**App details:**

1. The app home screen has various fields that takes as input the details of the user. Once the ‘Create’ button is pressed, a table named “Name\_Age\_Id\_Gender” is created if the table is not present already(New User registration), or if the table exists already, the table is fetched and set as the active table for the user(Existing User) and the next screen is shown with appropriate welcome Toasts.

2. Values from the accelerometer are collected every second, and the timestamp, x, y, z values are stored in the table for the user.

3. When the “Start” button is pressed, most recent 10 rows from the table is fetched and three line graphs (one for each axes) is displayed in the graph view.

4. When the “Stop” button is pressed, the graph view is cleared.

5. When the “Upload” button is pressed, the entire database is uploaded to the remote server.

6. On pressing the back button, accelerometer stops sensing the changes and the registration screen is displayed.

7. When the “View Patients” button is pressed, a list of all tables in the current database gets listed.

8. When the “Download Database” button is pressed, the database that was uploaded to the server gets downloaded and replaces the existing database, and all the tables from the updated database gets listed.