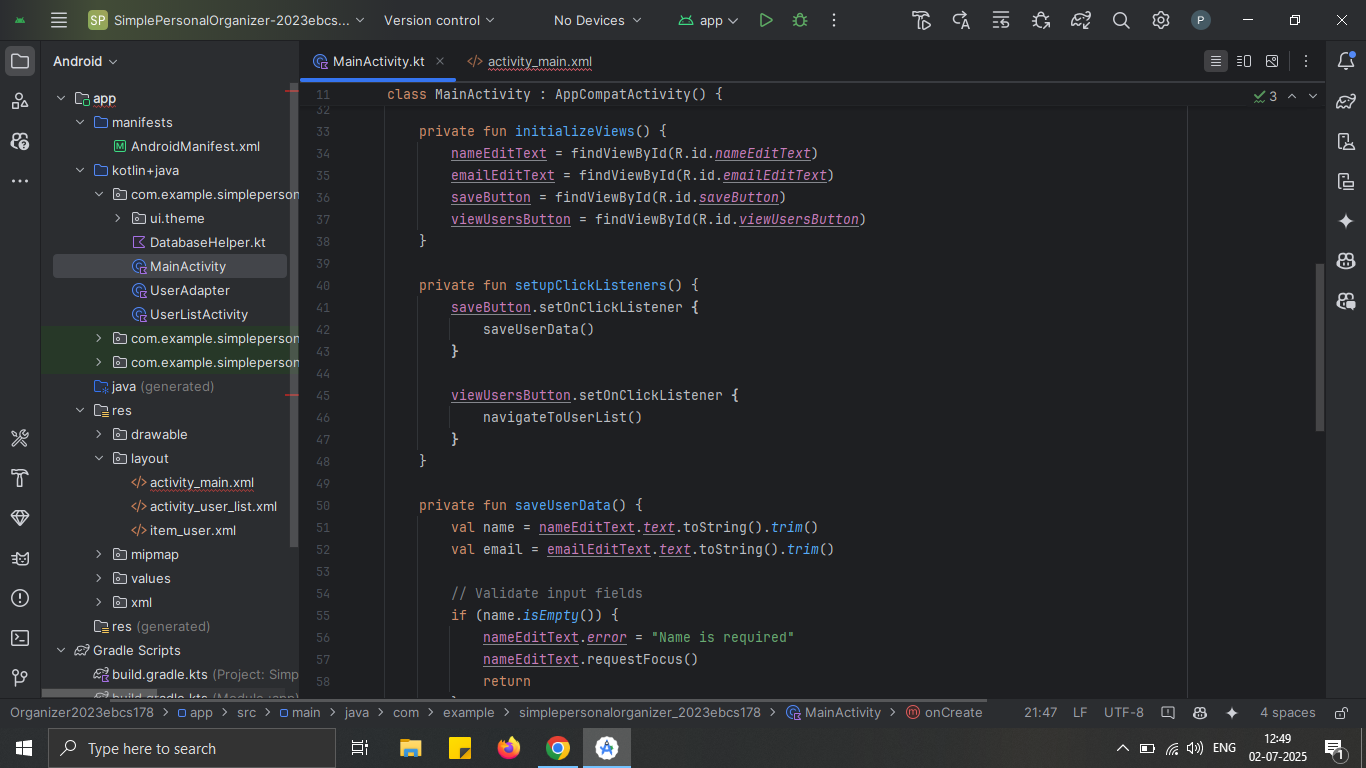
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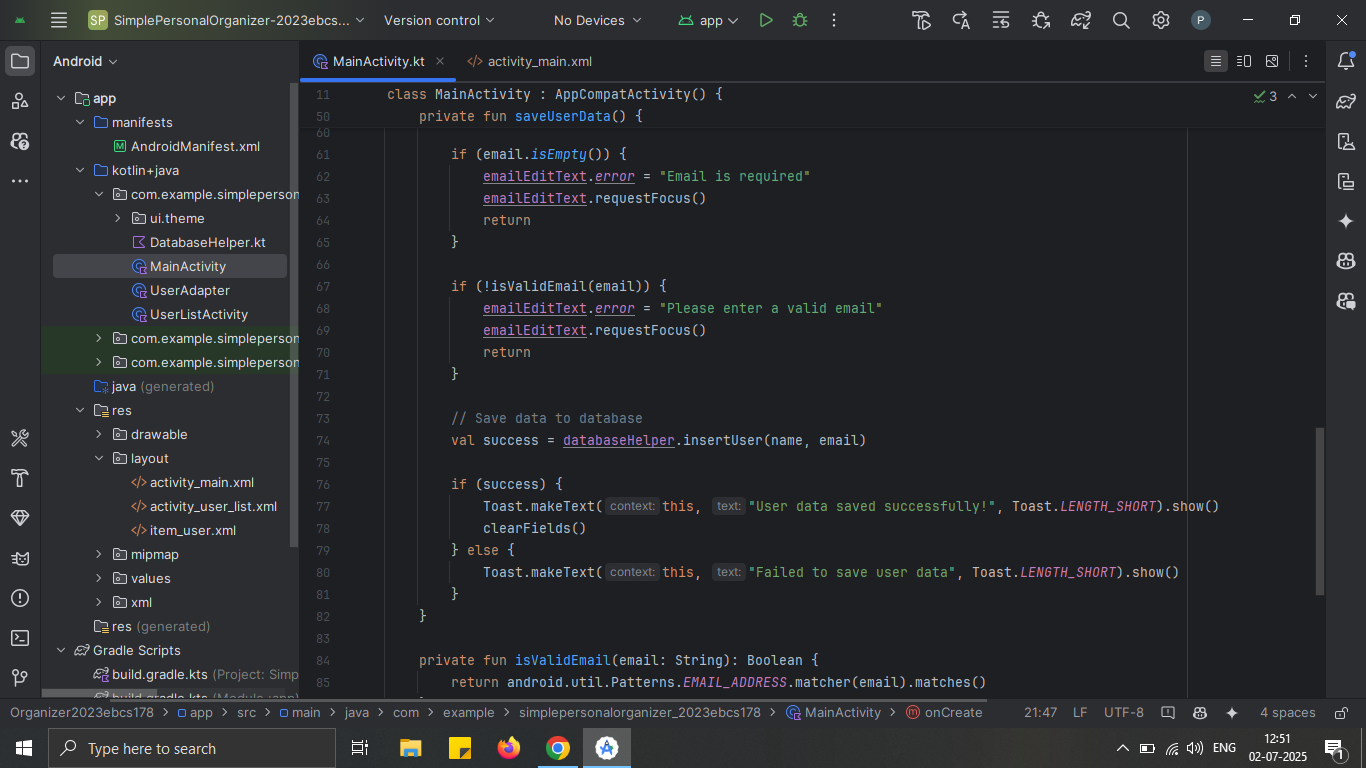
