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**EXP 6**

**AIM: To connect Flutter UI with Firebase Database**

## Description:

Firebase is a Backend-as-a-Service (BaaS) platform by Google that provides tools like real-time databases, authentication, cloud storage, and more for building modern apps. It helps developers build secure, scalable apps quickly without managing backend infrastructure.

In my project Firebase is used to manage three collections (tables):

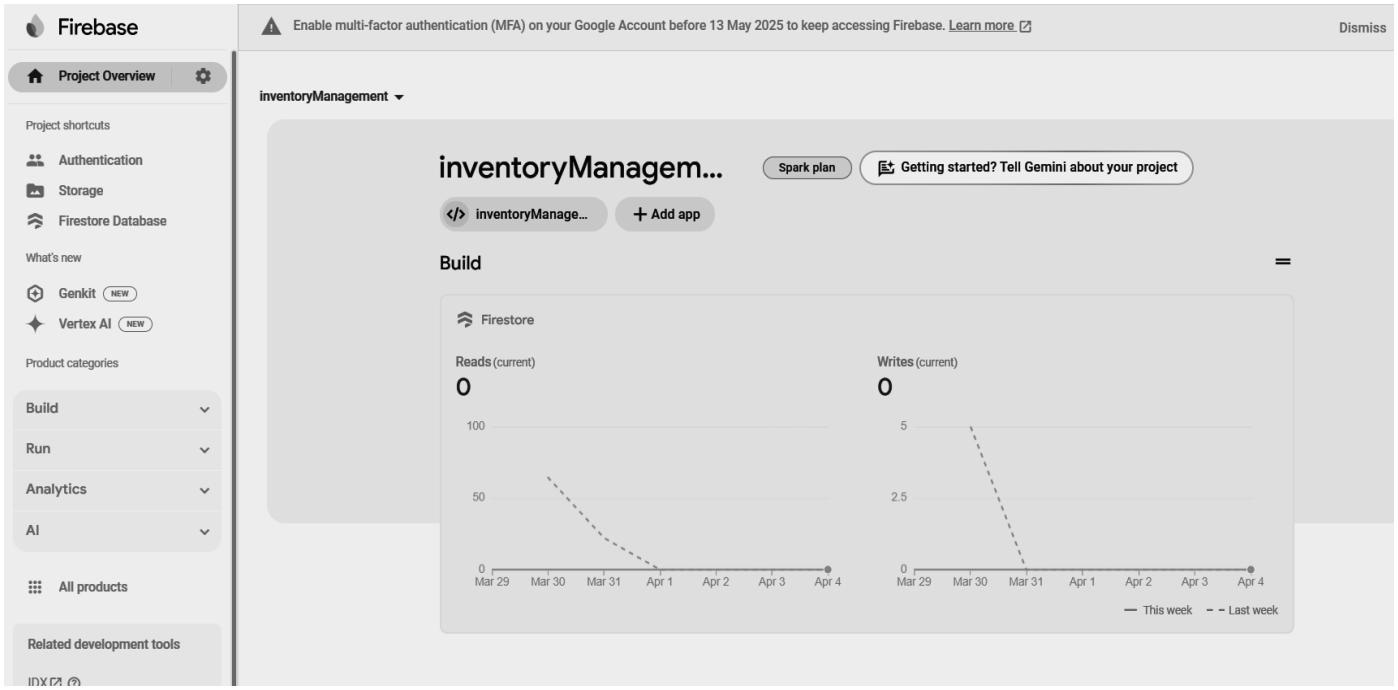
Orders – Stores order details placed by users.

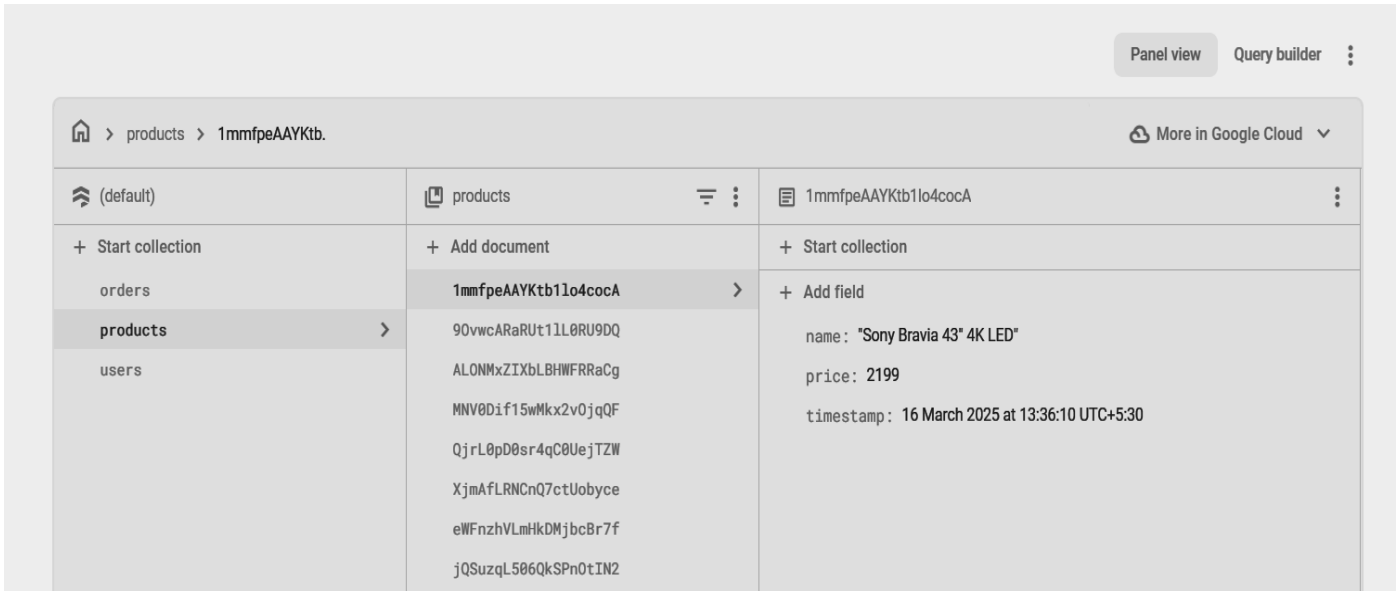
Products – Contains product information such as name, price, and stock.

Users – Holds user profiles, authentication data, and other related info.

Firebase ensures real-time updates, secure data handling, and seamless integration with your Flutter app.

## Screenshots:




## Conclusion:

In this experiment, we successfully connected the Flutter UI with the Firebase Database. We integrated Firebase to store and manage data for users, products, and orders. This connection enabled real-time data updates and seamless backend support, demonstrating how Flutter and Firebase together provide a powerful solution for building dynamic and data-driven applications.