# CS251 – Software Engineering I

# CS251: Phase 2 – Shadow/Coders Project: <Social Network>

# Software Design Specification

## Contents

# Instructions [To be removed]

# CS251: Phase 2 – Shadow/Coders Project: <Social Network>

# Software Design Specification

## Team

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## Document Purpose and Audience

The purpose of this document is to make all the diagram designs for the back end-API of the social network

## Audience

The TA and the team members who made this document
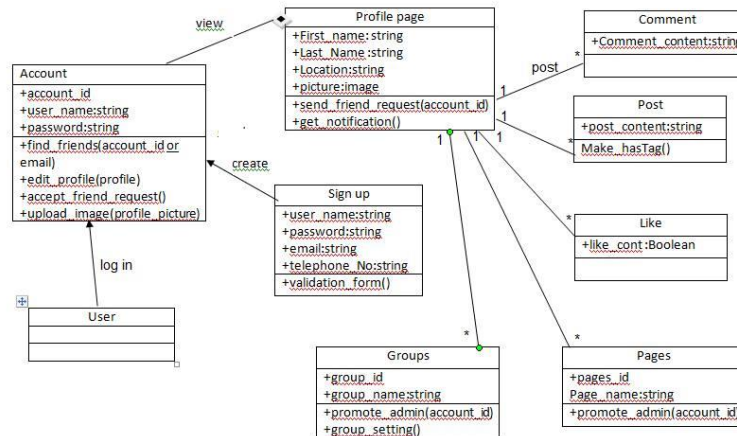
## System Models

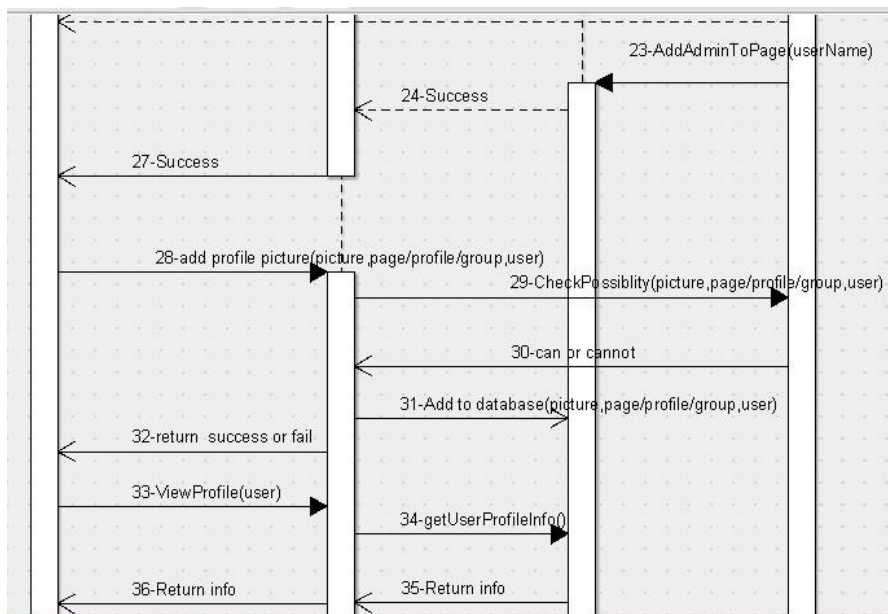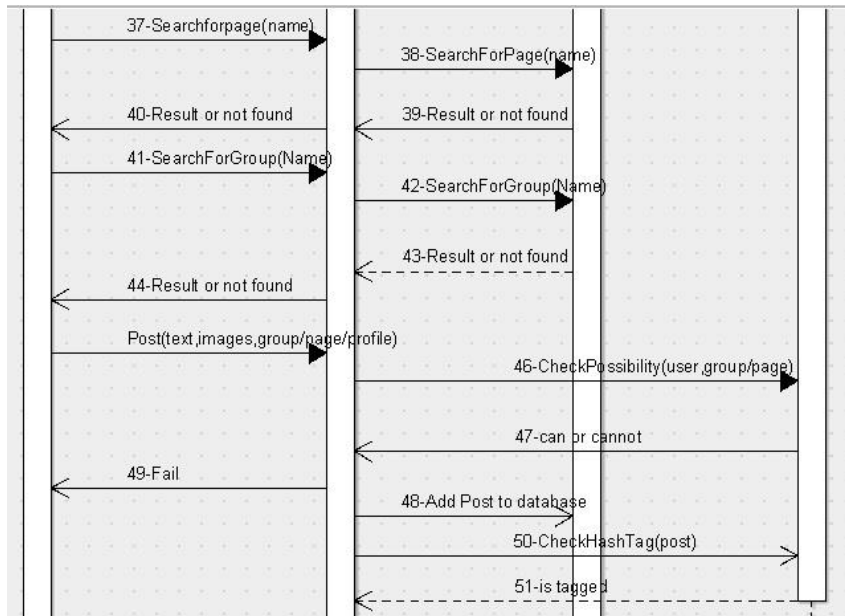### System Decomposition