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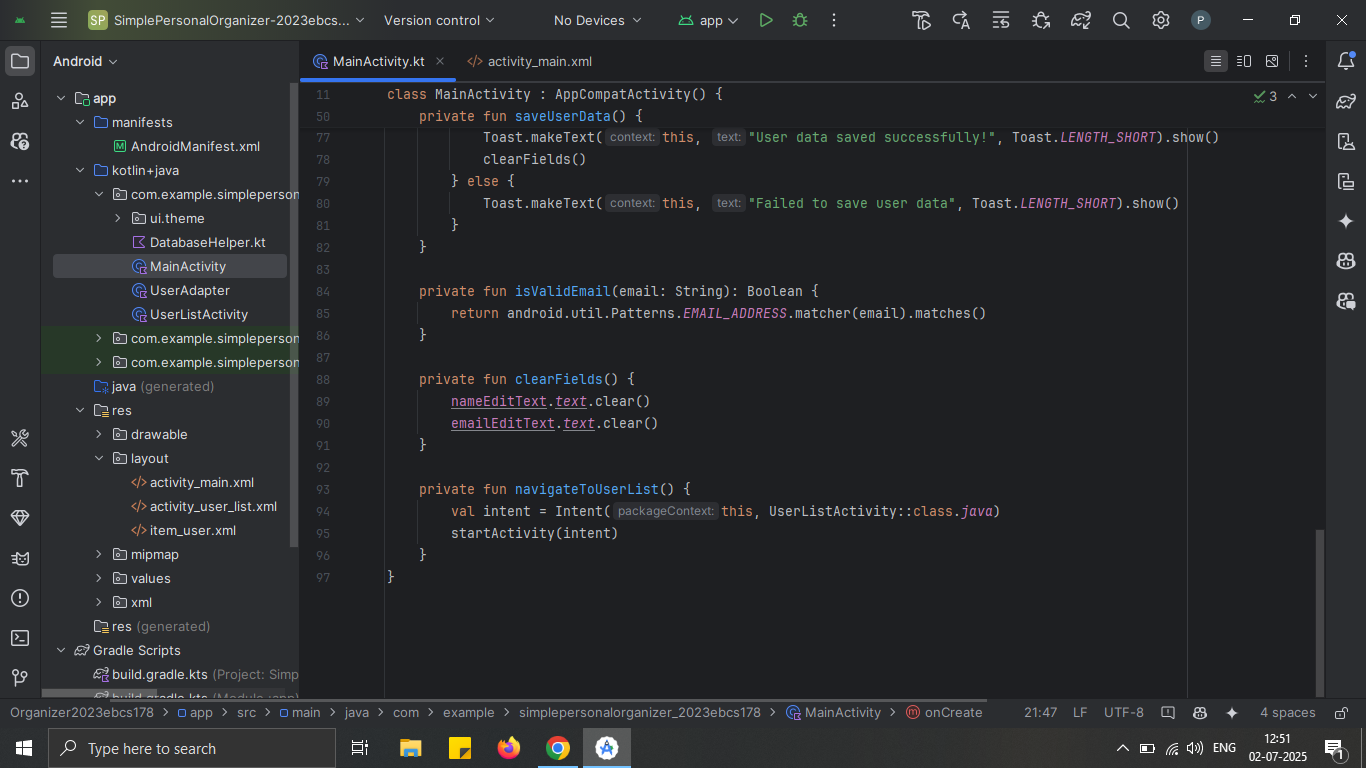
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