

Project Design Phase-II

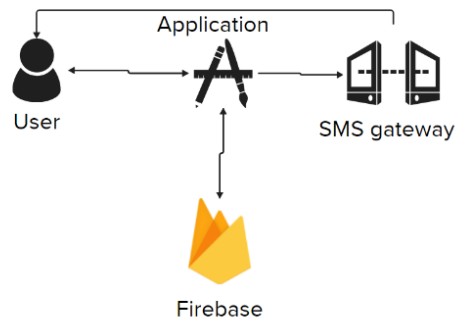
Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	Team-590882
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.

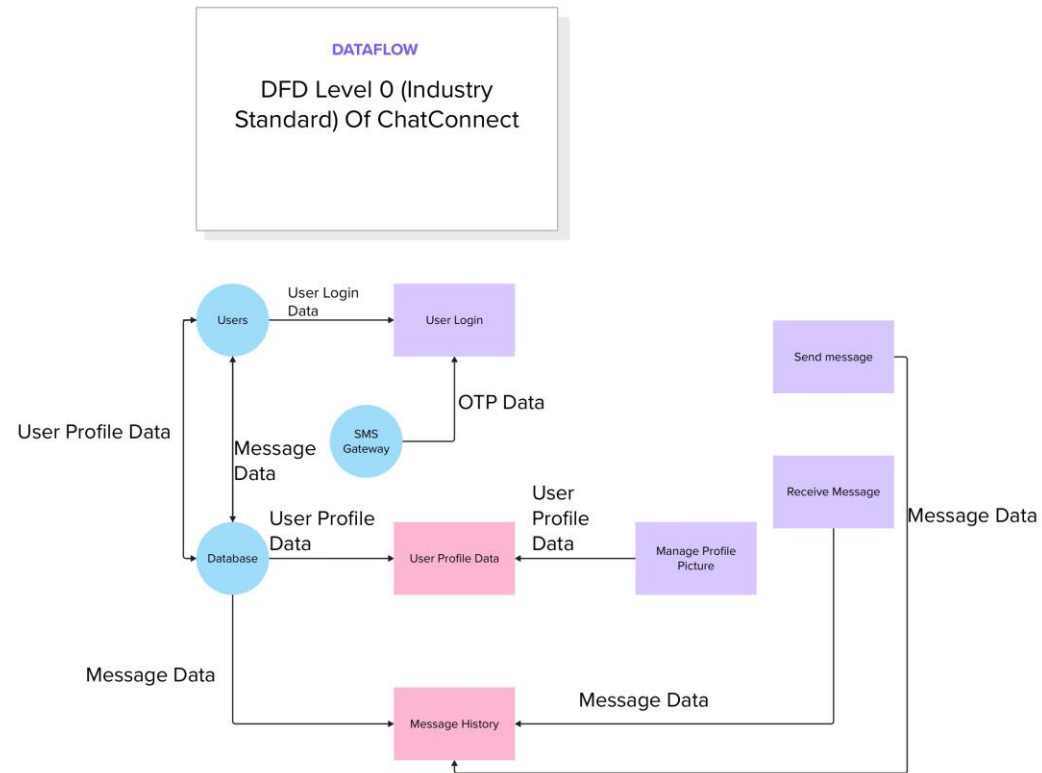
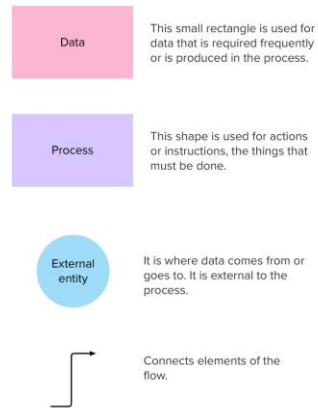
Data flow:



