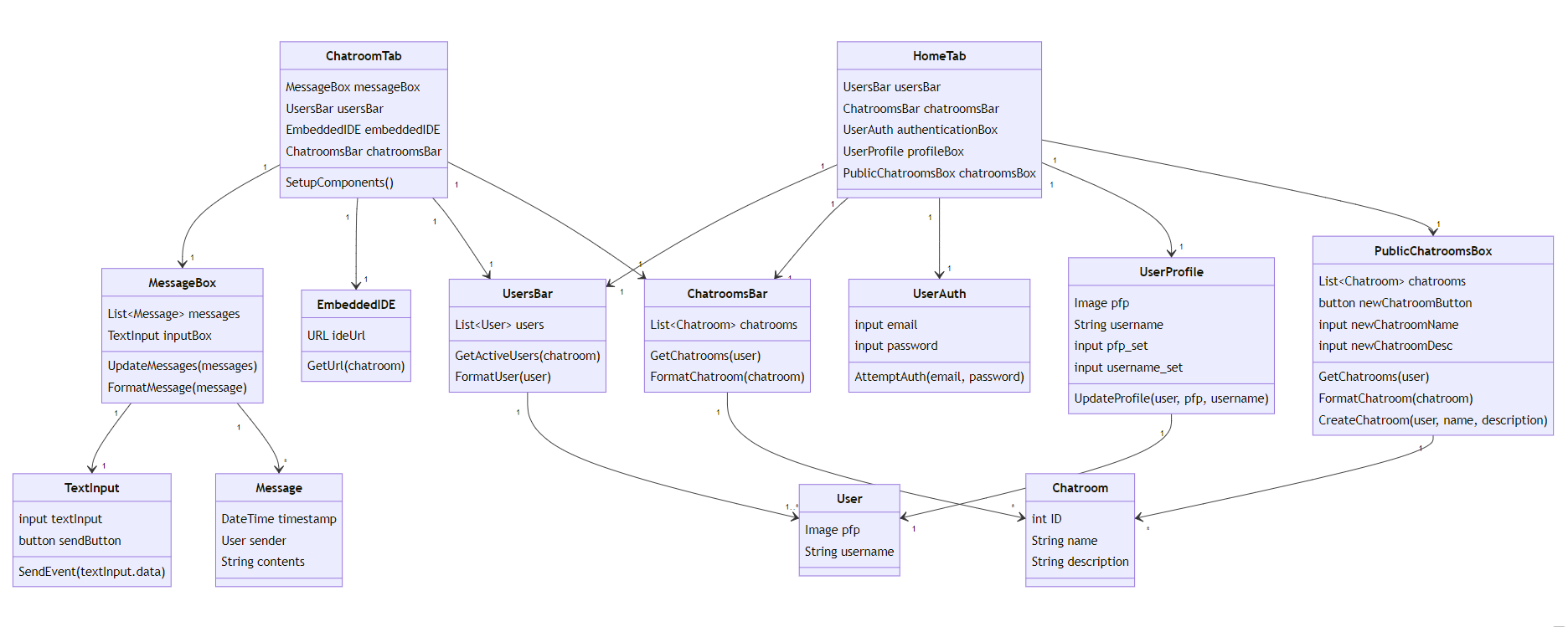
## Frontend Class Diagram



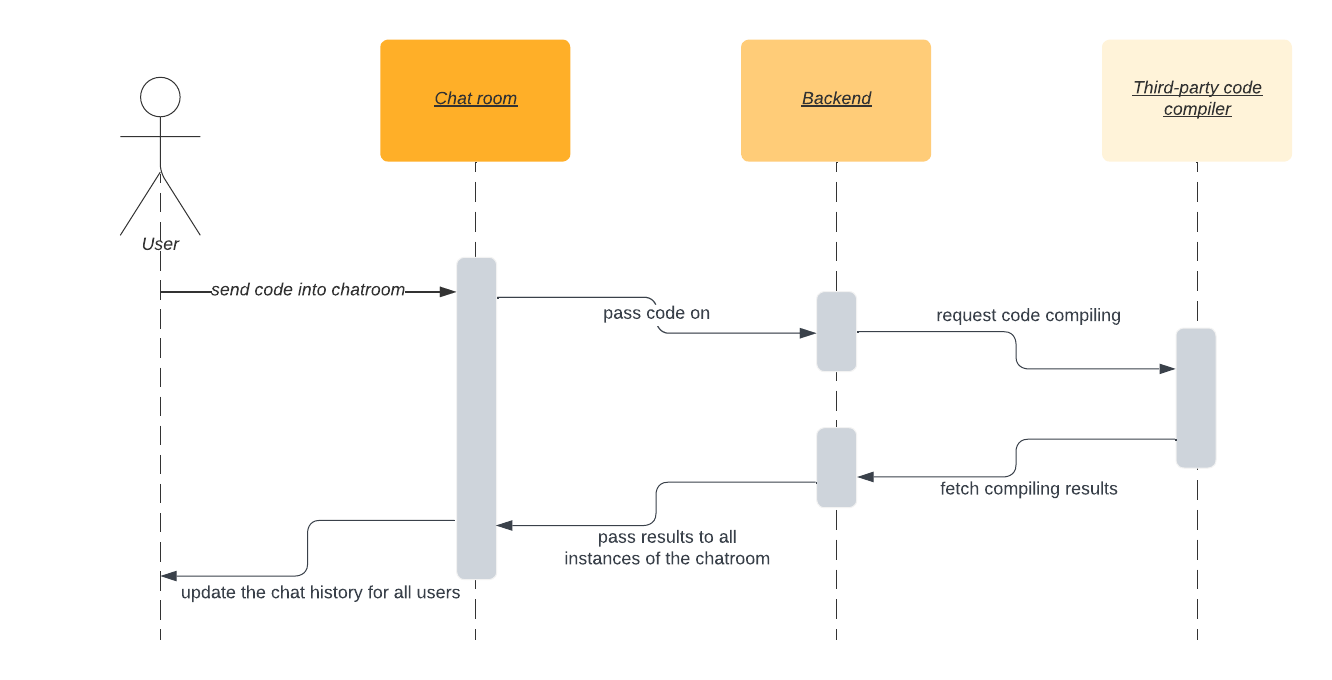
## Backend Class Diagram

A