NAME	KAUSHAL S GALAV
CLASS/ROLL NO	D15C/11
SUBJECT	MAD AND PWA LAB
DOP	
DOS	
SIGN	

MPL EXP 6

AIM: To connect Flutter UI with Firebase Database
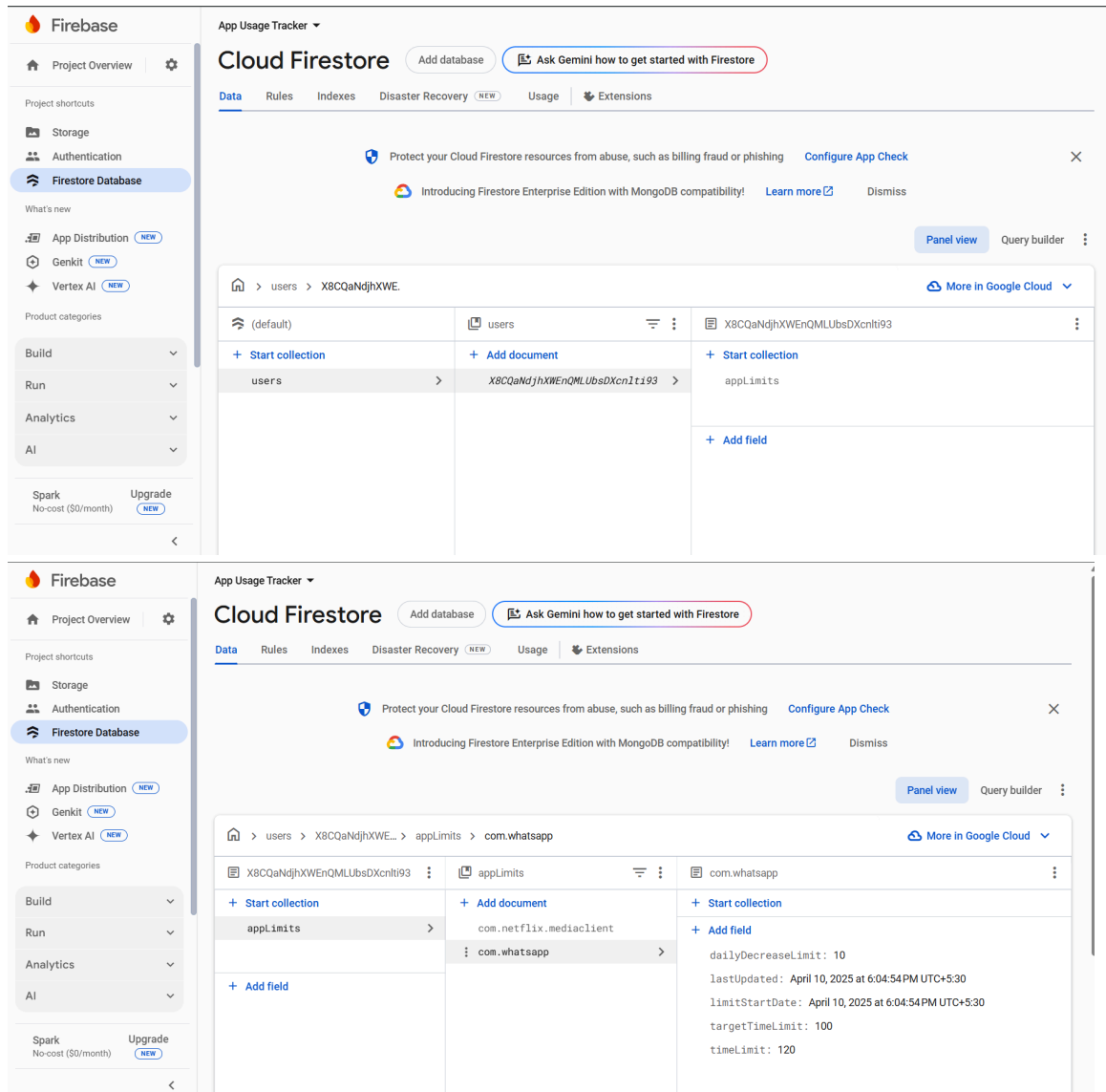
Description:

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 one collection with below structure:

```
users/
      {userId}/
            appLimits/
                  {packageName}/
                        timeLimit
                        dailyDecreaseLimit
                        limitStartDate
                        targetTimeLimit
                        lastUpdated
```

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.