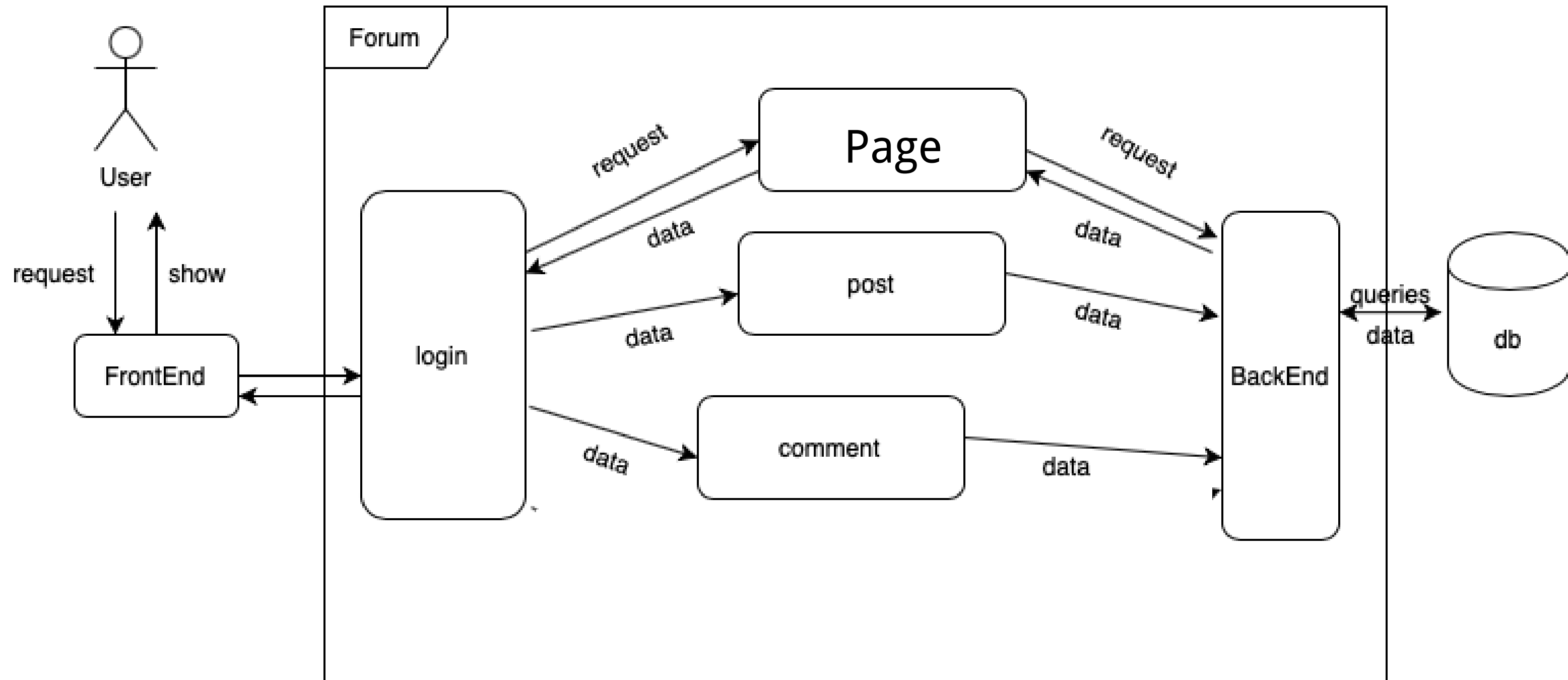# IT FORUM

Team 12

Quick Recap

A platform

Personal Information

System overview

Four parts

System Diagram
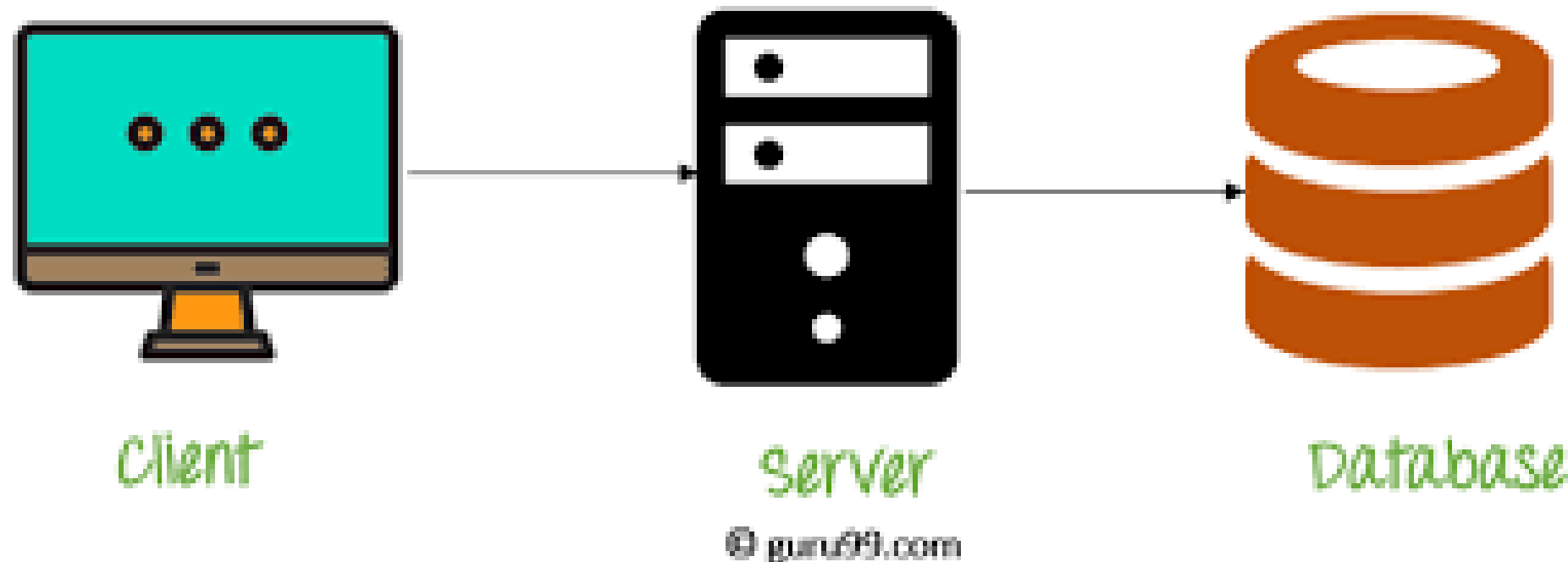
Architectural

Three-tier Architecture:

Client -Server tier

Application tier

Database tier

Three Tier Architecture

