

Software Engineering

Social Network

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# Team

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# Document Purpose and Audience

## Audience

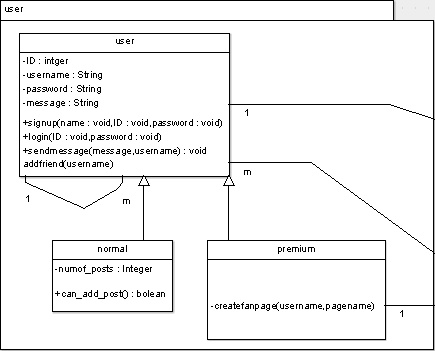
The audience includes the client, the users, the project management, the system analysts (i.e., the developers who participate in the requirements), and the system designers (i.e., the developers who participate in the system design).

## Purpose

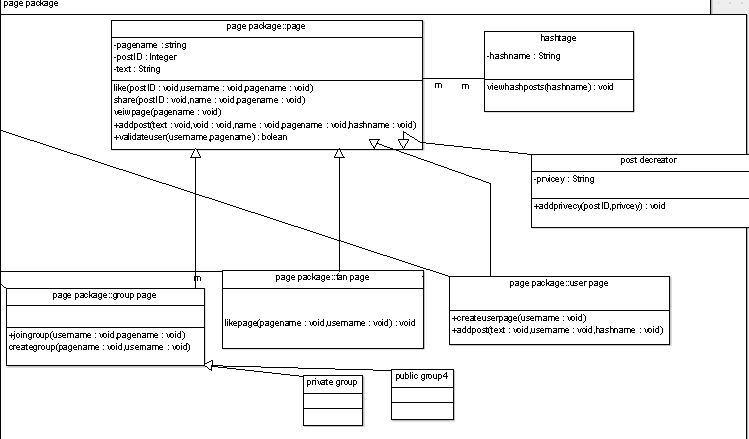
The purpose of this document is to give a detailed design of the system for the “back-end API” software for social media. It will illustrate the purpose and complete declaration for the development of this system. It will also explain system constraints, interface and interactions with other external applications.

