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Div-D15A
Roll No-31

MAD LAB EXPERIMENT NO.6

Search by email address, phone number, or user UID					Add user	↺	⋮
Identifier	Providers	Created ↓	Signed In	User UID			
aditya2@gmail.com	📧	Mar 27, 2024	Mar 27, 2024	E0rzQxOKIfPP4SNAUqbzUlaC...			
mayank@gmail.com	📧	Mar 27, 2024	Mar 27, 2024	mR10407CJ8fzpMhkfgmHM0...			
aditya1@gmail.com	📧	Mar 27, 2024	Mar 27, 2024	OqR3BE0IzkcXwPsHzfZbwm1...			
aditya@gmail.com	📧	Mar 27, 2024	Mar 27, 2024	YYc4qTFJvIP1cliALxdZKVYlcZ...			
test@gmail.com	📧	Mar 25, 2024	Mar 28, 2024	krqjQbnSSefEGy9nilyFs4yMxw...			
Rows per page: 50					1 – 5 of 5	⏪	⏩

This is the authentication page of our Google Firebase that we have linked with our Flutter app as a source of the backend database. Here it basically displays all the users registered to our application.

🏠 > Users > E0rzQxOKIfPP4..		
🔌 (default)	📁 Users	📄 E0rzQxOKIfPP4SNAUqbzUlaCFVr1
+ Start collection	+ Add document	+ Start collection
Users >	E0rzQxOKIfPP4SNAUqbzUlaCFVr1 >	+ Add field
chat_rooms	OqR3BE0IzkcXwPsHzfZbwm1d2mG2 YYc4qTFJvIP1cliALxdZKVYlcZS2 krqjQbnSSefEGy9niIyFs4yMxwC3 mR10407CJ8fzpMhkfgmHM0PfJam2	email: "aditya2@gmail.com" uid: "E0rzQxOKIfPP4SNAUqbzUlaCFVr1"

In the Google Firebase database, we represent all the users registered with a unique ID. Under the add document section, it displays all the users' unique IDs.

Home > chat_rooms > E0rzQxOKIfPP4SNAUqbzUlaCFVr1_OqR3... > messages > R918cHCHjtMe... More in		
<div> <div>E0rzQxOKIfPP4SNAUqbzUlaCFVr1_OqR3...</div> <div> <div>+ Start collection</div> <div>messages</div> <div>+ Add field</div> </div> </div>	<div> <div>messages</div> <div> <div>+ Add document</div> <div>R918cHCHjtMegXlZQiHK</div> <div>TEbRCVbvMVDrsLCow1RJ</div> </div> </div>	<div> <div>R918cHCHjtMegXlZQiHK</div> <div> <div>+ Start collection</div> <div>+ Add field</div> <div>message: "Hi"</div> <div>receiverId: "OqR3BE0lzkcXwPsHzfZbwm1d2mG2"</div> <div>senderEmail: "OqR3BE0lzkcXwPsHzfZbwm1d2mG2"</div> <div>senderId: "E0rzQxOKIfPP4SNAUqbzUlaCFVr1"</div> <div>timestamp: March 27, 2024 at 1:14:40 PM UTC+5:30</div> </div> </div>
This document does not exist, it will not appear in queries or snapshots. Learn more		

In the chat room, each message exchanged between the sender and recipient is tracked with a timestamp and is stored in the database.

Conclusion:-

Here, we have successfully integrated Firebase into our Flutter application.