Client   Server   Database

© guru99.com

Actors Identification

Visitors :

Priority is low

Only allowed to browse the information

Users:

Priority is middle

Allowed to create the account
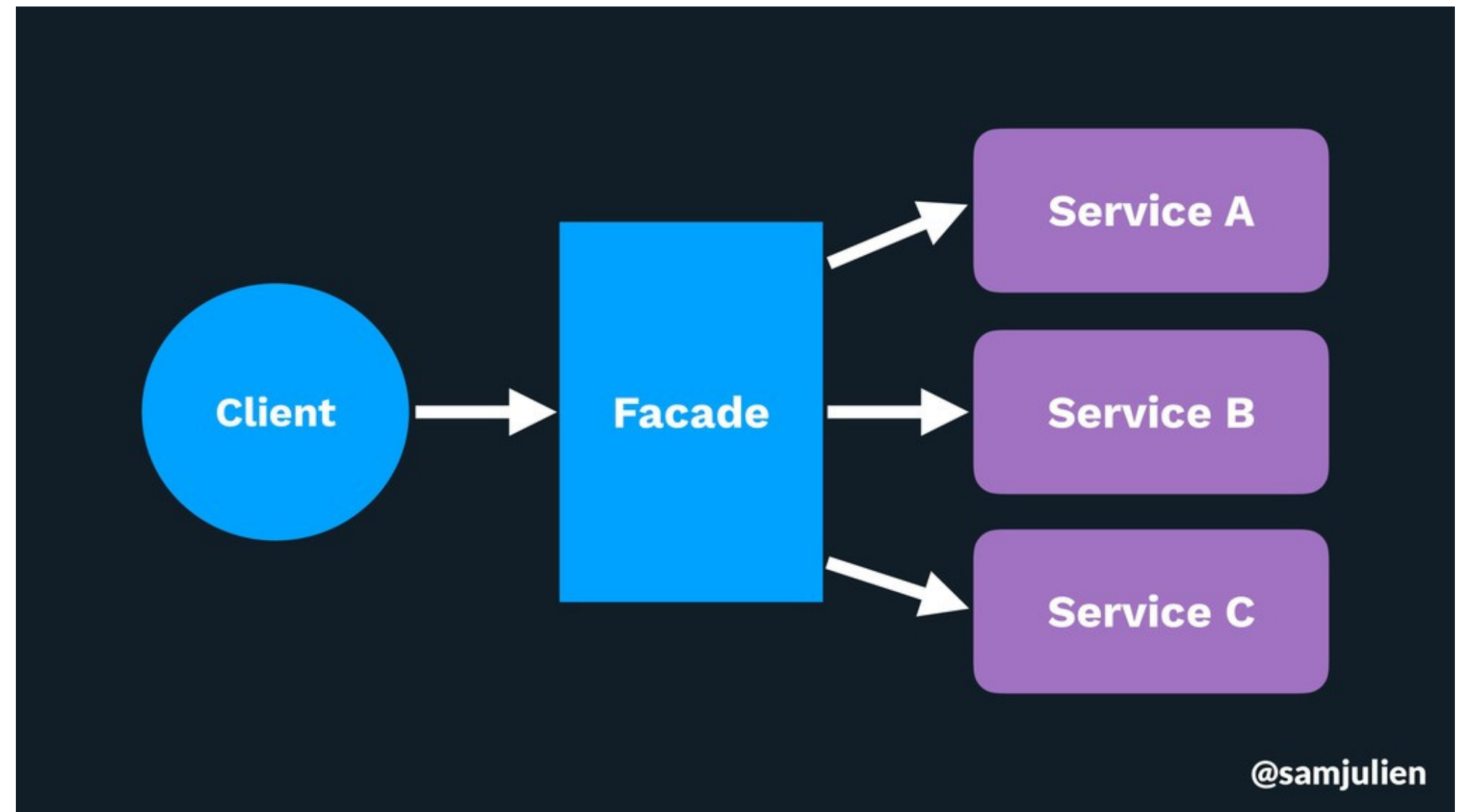
allowed to control their account and make posts

Administrator:

Priority is high

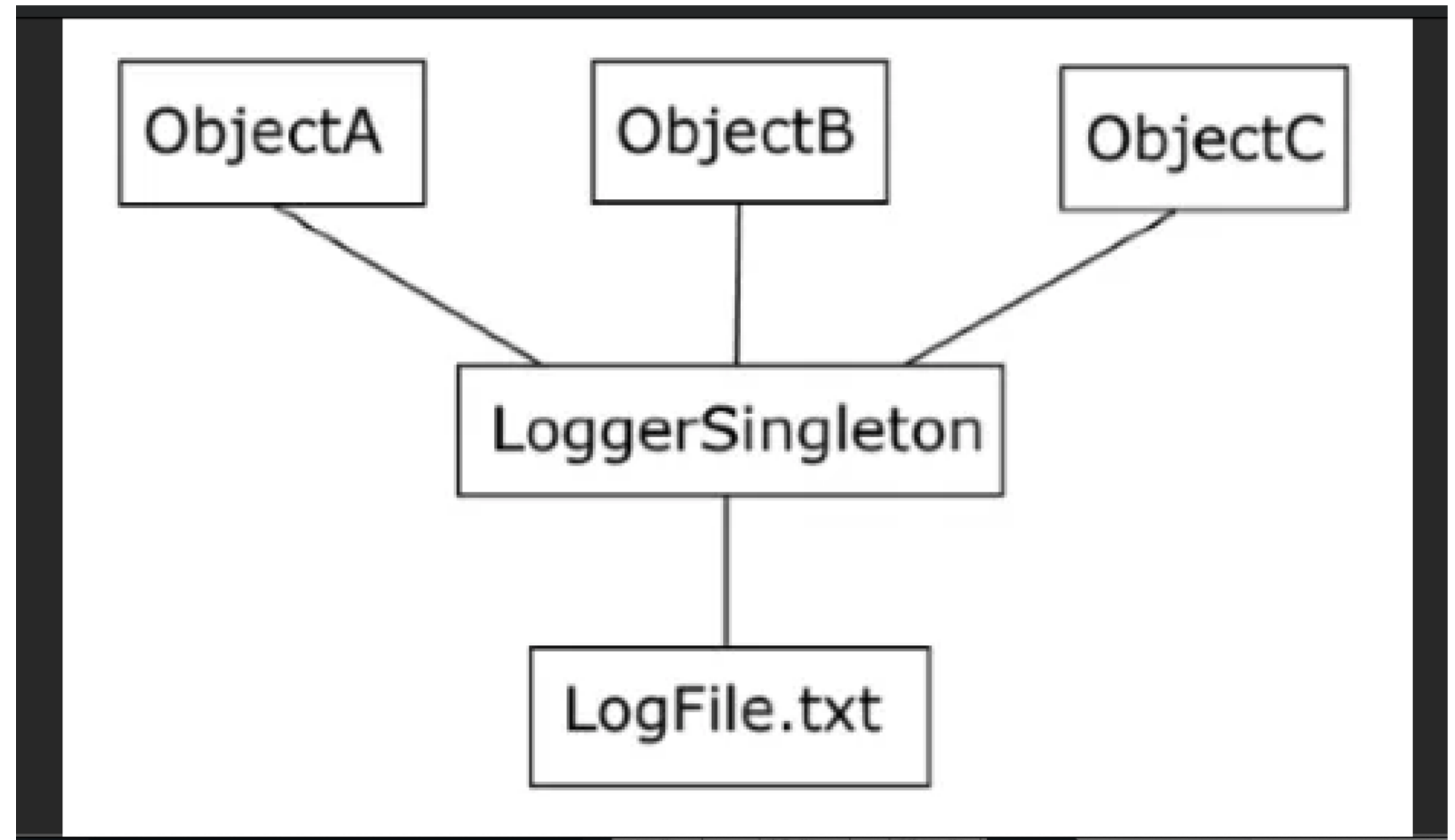Runs the whole database and get the full control and access of the system
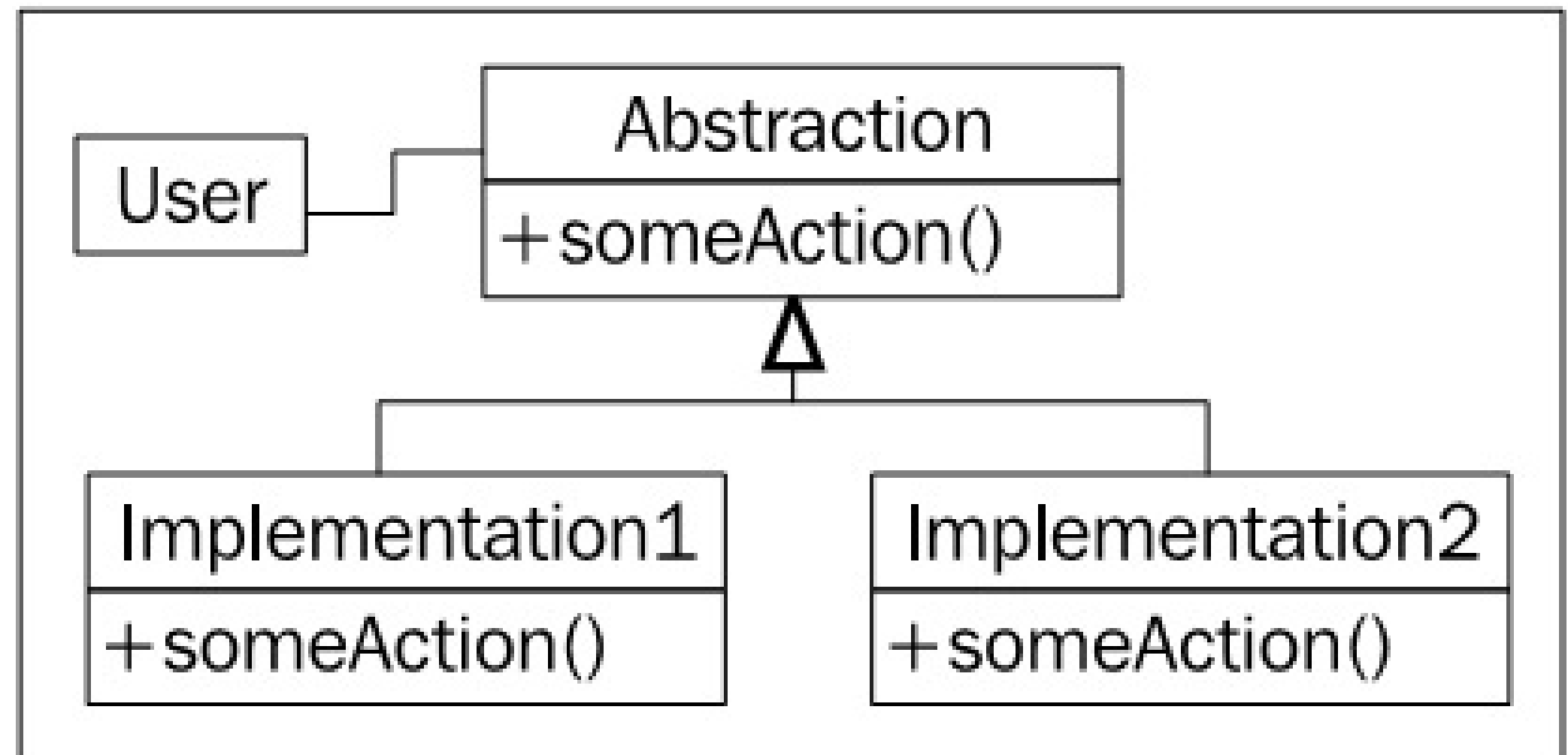
Design Patterns