### Class diagrams

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| Class ID | Class Name | Subsystem ID | Description |
|----------|-----------|--------------|-------------|
|          |           |              |             |

## Important Algorithm

## Sequence diagrams
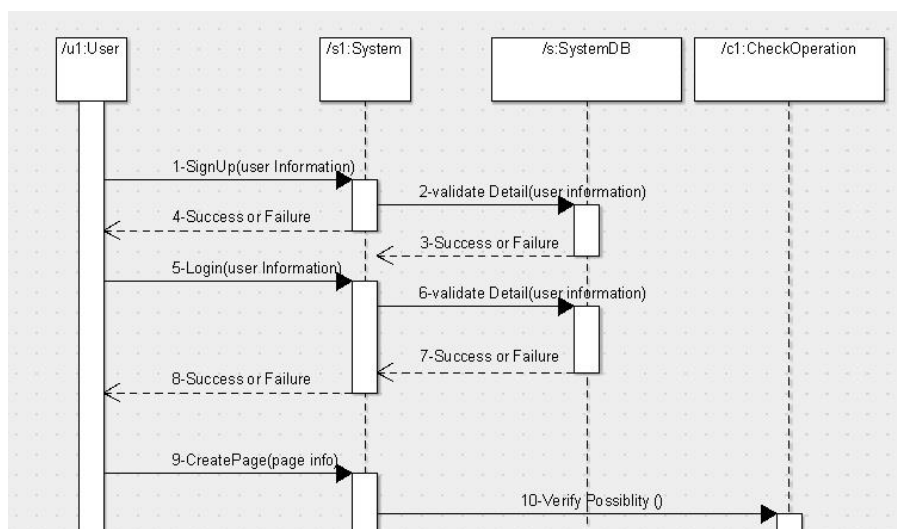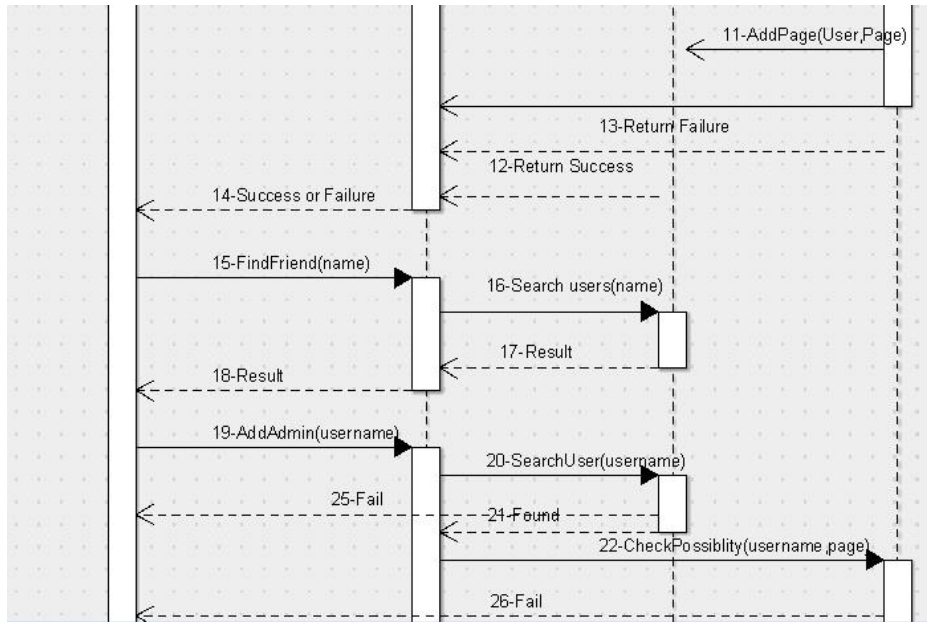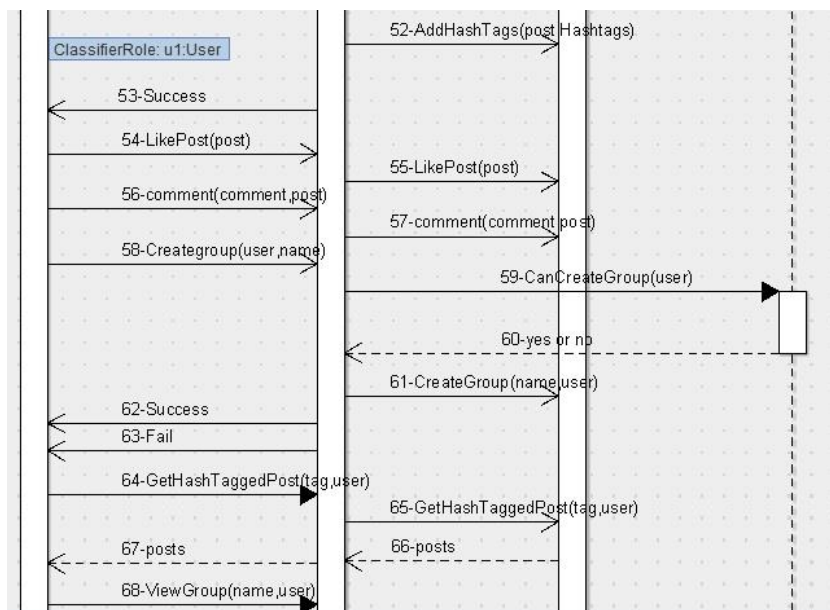