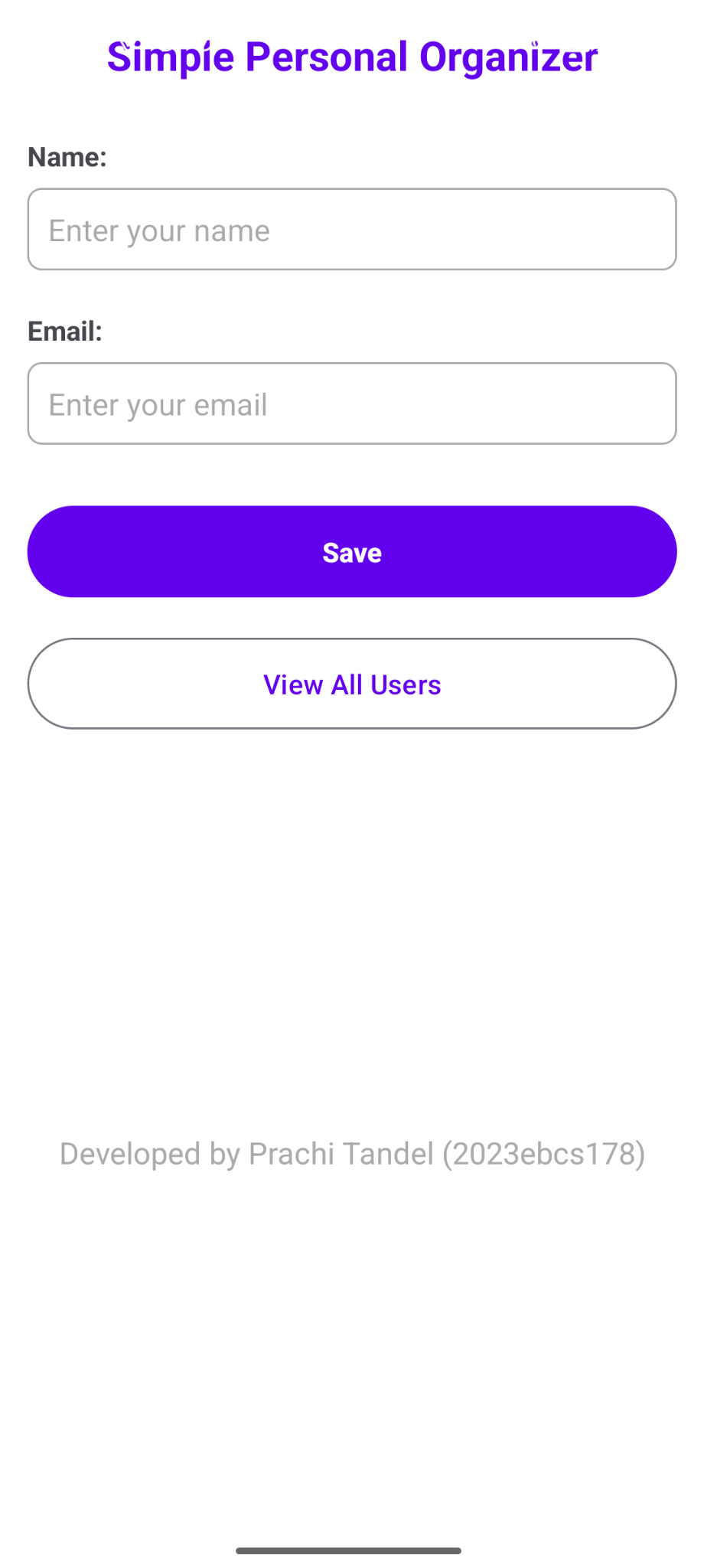
**MainActivity.kt**

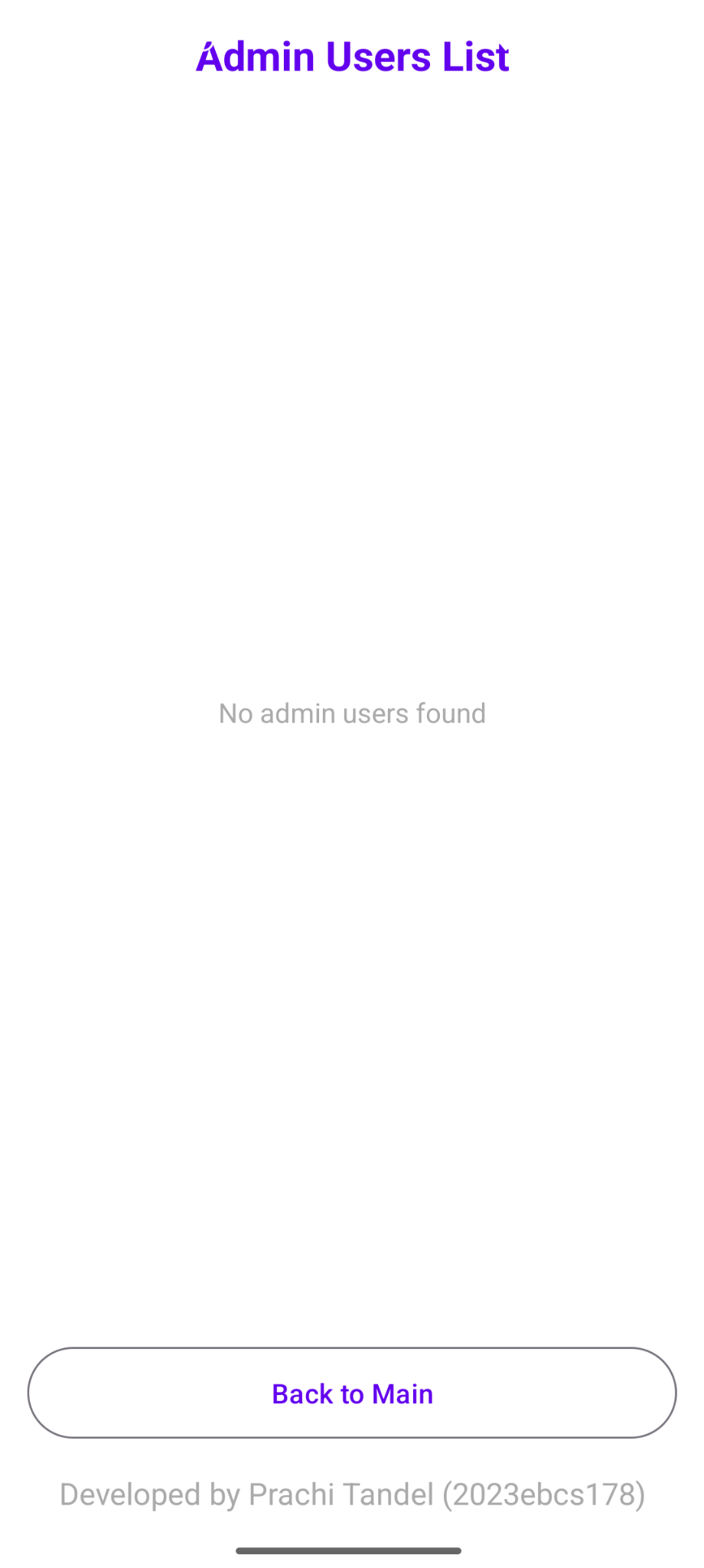
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