Facade Pattern

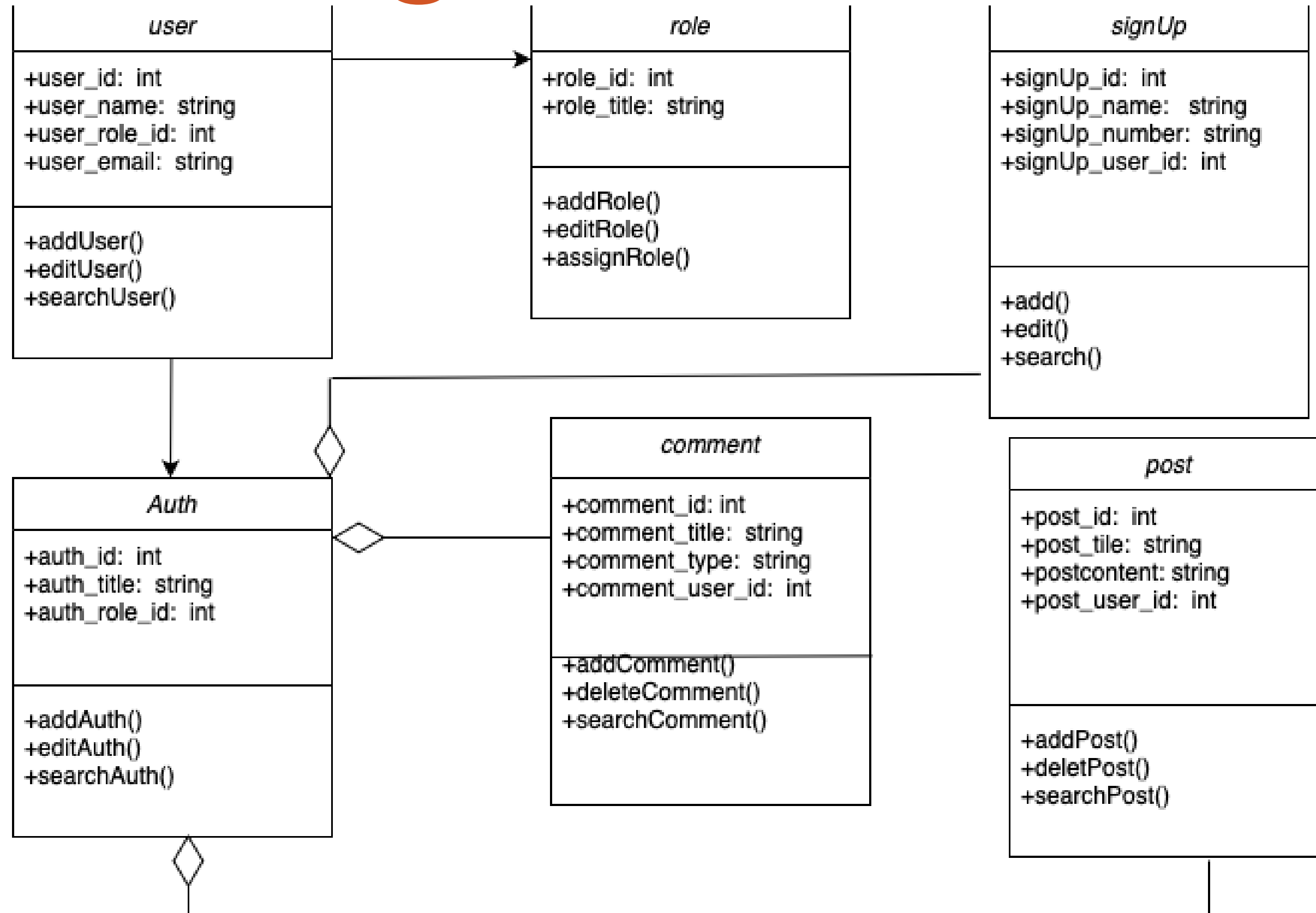# Design Patterns

Singleton Pattern
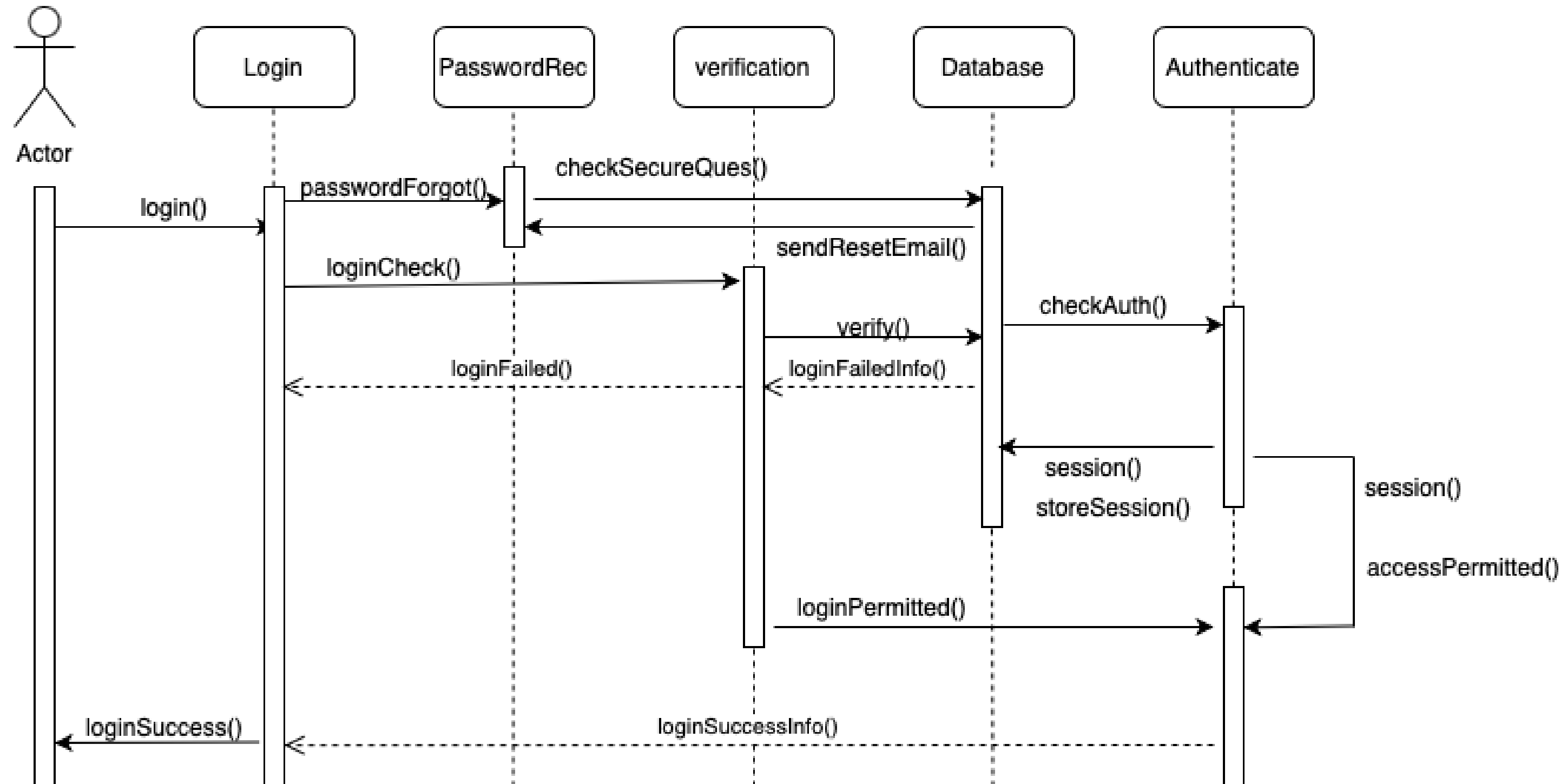
Design Patterns