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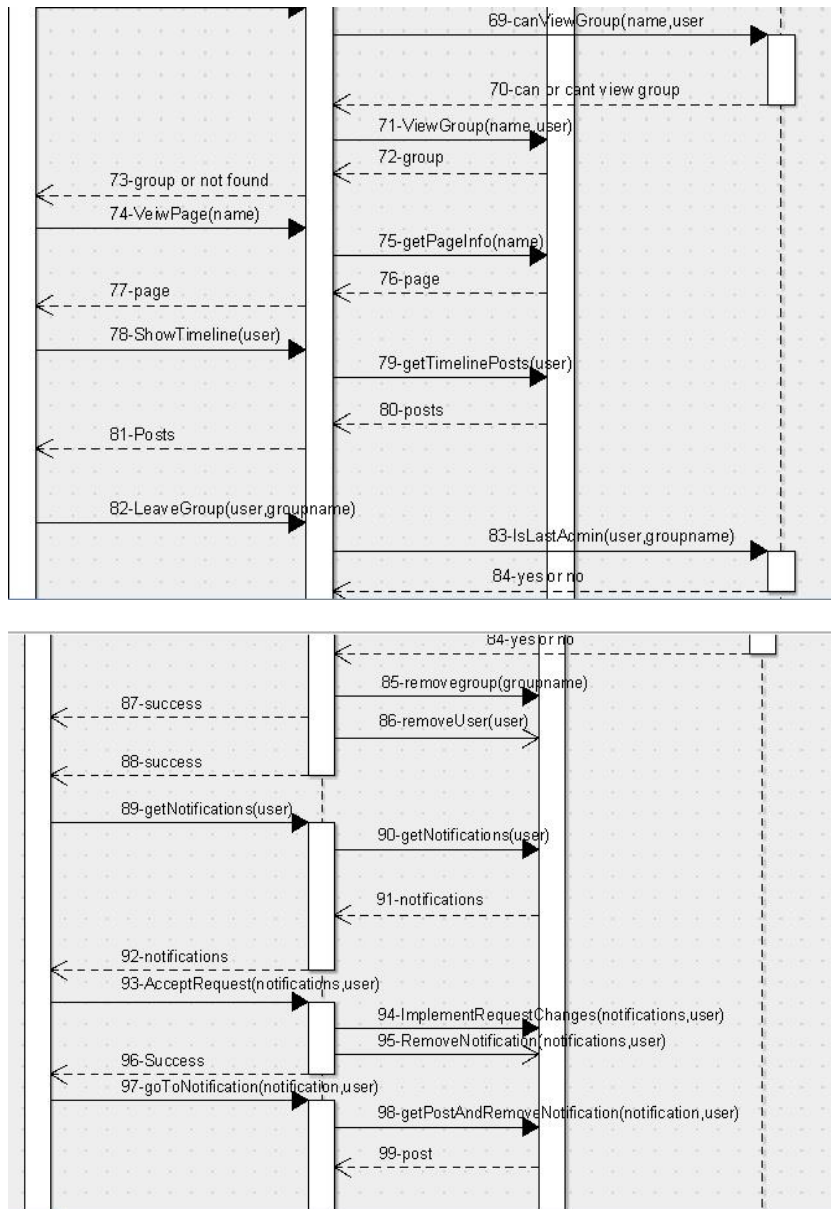
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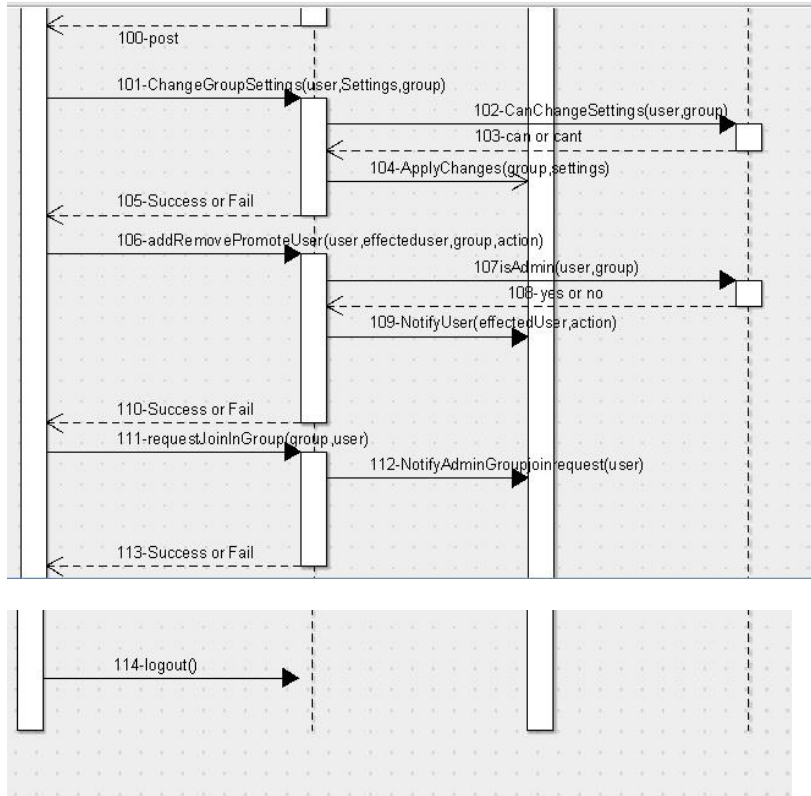