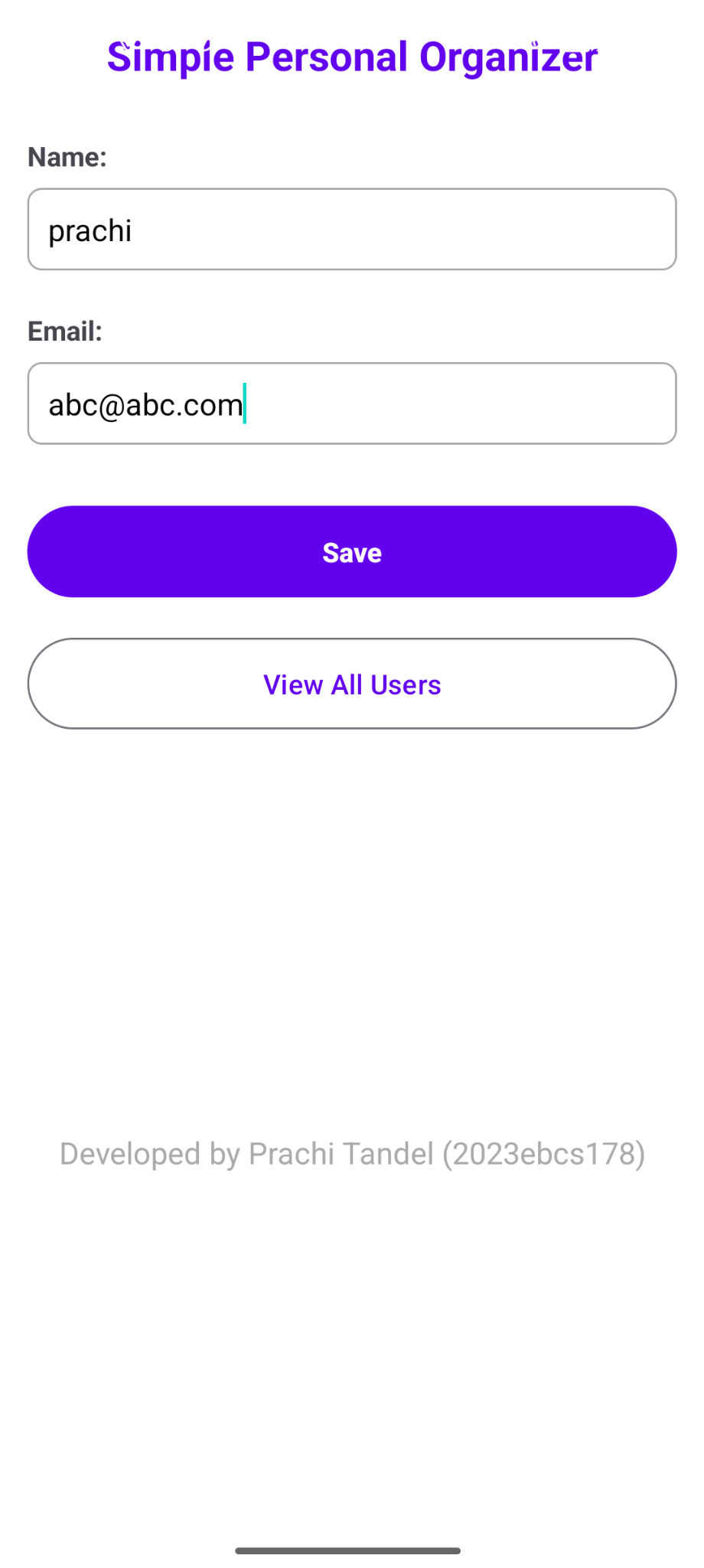
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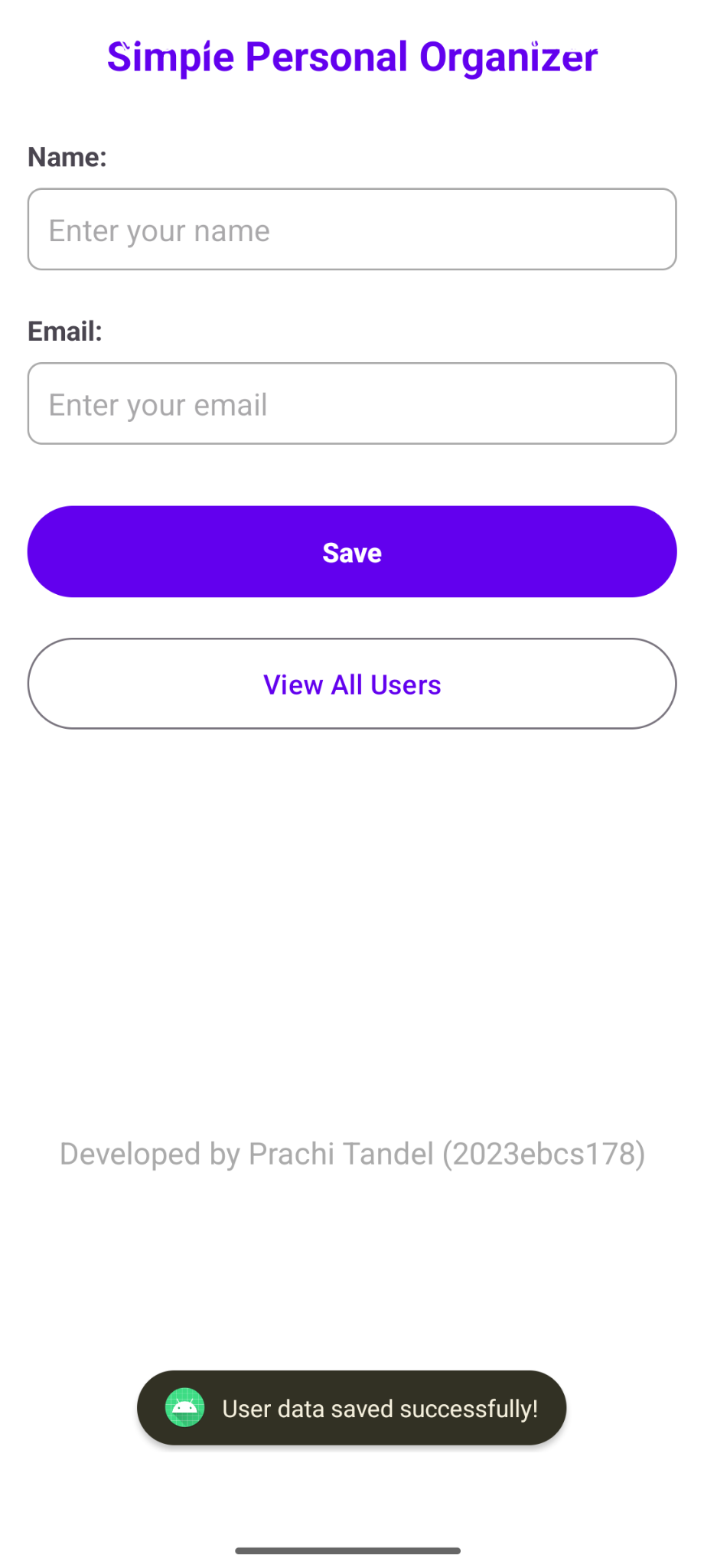
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**Question C: Implement Navigation and Data Retrieval**

Create a second screen to display the stored user information.

