



# Computer Networks

## mini-Face

— 01

Presentation  
and Working Demo



# Group Members

— 02



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# Overview

Design and implement a simple internet tool that mimics the functionalities and features of

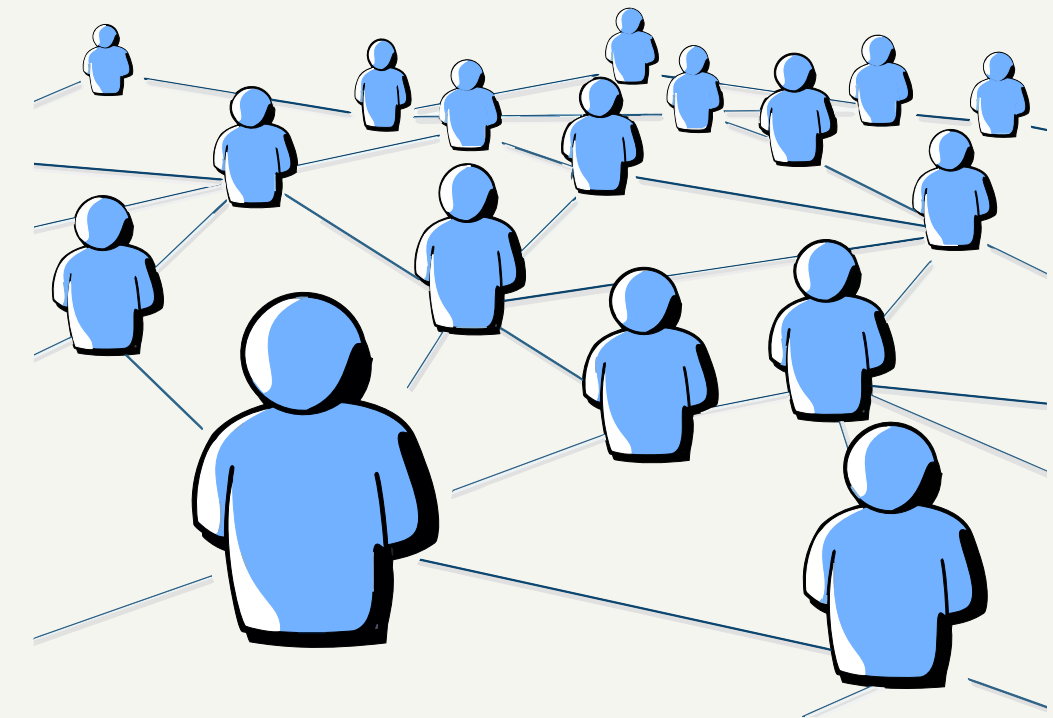
**facebook®**



# Motivation



- Networking paradigms learnt in the course
  - Client-Server TCP Connections
  - Concurrency
  - Data Transfer
- Robust & Expandable Product
- Use Mininet Topology to simulate and Debug!
- Software Developing 101