## Class - Sequence Usage

| Class Name | Sequence Diagrams | Overall used methods |
|---|---|---|
|  |  |  |
|  |  |  |
|  |  |  |

## Physical Entity-Relationship Diagram

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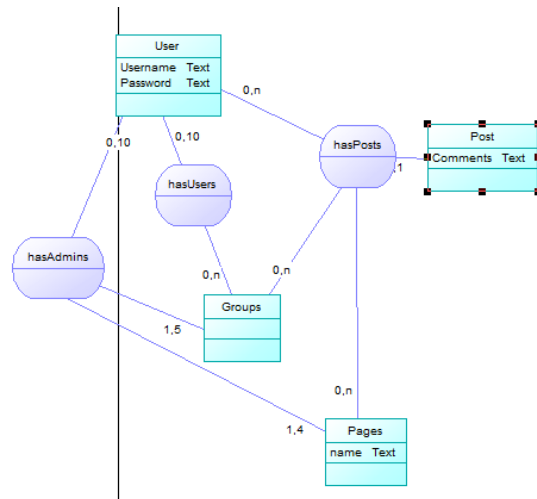


## User Interface Design

Create group and Create Page screens



Sign Up/Login screen
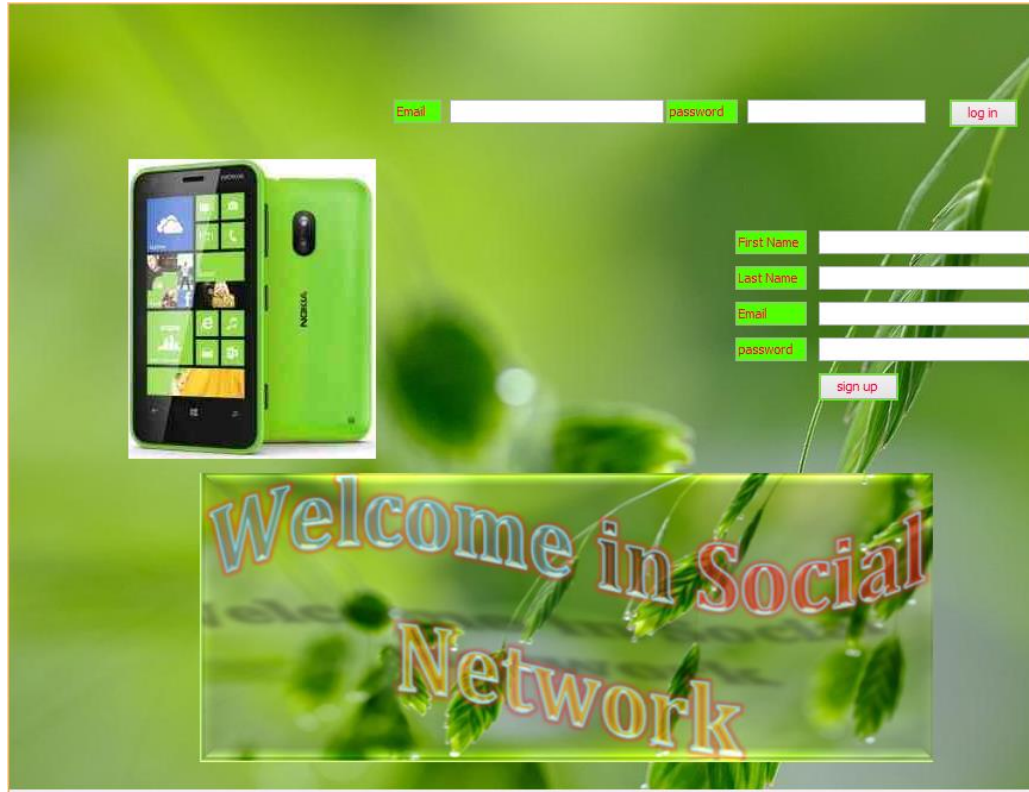
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Group Screen
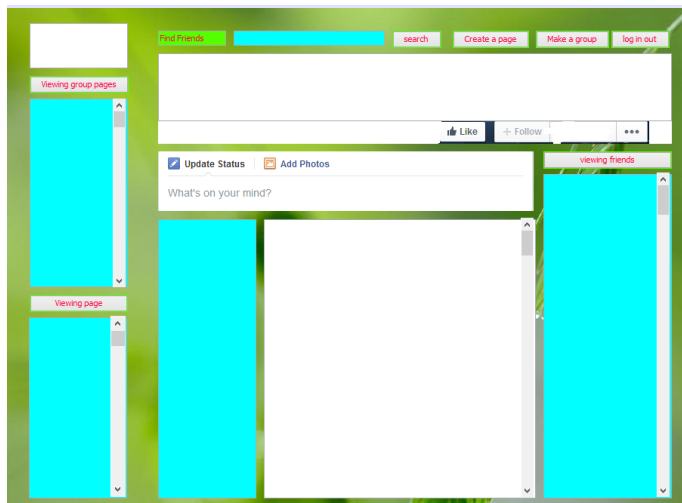