➢Add a new activity named UserListActivity.

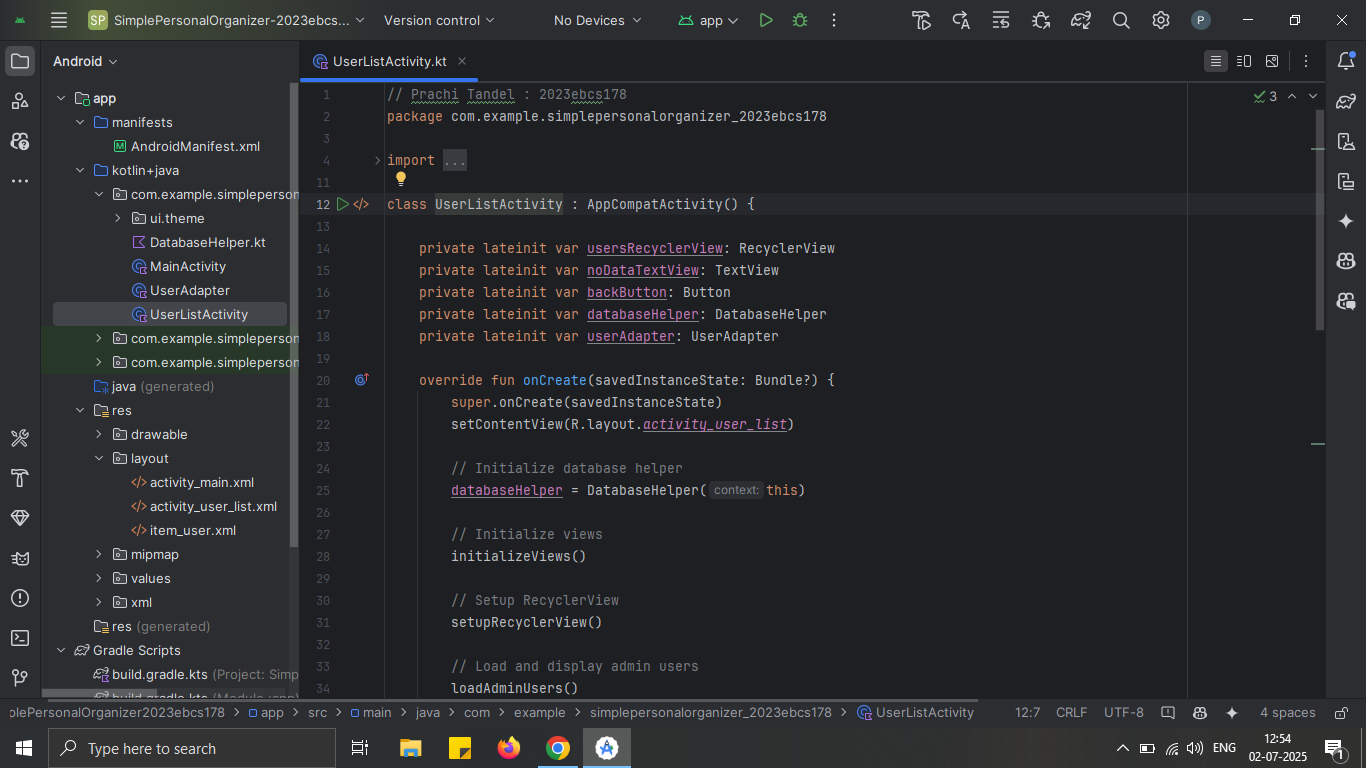
➢Use the DatabaseHelper class to retrieve all user records from the Users table only for user named “admin”.

