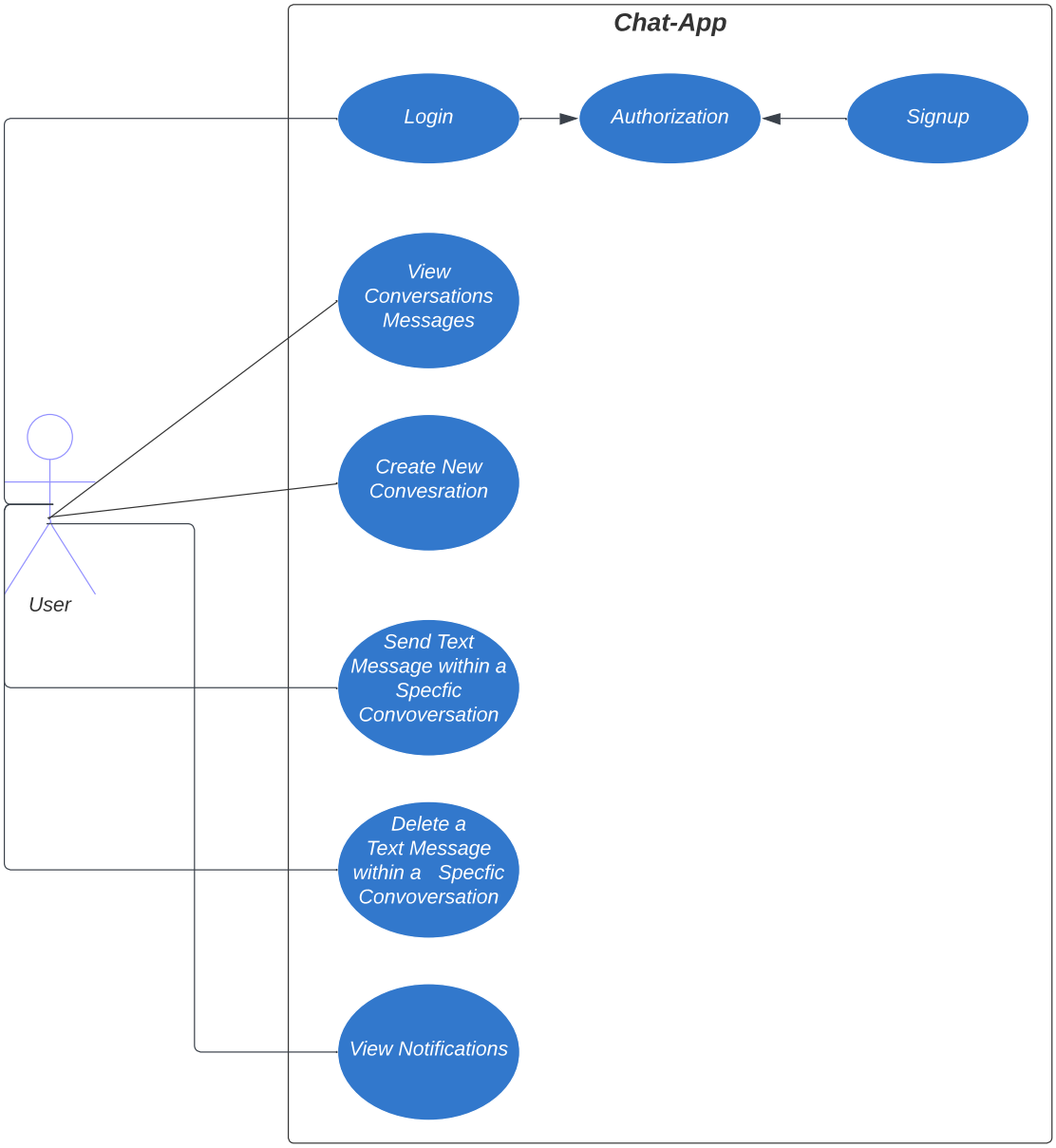
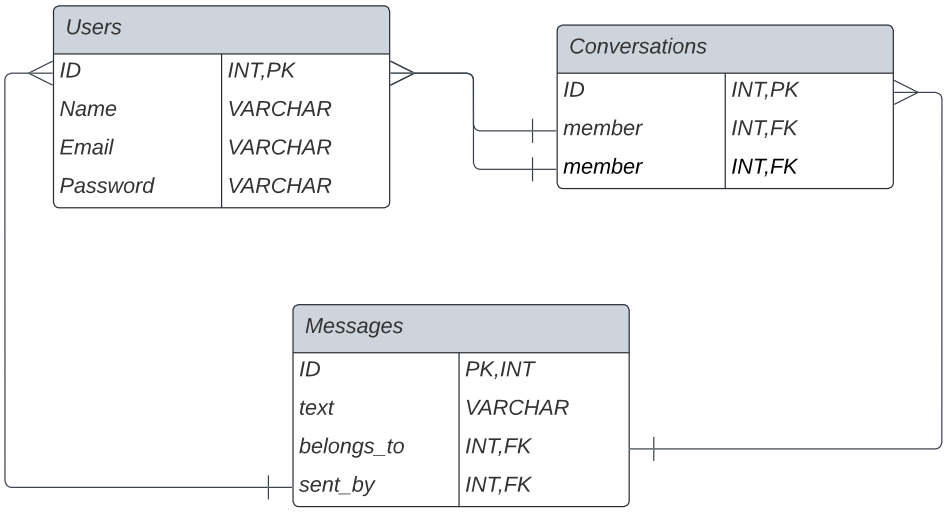
Chat-App
System Design Document