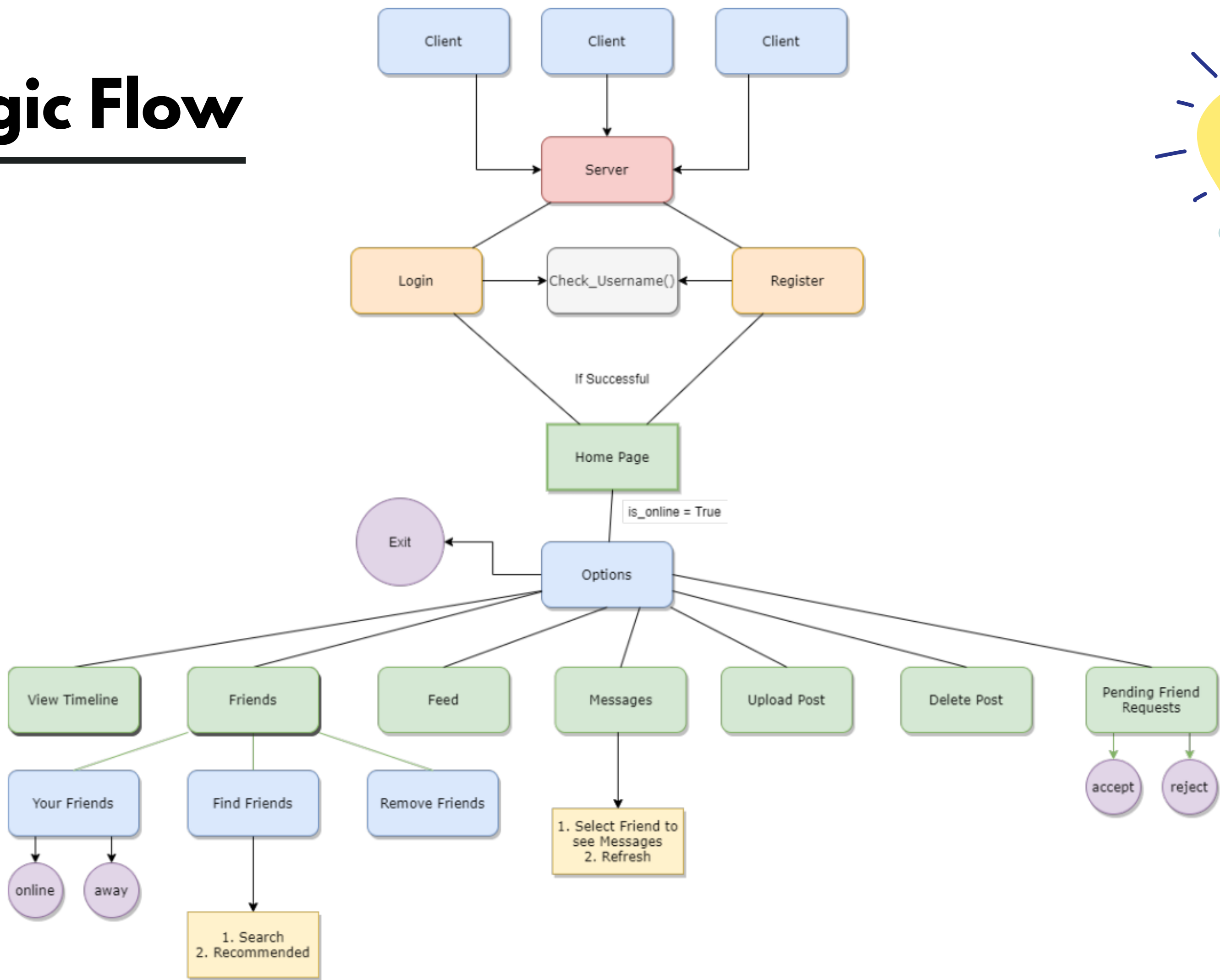
# Feature Set | Objectives



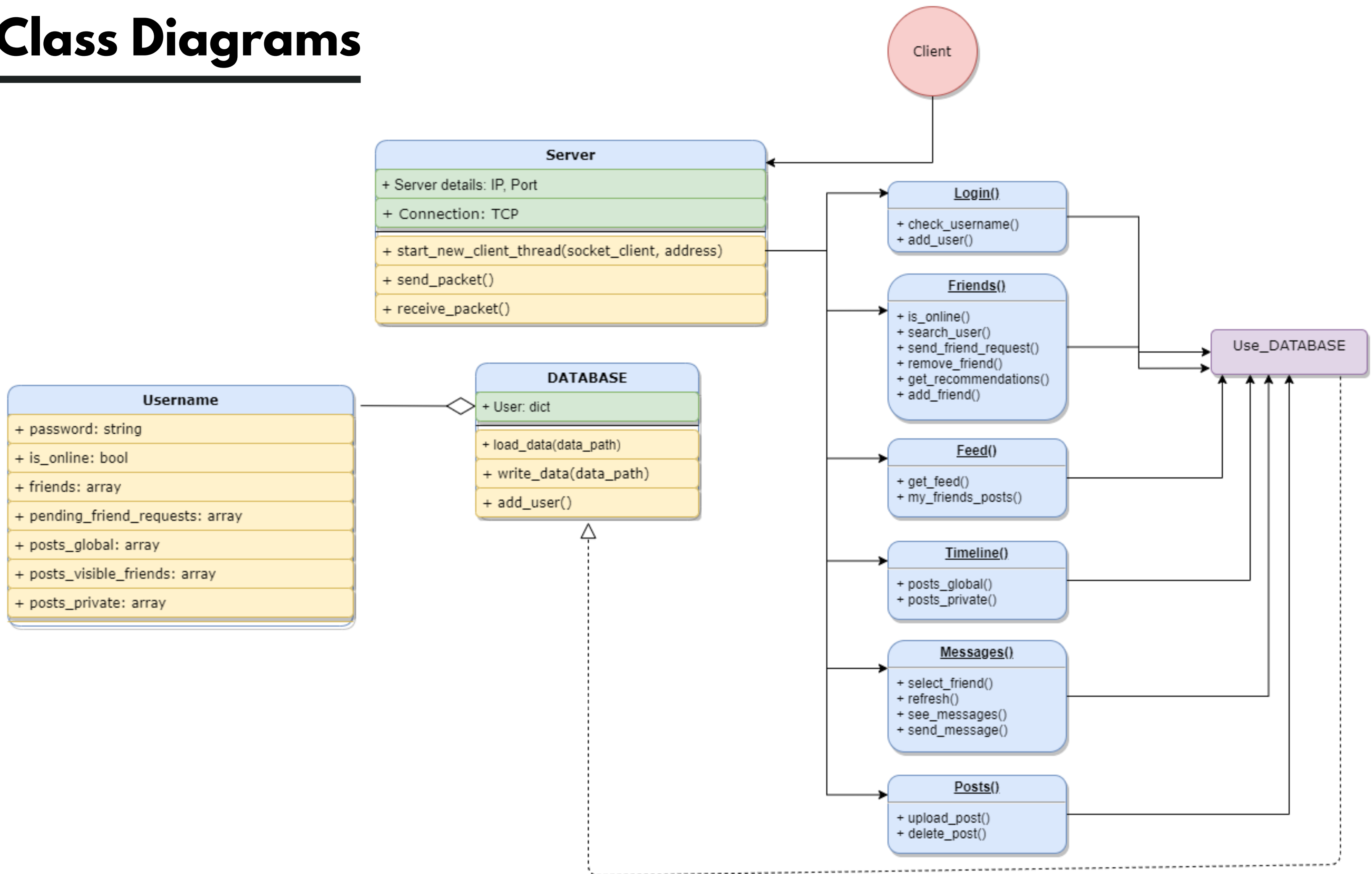
- Login/Register account
- Make Friends!
- Initiate Online Chat Session with Friends: Who's Online?
- Get notifications for Pending Friend Requests
- Upload & Delete Posts (both private and public)
- View your Timeline.
- Check what your Friends are doing. Feed!
- Browse for new friends, view Friends of Friends.
- Security aspects (Masked password, Server authentication)