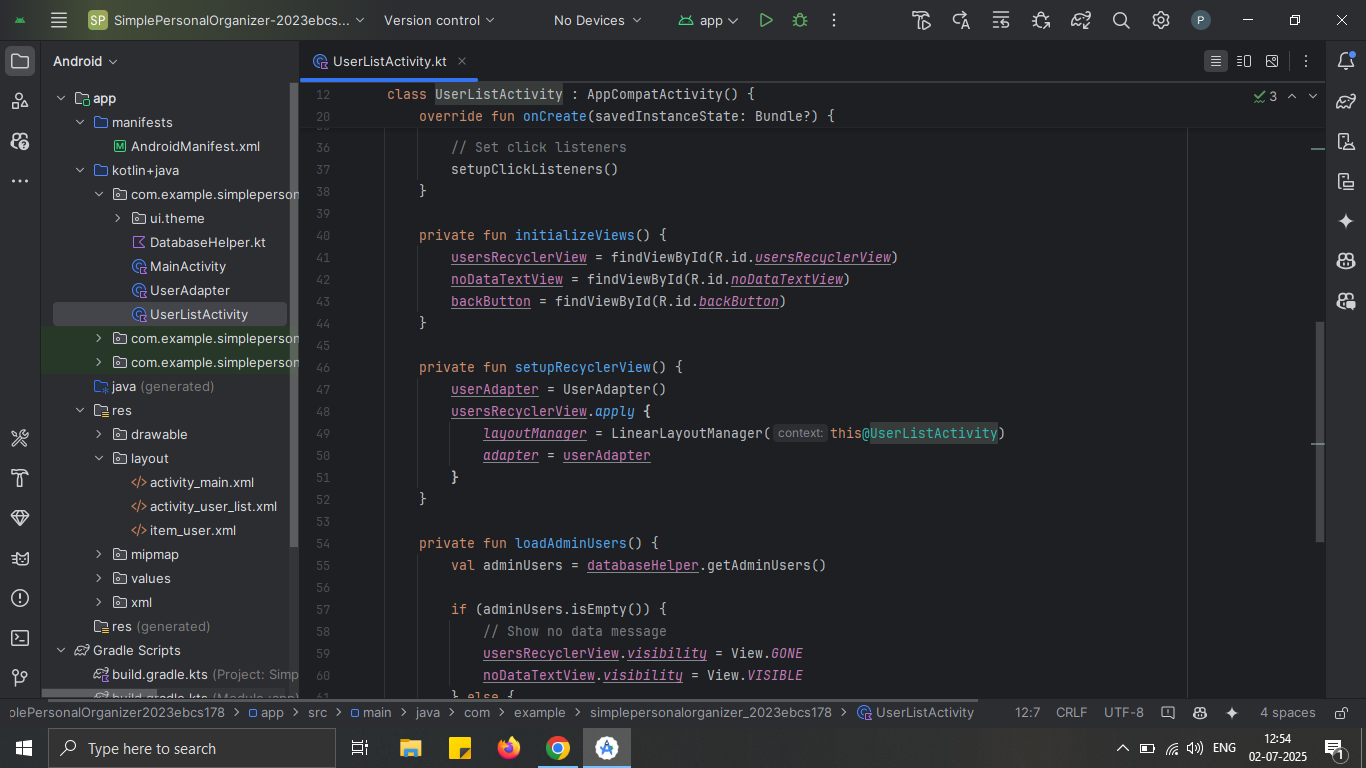
➢Display the retrieved data in a RecyclerView or ListView, showing Name and Email.

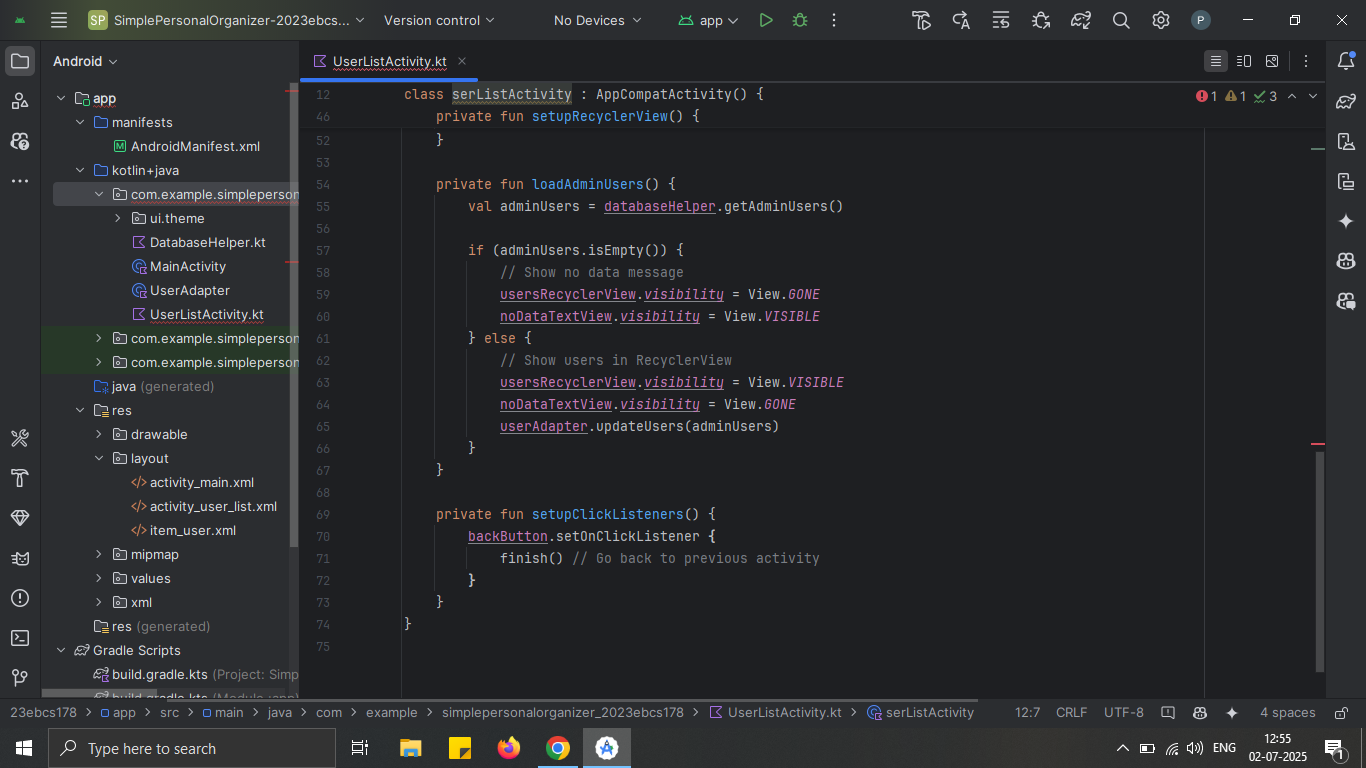
➢Add a "View All Users" button in the main form to navigate to the UserListActivity.