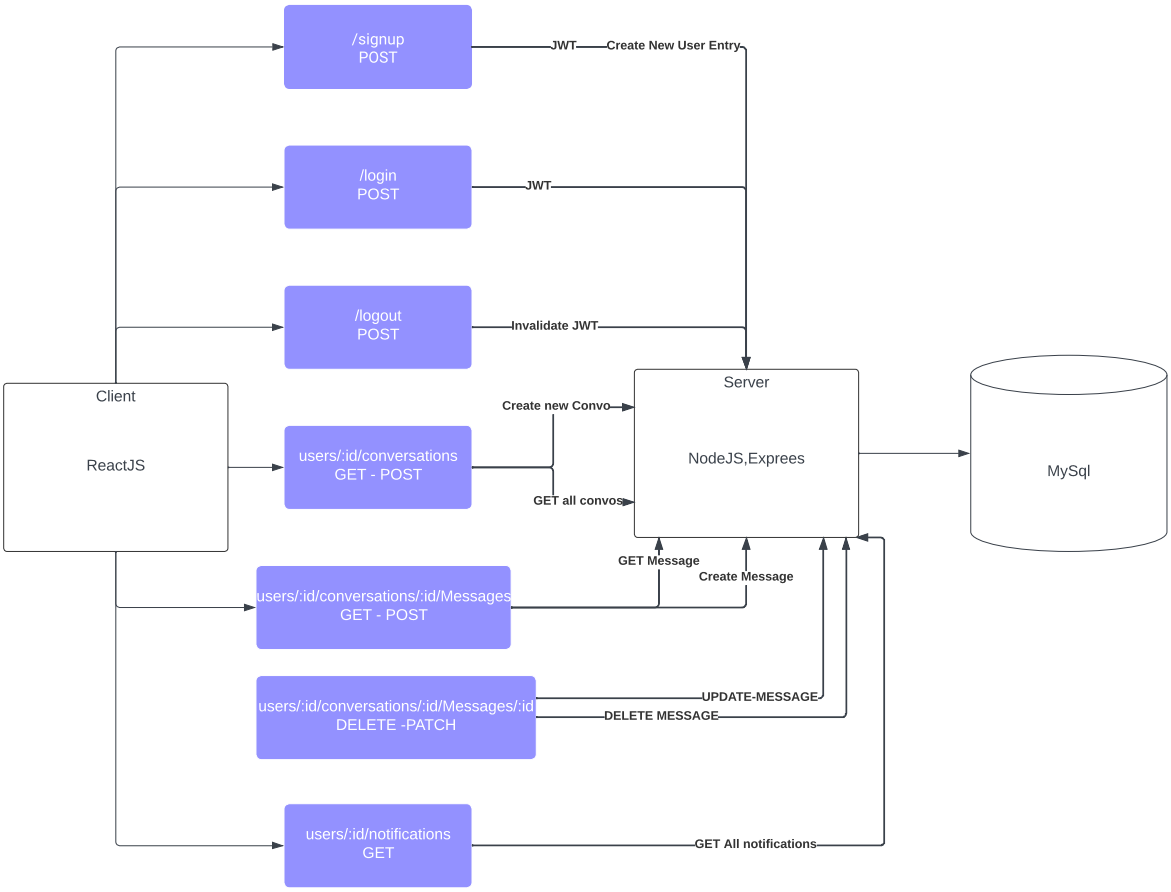
Use Case Diagram



Database Schema

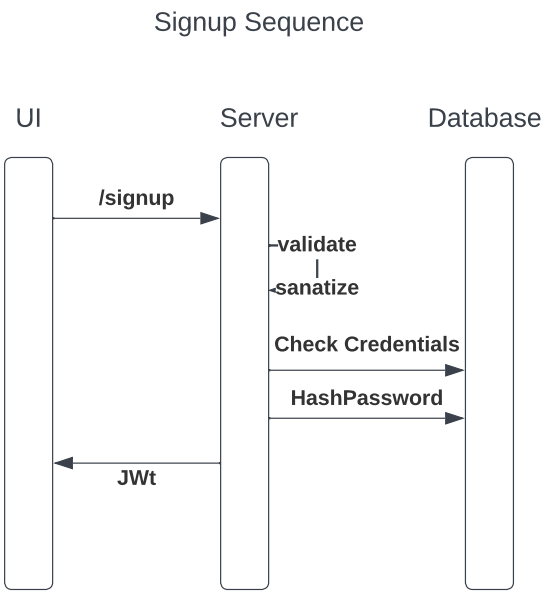


APIs

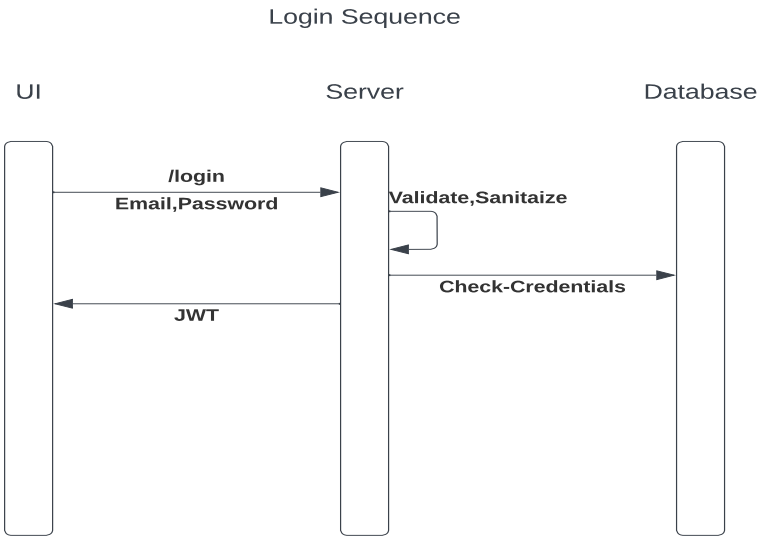

/signup
POST
JWT
Create New User Entry
/login
POST
JWT
/logout
POST
Invalidate JWT
Client
ReactJS
users/:id/conversations
GET - POST
Create new Convo
GET all convos
Server
NodeJS,Expees
MySql
GET Message
Create Message