# System Models

## System Decomposition

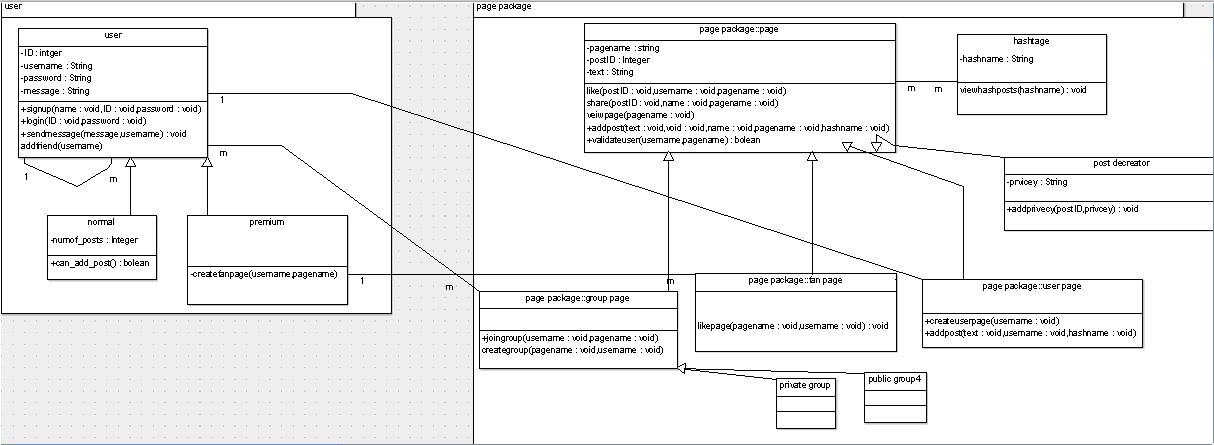


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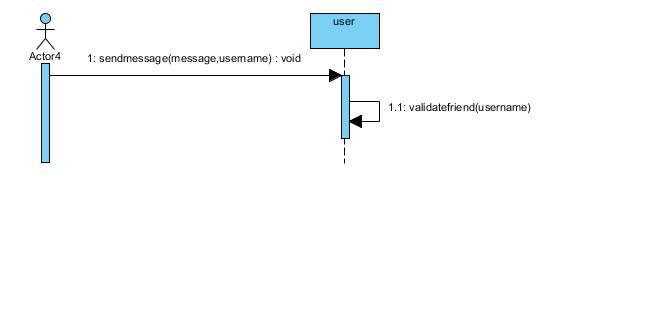
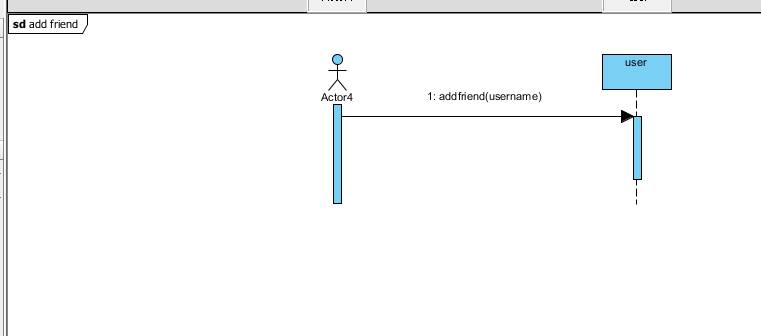
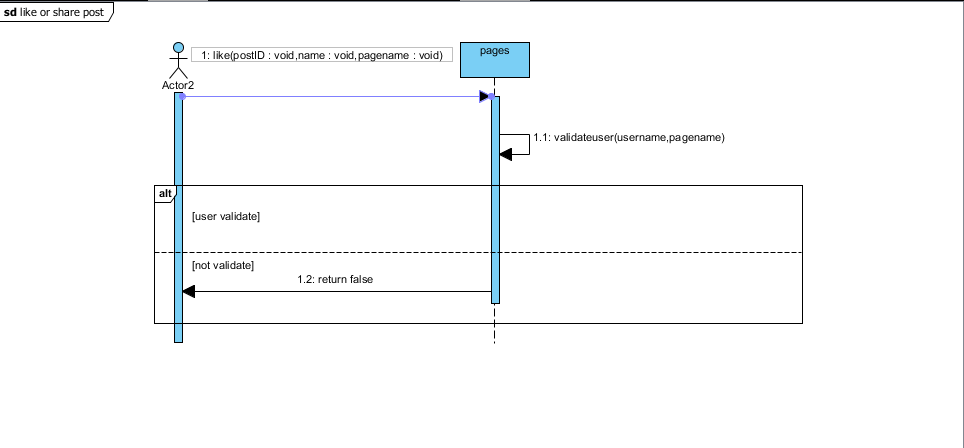