**Deliverable: Submit the UserListActivity.kt file and a screenshot showing the list of users displayed on the screen.**

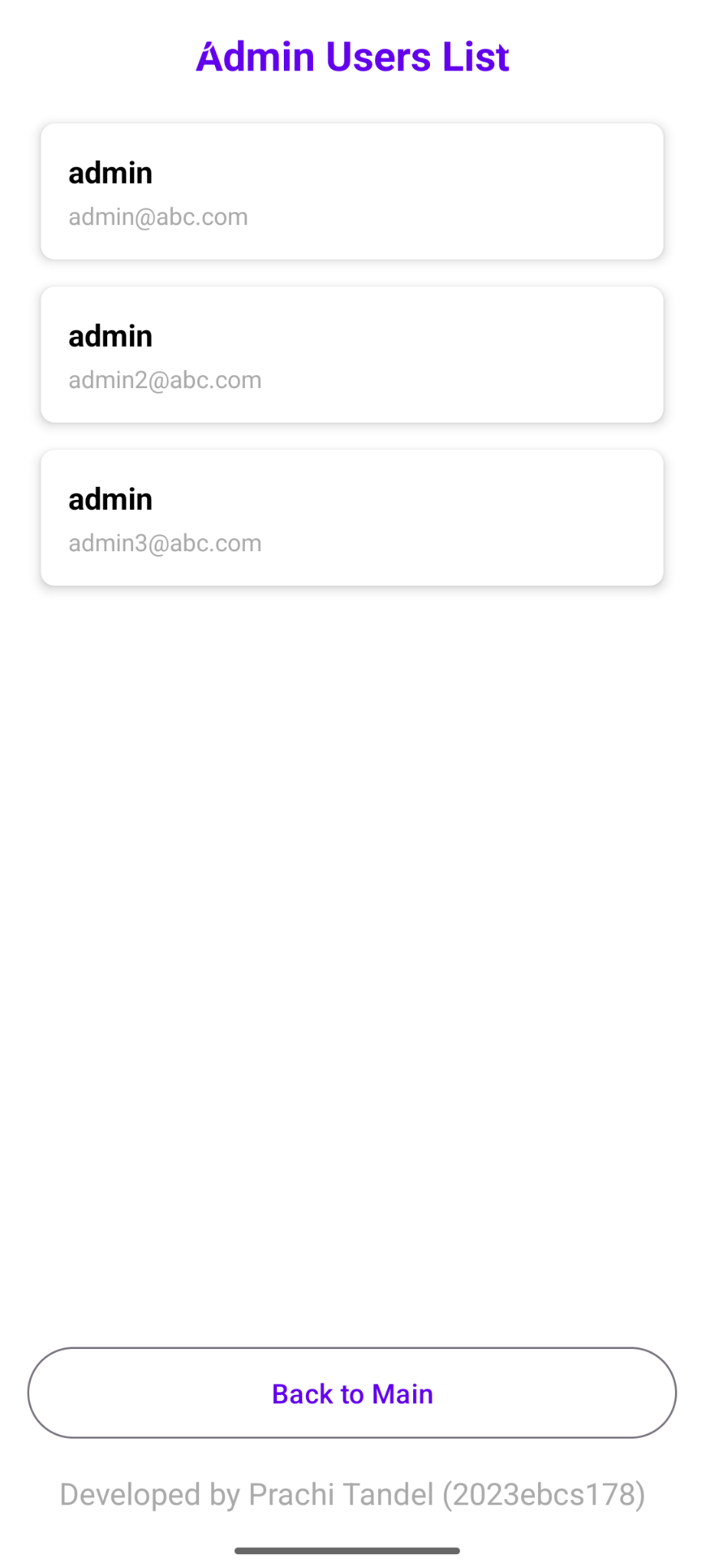
**UserListActivity.kt**

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