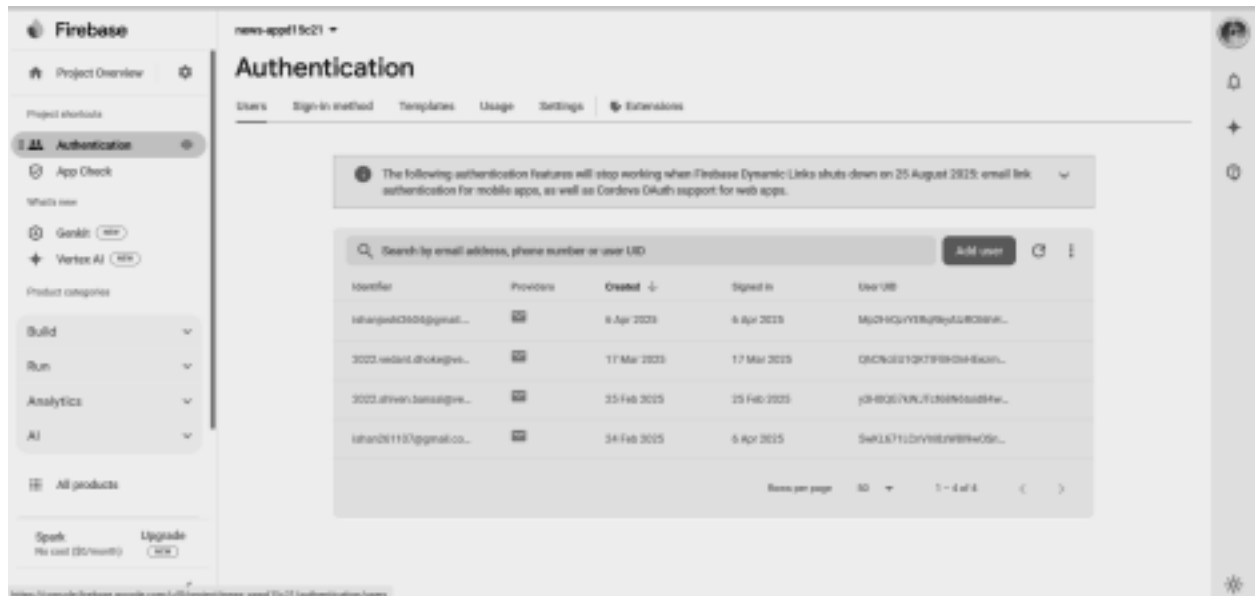


Experiment 6

Aim: To connect Flutter UI with FireBase database.

Description: This experiment focuses on integrating Firebase with a Flutter application to store and retrieve real-time data. It involves configuring Firebase for the Flutter project, setting up the necessary packages, and writing code to handle CRUD operations. In this app, users can add income entries by entering details such as name, amount, date, category, and whether the income is recurring. Upon submission, the data is sent to Firebase and displayed instantly in the app's UI along with updated total and graphs. This ensures smooth data synchronization between the backend and frontend.

Output:



Conclusion: By connecting Flutter with Firebase, we achieved seamless real-time data storage and retrieval. Income entries were successfully added from the app and reflected instantly in the UI with updated values and graphs, enhancing both functionality and user experience.