users/:id/conversations/:id/Messages
GET - POST
users/:id/conversations/:id/Messages/:id
DELETE -PATCH
UPDATE-MESSAGE
DELETE MESSAGE
users/:id/notifications
GET
GET All notifications

Sequence Diagram

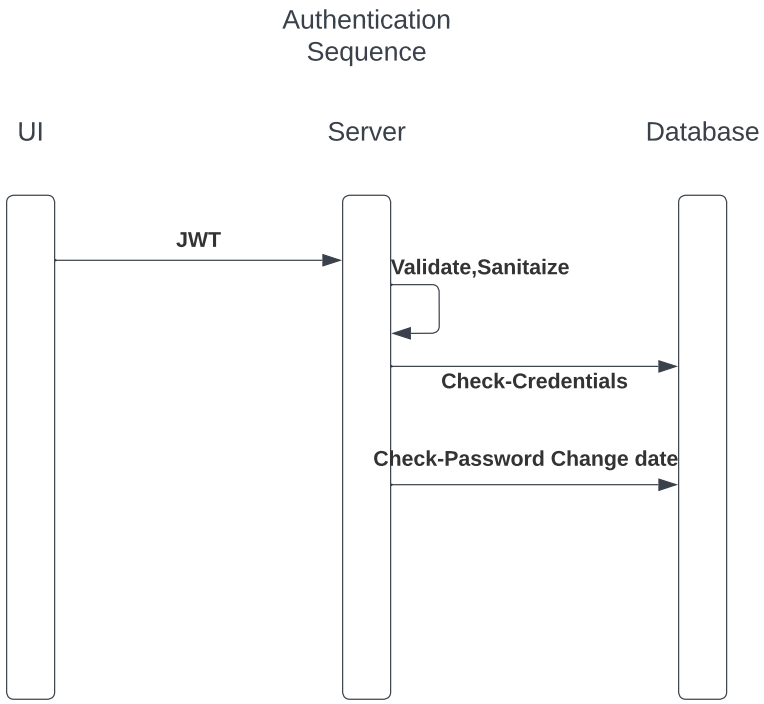
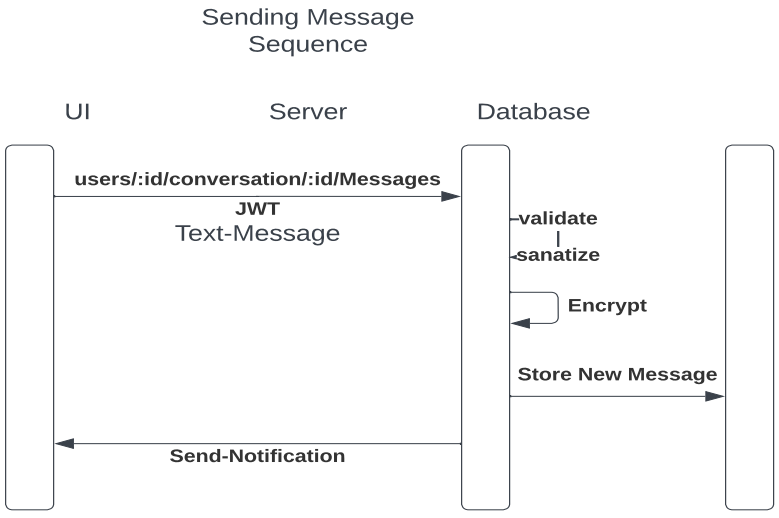
1- Sign up Sequence



2-Login Sequence



3-Authentication Sequence



4-Sending Message Sequence