screenshot of a computer

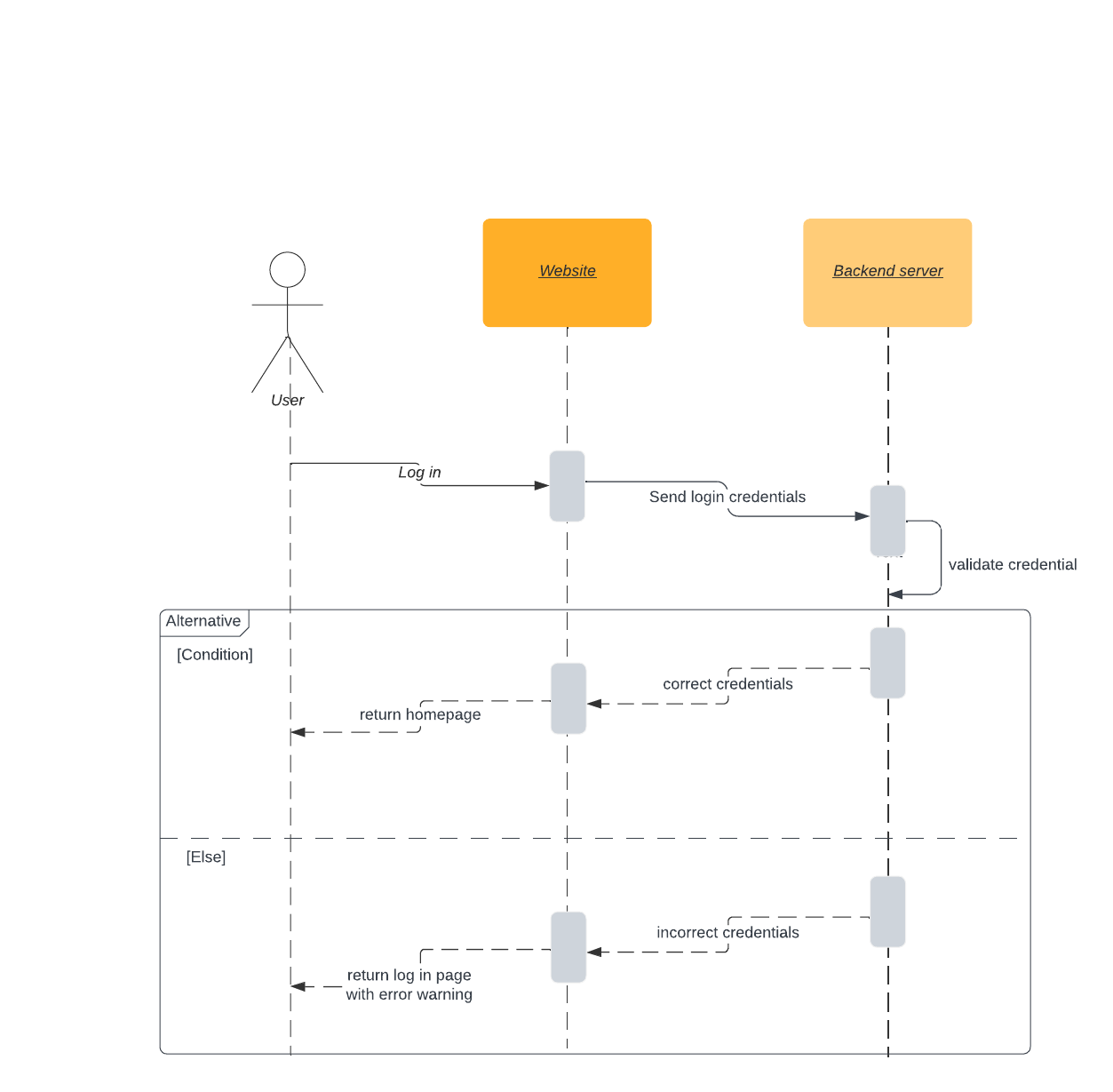
Description automatically generated

## Sequence Diagrams

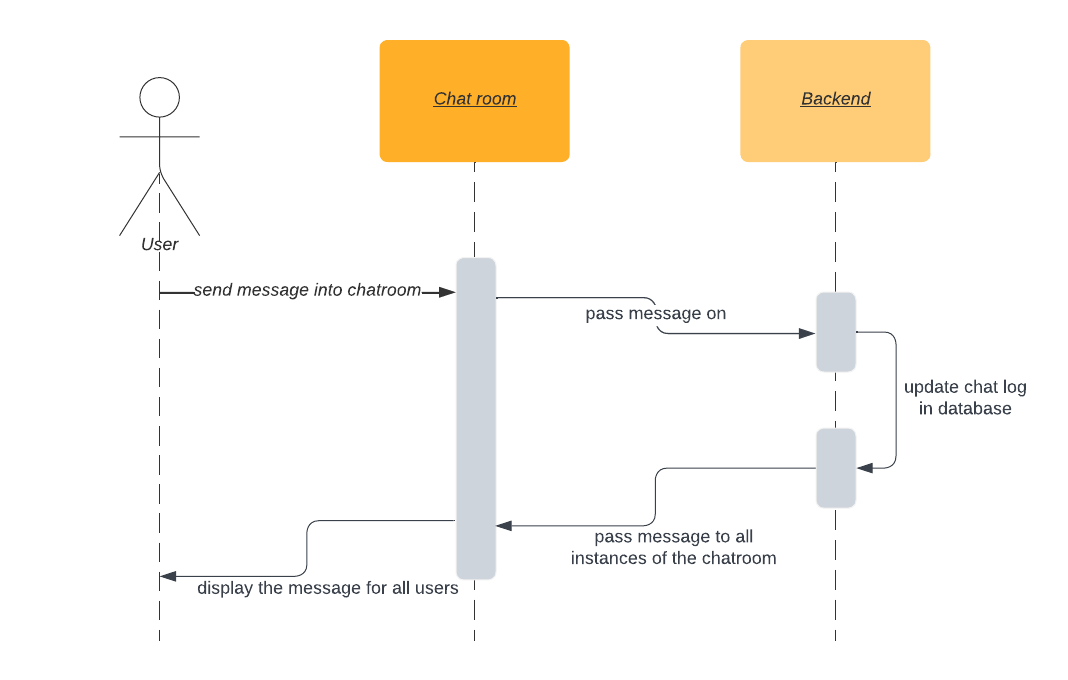