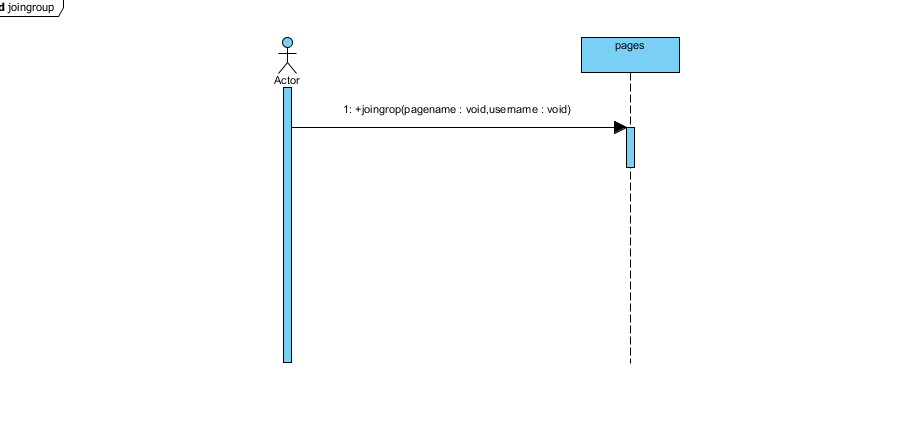
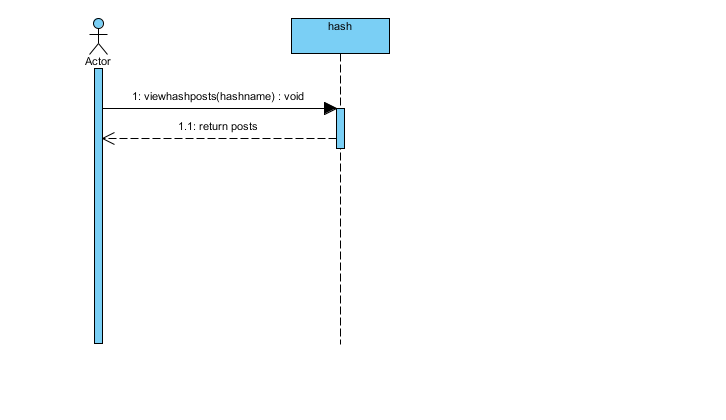
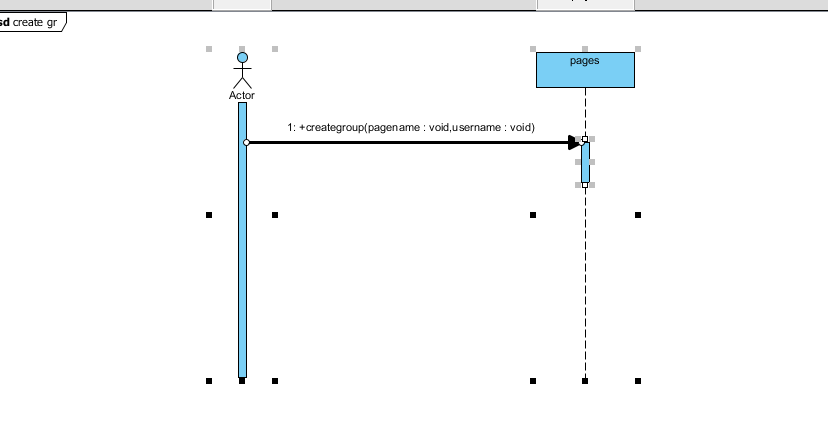
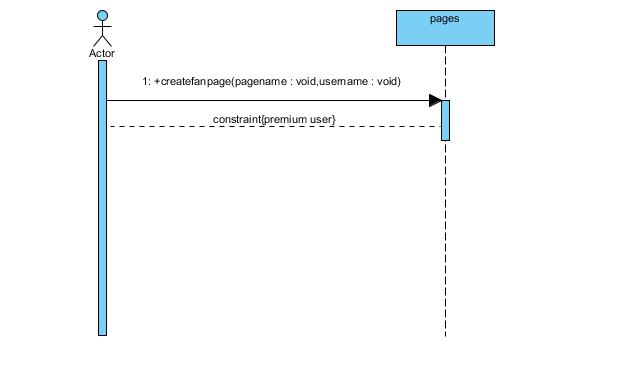
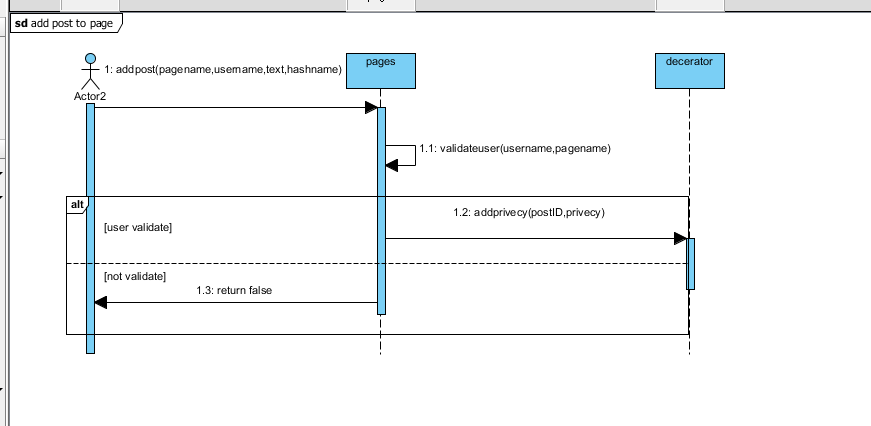
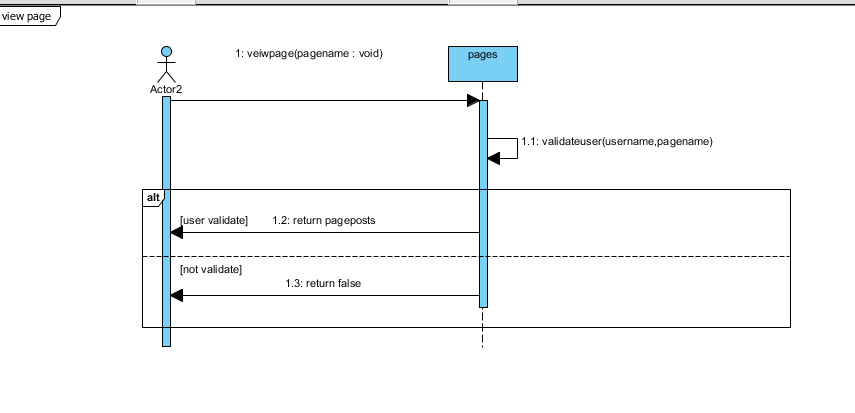
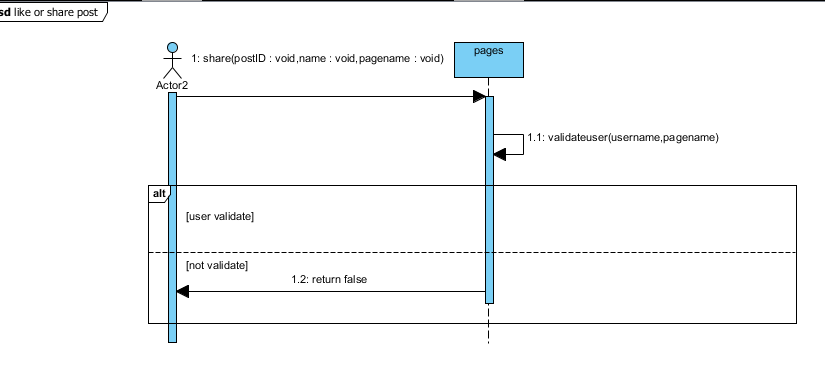