# Logic Flow

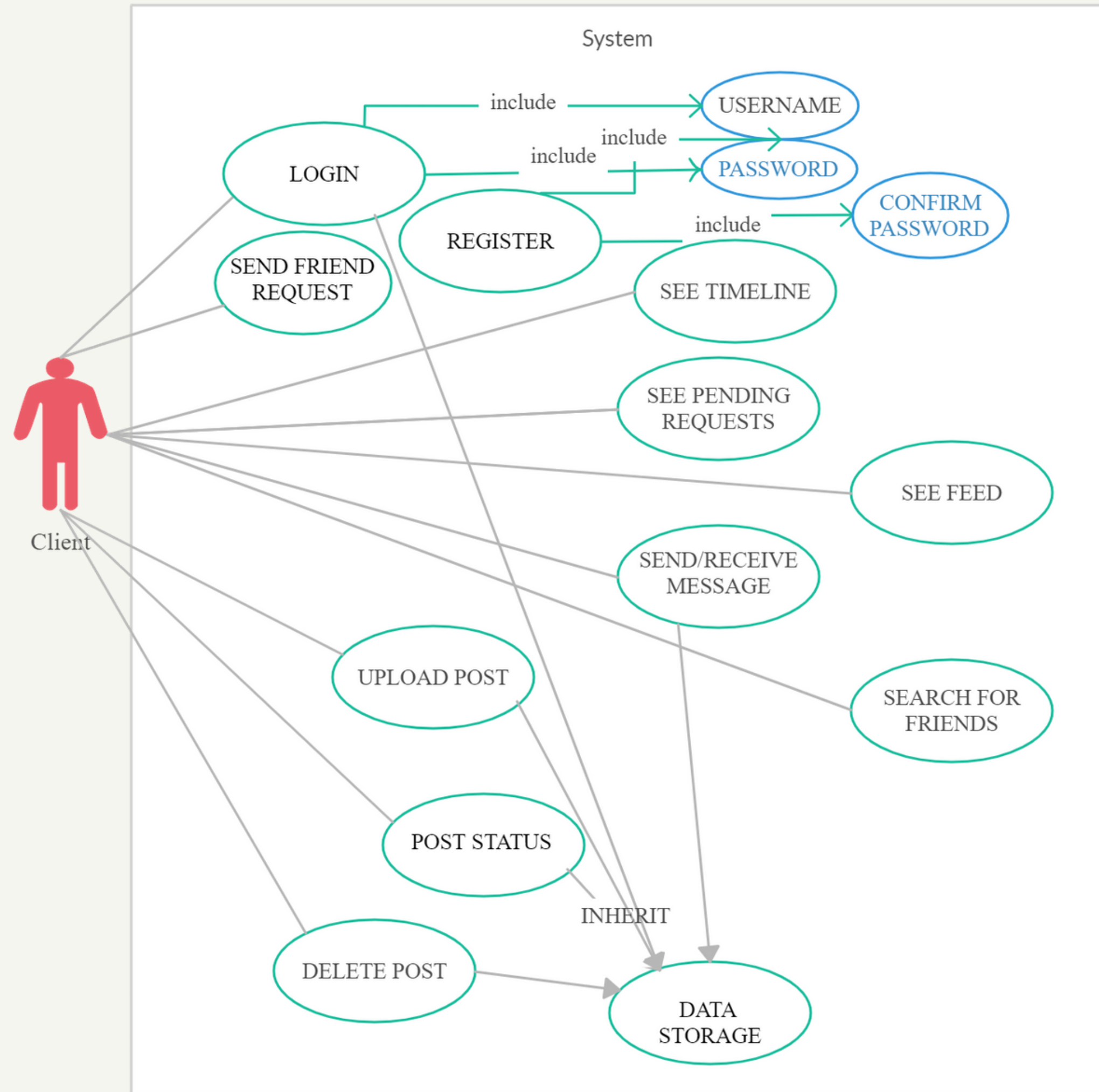


# Class Diagrams



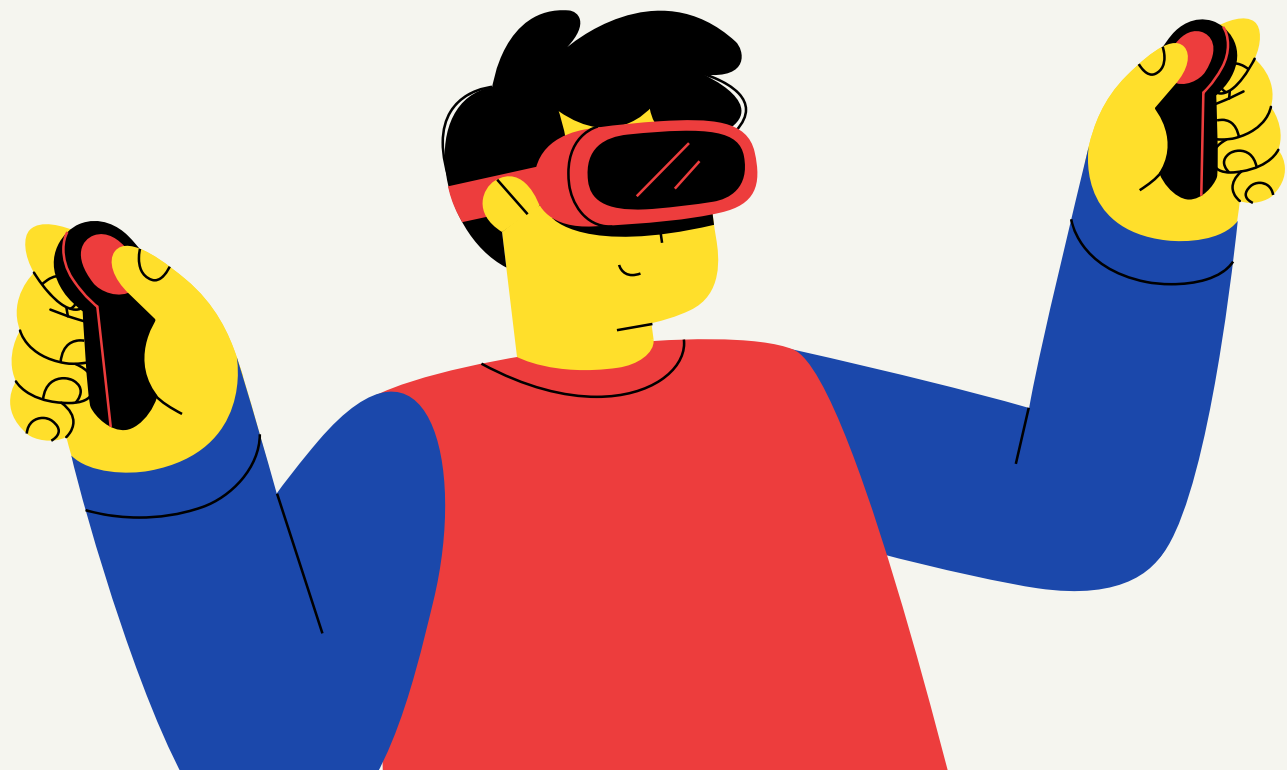


# Use Case Diagram





# Working Demo





- Graphic User Interface
- Features like Likes & Comments on Posts
- Security Aspects (Well-Maintained Database)

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## FUTURE WORK



Thankyou