Code Compilation Sequence



Login Sequence

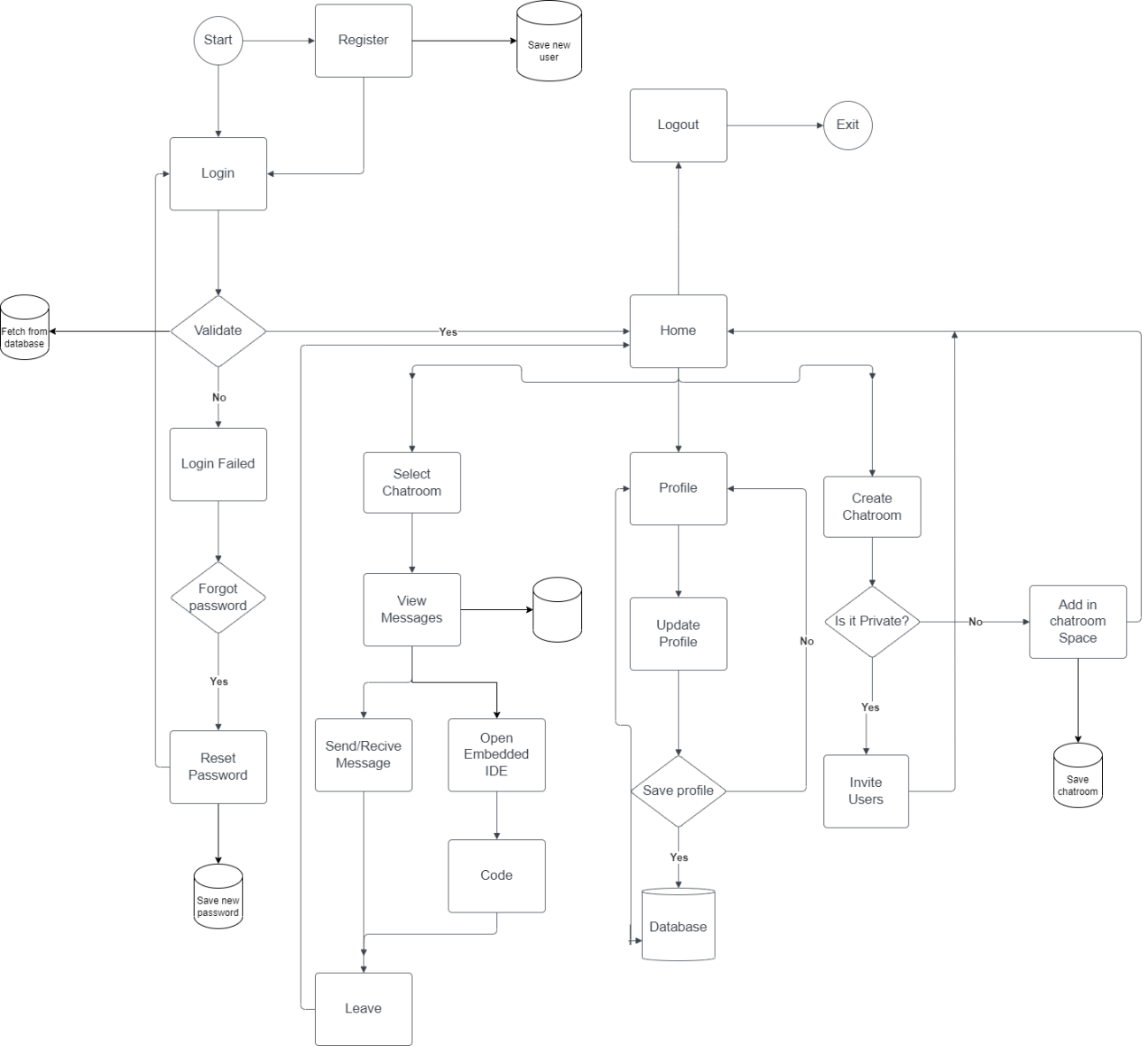


Send Message Sequence



## Additional Diagrams

Frontend Flowchart and Backend Calls



Entity Relationship Diagram

A diagram of a computer

Description automatically generated