## Class diagrams

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## Sequence diagrams



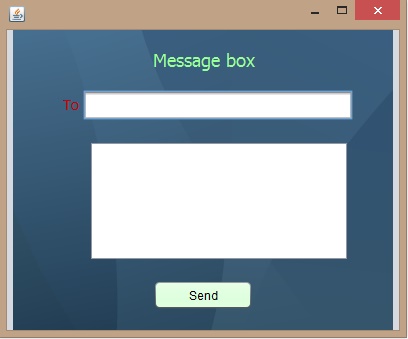
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## User Interface Design

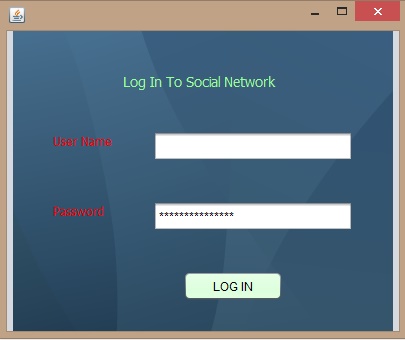
### Screen 1 – write post



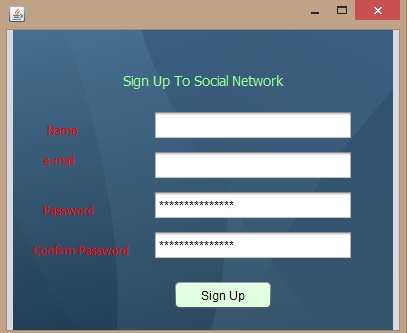
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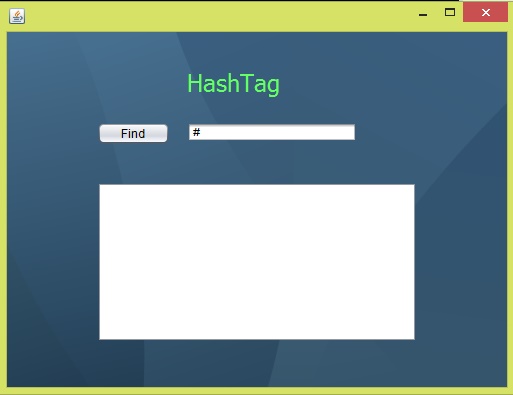
### Screen 3 – Login Screen



### Screen 4 – Sign Up



### Screen 5 – hashtag



### Screen 6 – home



# Ownership Report

|  |  |
| --- | --- |
| **Item** | **Owners** |
| Class diagrams | *Ahmed Abd El-ghafar* |
| System Decomposition | *Ahmed Abd El- Nasser* |
| Sequence diagrams | *Ahmed Badr Sayed* |
| User Interface Design | *Ahmed Abd El=fattah* |