



CHATAPP

Presented By

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WHY CHATAPP

Instant Messaging System for sharing information

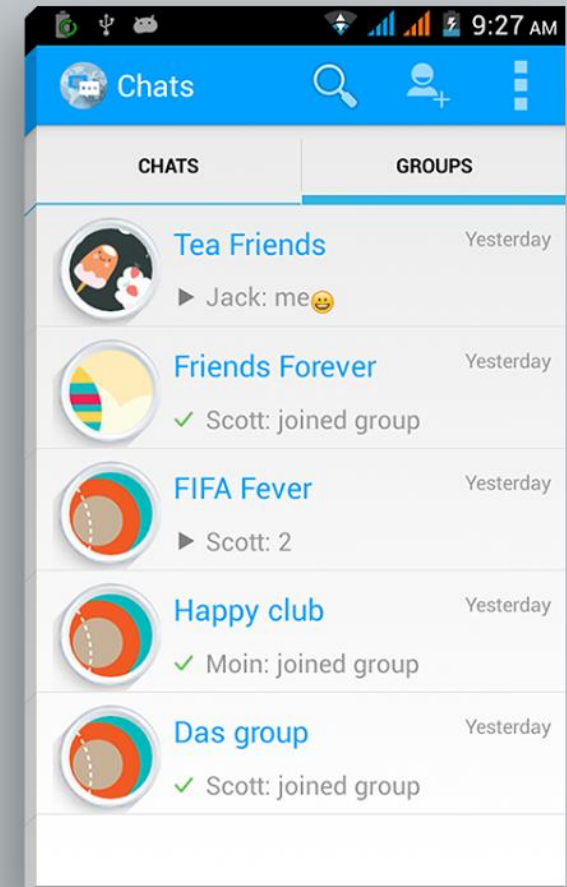
Chat with friends

Group Messaging and Broadcast

Manage Profiles

Unique Group Features

Group Listing



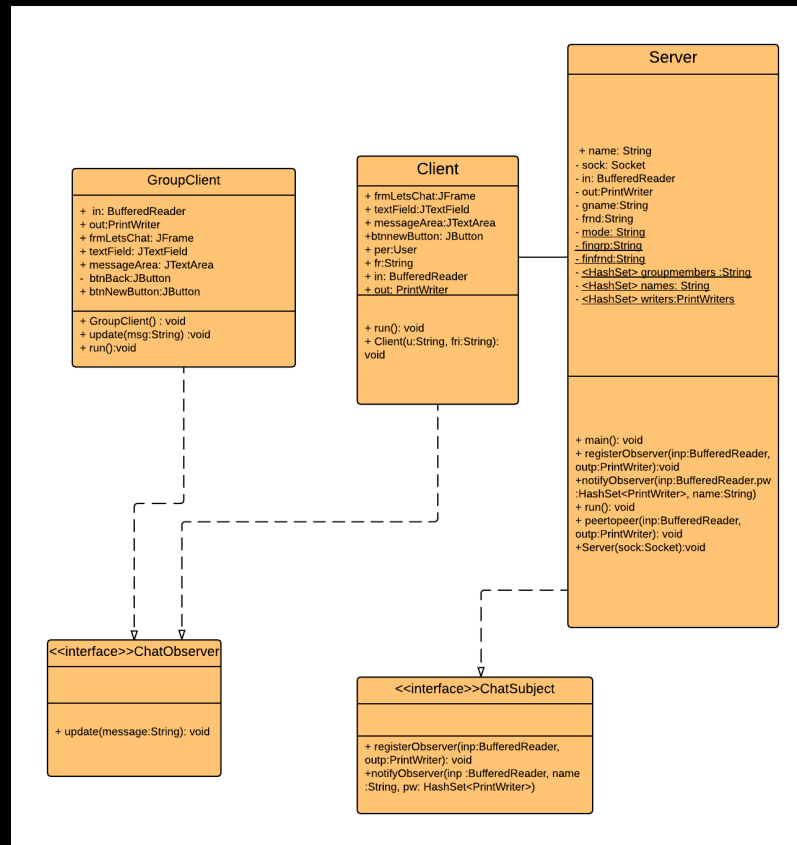
FUNCTIONALITIES

- Basic Functionalities:
 - Manage Profile
 - Manage Contacts
 - Manage Groups
- Each of the above use cases has got multiple sub use cases.
- Github Link:
 - <https://github.com/mridulanatrajan/CSCI5448-project>

DESIGN PATTERNS

- Why Observer Design Pattern?
- Observer design pattern is useful when you are interested in the state of an object and want to get notified whenever there is any change.
- Subject – Object being watched
- Observer - Object that watches the state of another object

OBSERVER –DESIGN PATTERN





KEY HIGHLIGHTS

- Implemented more than 25 Classes.
- Majority of Use cases presented in our documentation has been implemented.
- Message Broadcasting in Group, Manage Profile Picture AND Change Status were some of the highlights.



IMPROVEMENT

- MEMENTO Design pattern Implementation for saving history of messages.
- Some Use Cases in the Group Documentation were not implemented.
- Better GUI