Strategy Pattern

Frameworks

- Front end: HTMl and Css for website layout
    javascript for desktop version
- Database: Mysql to store the data, enabling the administrator to control the whole database securely.
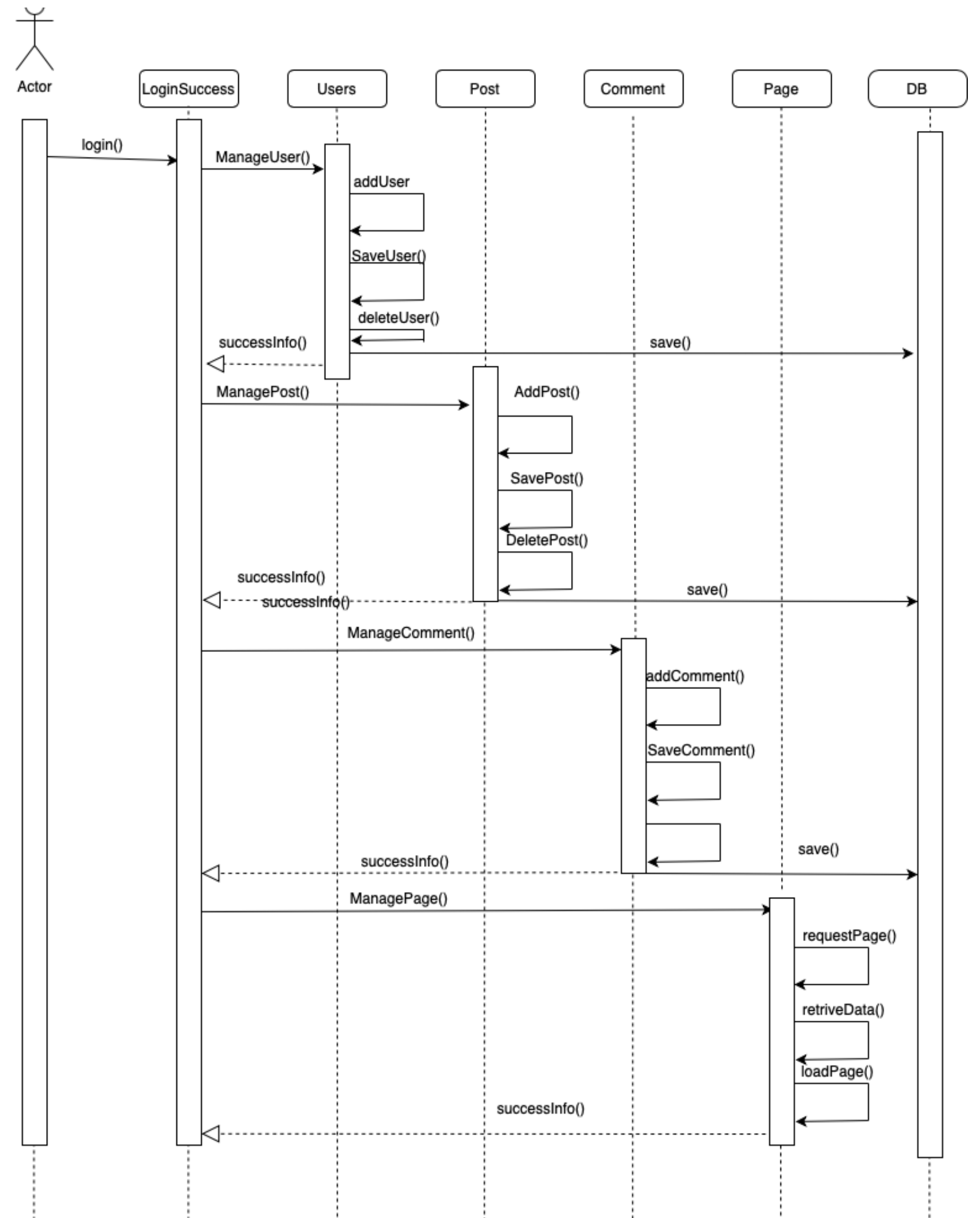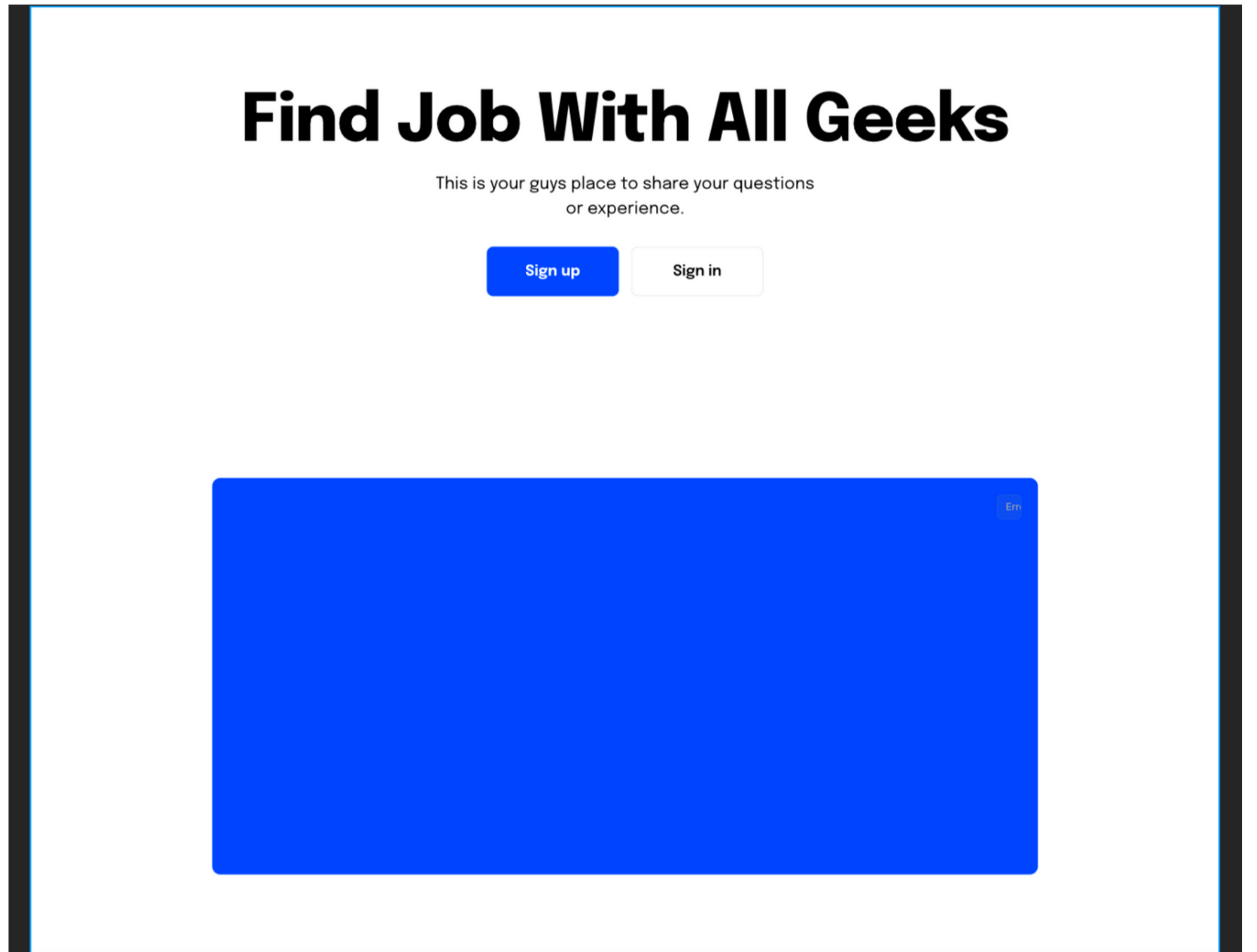
Class Diagram

