

## Project Description

### Group 15

Members:

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Topic: Chatting Website

A group of friends wants to develop a web application that allows people to message each other and share posts and memories on profiles or short messages.

User base:

Anyone who wants to connect with friends.

Brief descriptions for some main feature requirements for the web:

User :

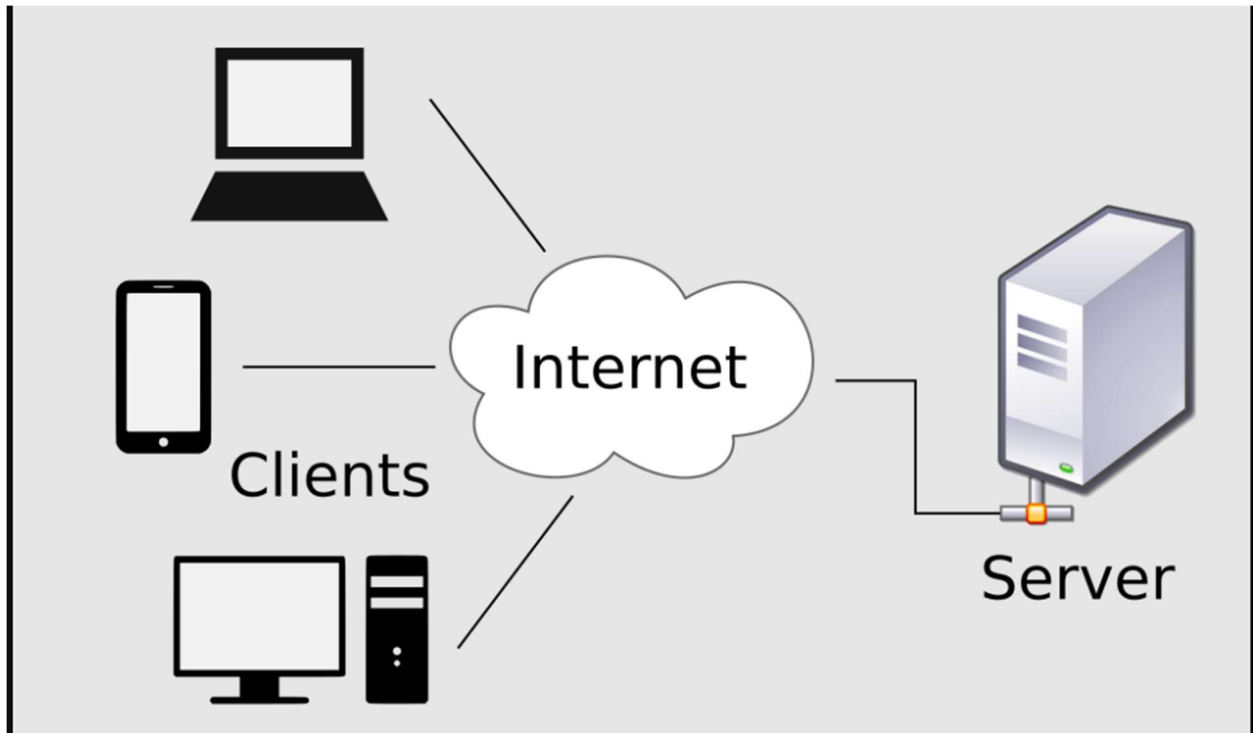
- User can register accounts using usernames, emails, and passwords.
- User can add friends and send messages to their friends.
- Features include sending messages, emotions, and images.
- User can create group chats. In groups, the group creator can kick others out or ban User from the group.
- User can edit their profiles (can upload photos to their profiles easily without comments, only likes).
- User can delete messages, edit messages, search, pin messages, reply, and forward messages in a thread.
- User can receive notification for new messages.
- User can block, turn off notifications, delete chat threads that they are in.
- User can report inappropriate posts, comments (violations, spamming, etc)

Admin:

- Admin can hide, delete inappropriate posts and ban accounts with unsuitable behaviors
- Admin can see report from other User, respond to the reporter and handle the report

Some non-functional requirements:

- Ensure user authentication using JWT authentication.
- User chat messages need to be secure.
- Use a peer-to-server architecture for chatting.



Technologies used:

- Front-End: JavaScript, HTML, CSS, React.js, TypeScript, Next.js Framework.
- Back-End: Spring Boot, Java, PostgreSQL.