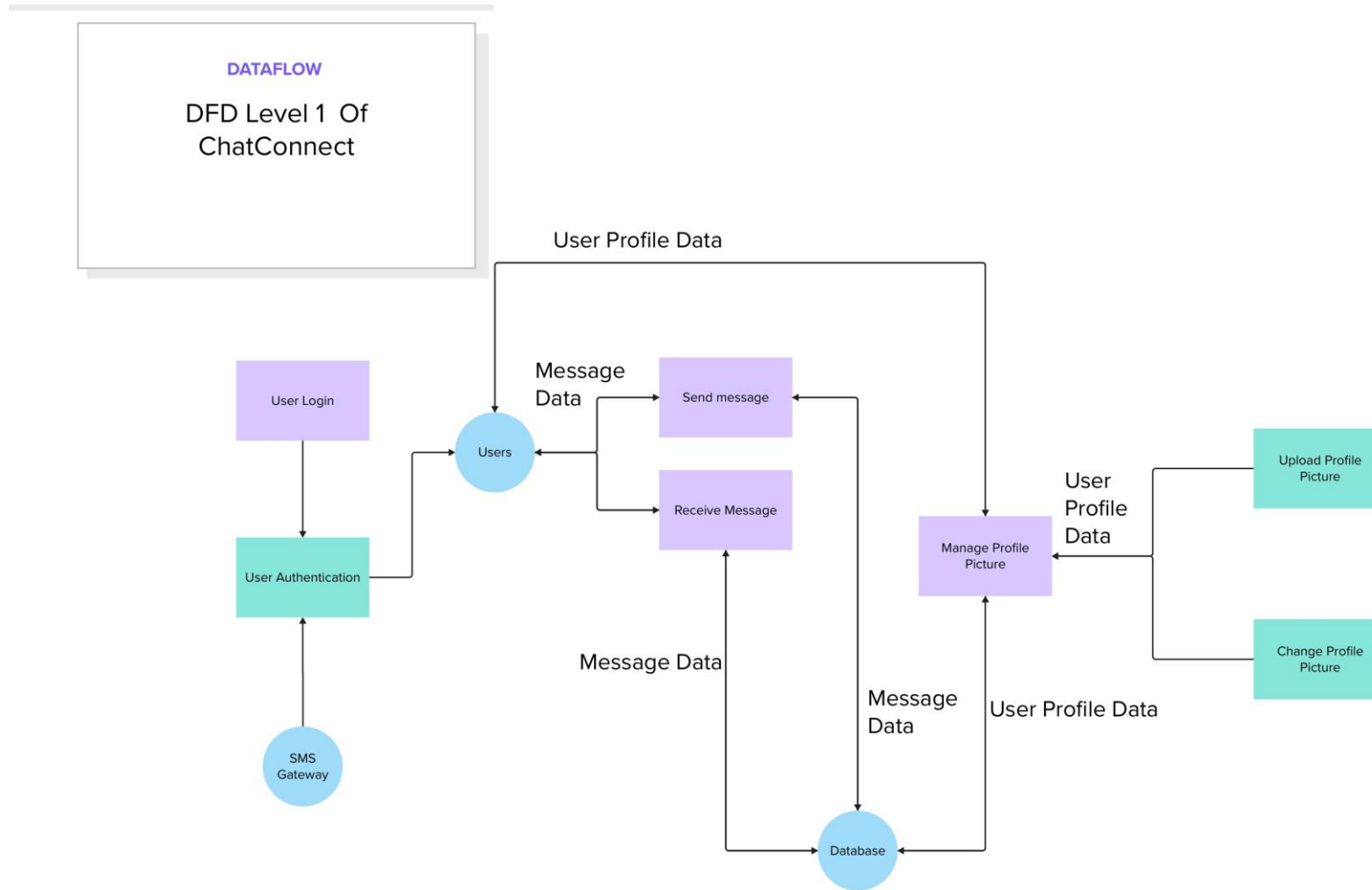
- Users registers to the app
- Application authenticates the user using SMS gateway
- Once authenticated,the user can use the application
- The application stores the data in Firebase

Level 0:

FLOW KEY



Level 1:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
New User	Registration	USN-1	As a user, I want to create an account by providing my mobile number and receive an OTP for registration.I want to create an account by providing my mobile number and receive an OTP for registration.	The app should allow a user to enter their mobile number. An OTP should be sent to the provided mobile number. The user should be able to enter the OTP to complete registration.	High	Sprint-1
Registered User	User Login	USN-2	As a Registered user, I want to login using my mobile number and OTP.	The app should have a login screen where users can enter their mobile number. The app should send an OTP to the user's mobile number. The user should enter the OTP to access their account.	High	Sprint-1
Registered User	Send Text Messages	USN-3	As a ChatConnect user, I want to send text messages to my contacts.	Users should be able to select a contact or enter a mobile number. Users should be able to type and send text messages to the selected contact.	High	Sprint-1
Registered User	Receive Text Messages	USN-4	As a ChatConnect user, I want to receive text messages from my contacts.	Users should receive text messages from their contacts. Messages should be displayed in the chat interface.	High	Sprint-1
Registered User	Manage Profile Details	USN-5	As a ChatConnect user, I want to be able to upload and change my profile details	Users should be able to upload profile details during registration. Users should have the option to change their profile picture and their personal details in the app's settings	High	Sprint-1