

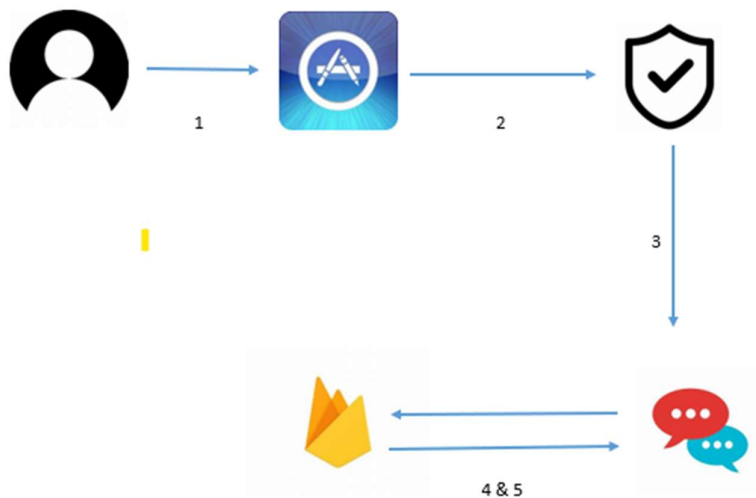
## Project Design Phase-II

### Data Flow Diagram & User Stories

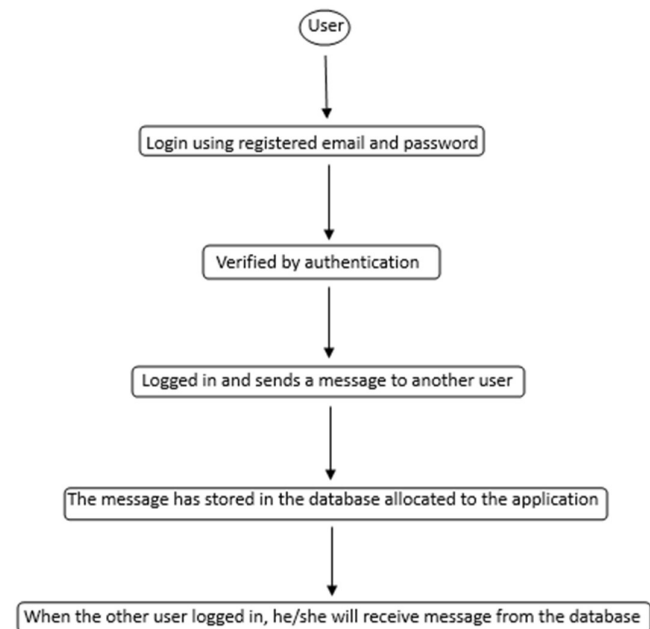
Date	15 October 2023
Team ID	Team-591070
Project Name	CHATCONNECT - A Real-Time Chat and Communication App
Maximum Marks	4 Marks

#### Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



1. User login into the application using the registered credentials.
2. The credentials are verified using the authentication and allows if they are valid.
3. The user has the access to message to another user.
4. The message is stored in the firebase database and when another user logged in, then he/she will receive the message.
5. The message is stored in the database until the other user will receive the message.



## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	High	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can login into the application using my registered email and password	High	Sprint-1
	Dashboard	USN-5	As a user, I can select one contact and can message them.	I can select a contact and can message them	Medium	Sprint-1
			I send a message to other person present in the list of the application.	I send a message to another user.	Medium	Sprint-1
Customer (Mobile user)	Login	USN-6	As a user, I can log into the application by entering my registered email and password.	I can login into the application using my registered email and password	High	Sprint-2
	Dashboard	USN-7	As a user, I received the message send by the other user.	I can receive the message sent by the other user to me.	Medium	Sprint-2
Administrator		ASN-1	As an administrator, I allocate the firebase database to store the user email and password.	I allocate the database to store the user's data.	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		ASN-2	As an administrator, I allocate the data base to store the message history between the users.	I allocate the database to store the chat history between the users.	High	Sprint-3