Timeline

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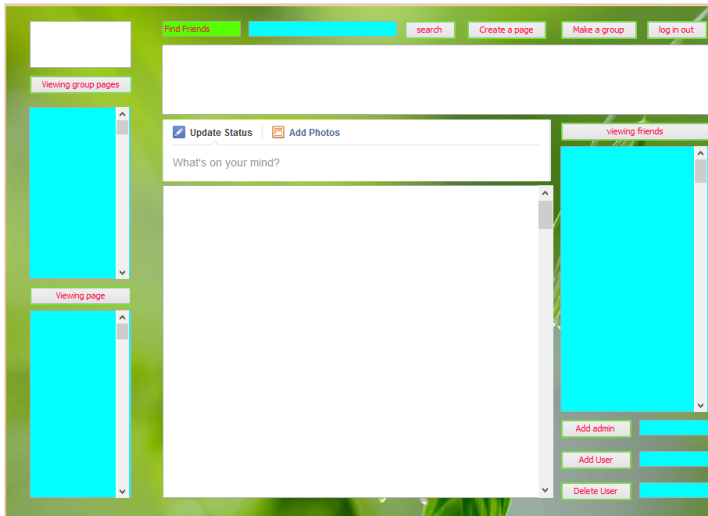


Wall Screen
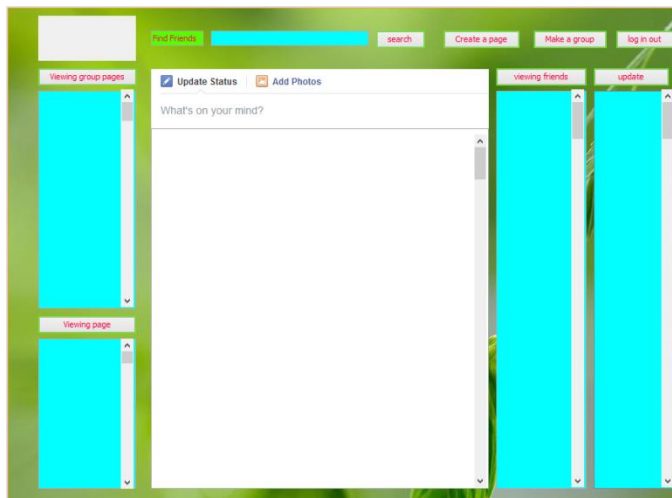


## Ownership Report

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| Item | Owners |
|------|--------|
| Class diagram | *Omar Taha* |
| Sequence diagram | *Salah Mostafa* |
| ERD | *Abdulhalim Ahmed* |
| GUI | *Abdulrahman Mohammed* |