user

+user_id: int
+user_name: string
+user_role_id: int
+user_email: string

+addUser()
+editUser()
+searchUser()

role

+role_id: int
+role_title: string

+addRole()
+editRole()
+assignRole()

signUp

+signUp_id: int
+signUp_name: string
+signUp_number: string
+signUp_user_id: int

+add()
+edit()
+search()

Auth

+auth_id: int
+auth_title: string
+auth_role_id: int

+addAuth()
+editAuth()
+searchAuth()

comment

+comment_id: int
+comment_title: string
+comment_type: string
+comment_user_id: int

+addComment()
+deleteComment()
+searchComment()

post

+post_id: int
+post_tile: string
+postcontent: string
+post_user_id: int

+addPost()
+deletPost()
+searchPost()

Sequence Diagram

Login Sequence

Sequence Diagram

System Sequence
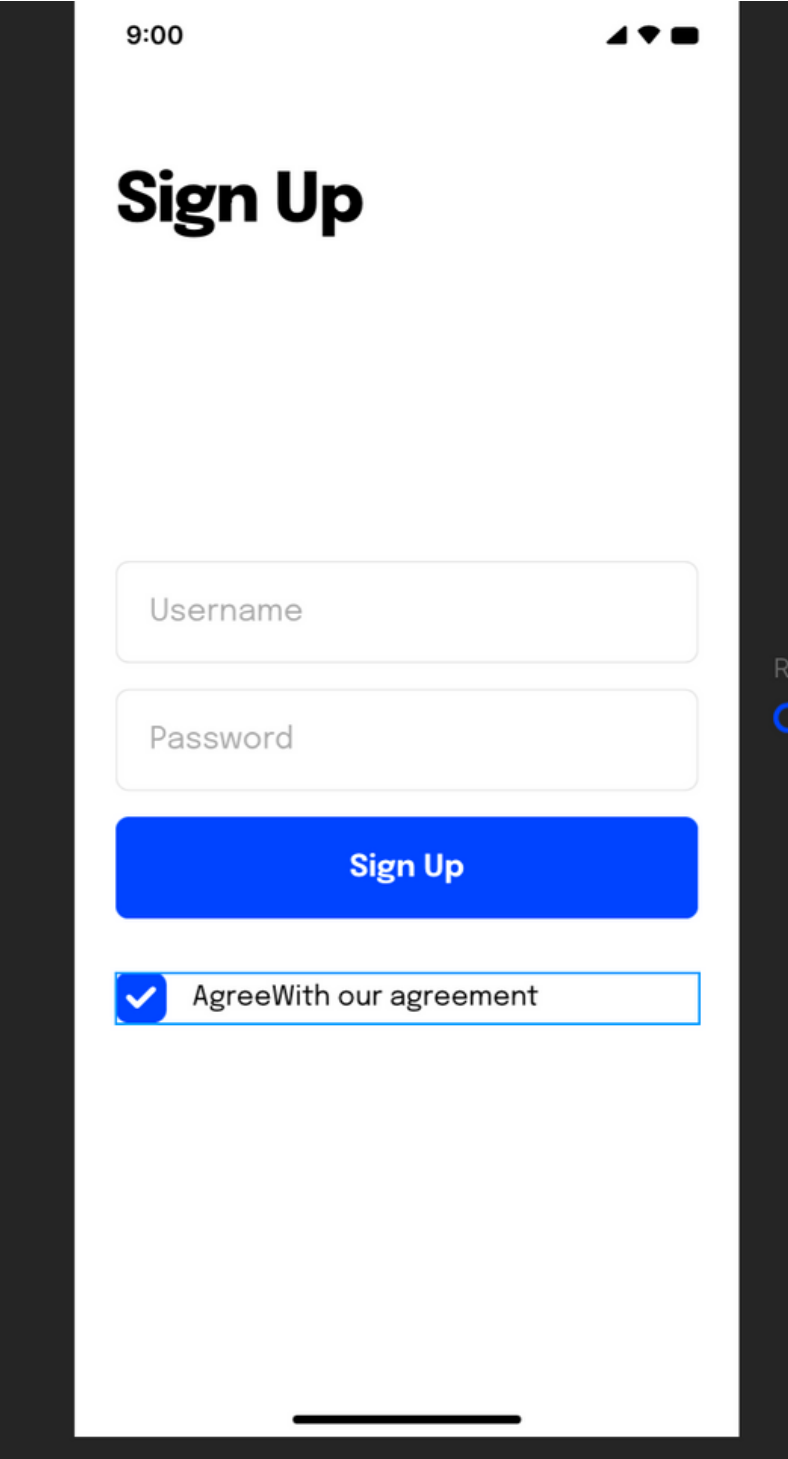
Simple MockUp

SignUp Page

Simple MockUp

Mobile SignUp Page

Simple Mockup

PostPage
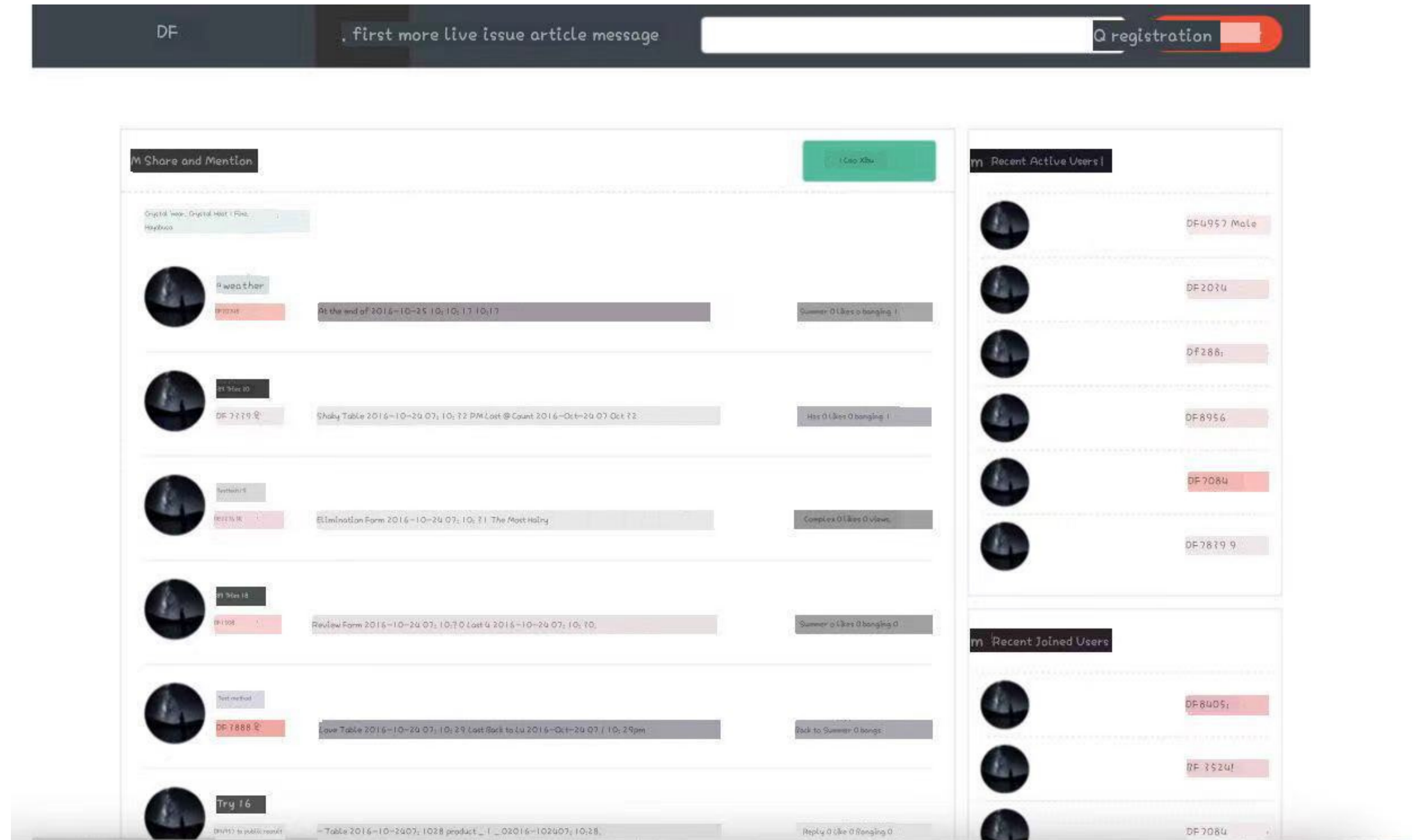
Please leave messages on Slack!