

# Corporate World Social Network

## Software Requirement Specification (SRS)

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Version 1

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## Revision History

Name	Date	Version
Shuvo Saha Roy	9-3-2019	1
Mou Das	10-3-2019	1
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# 1.Introduction

## 1.1 Purpose

Product intends to provide a well established web-based social networking system. This documents a networking system scope, functionalities, requirements and feasibility.

## 1.2 Document Conventions

In this whole document key points are written in bold faces with the same font as the text.

## 1.3 Intended Audience and Reading Suggestions

- Software developer
- Administrator
- Security Analysts
- Users of the system
- Maintenance Team

## 1.4 Product Scope

The social networking website is an online community designed to make your social life more active and stimulating. The social network can help you maintain existing relationships with people and share pictures and messages, and establish new ones by reaching out to people you've never met before.

# 2.Overall Description

## 2.1 Product Perspective

The social networking website allows users to connect with their family and friends all over the globe. It gives a global platform for users around the world to

connect with each other .Users can also share photos and engage themselves in chatting.

## 2.2 Product Functions

User can register to the social networking site and login whenever he wishes to do so. User can create his profile, add ,edit information, set visibility to various profile sections, so his own profile and upload profile picture to his profile. With the application users can connect with their friends and family through a common platform. A user can search for his friends and will be shown appropriate results if matching profiles are found. Any user can post status which will be visible to his connections.

## 2.3 User Classes and Characteristics

Standard users may belong to any demographic group including any gender, nationality that can use computer's browser. The site requires its users to be above 16 years of age. It does require its users to have any specific computer knowledge. User interface is in English language so users should have a basic English reading knowledge.

## 2.4 Operating Environment

HARDWARE REQUIREMENTS:

**Any internet accessible computer.**

SOFTWARE REQUIREMENTS:

Operating System : Windows or Linux

Programming language: PHP

Web-Technology: PHP

Back-End: MYSQL SERVER

Web browser : Chrome /Firefox /Opera

### 3. System Features

- **Creating a new account**

User is allowed to create his own profile.

According to the specifications required by the administrator, the user forms his own profile and submits it to the system.

- **Updating the account**

The user is allowed to update his/her account.

The administrator updates the profile accordingly.

The user is not allowed to keep any mandatory fields blank while updating. For e.g. Name, Last name, Address etc.

- **Uploading Posts**

User can upload photos and texts. He/She can't post a photo without any description.

- **Comment**

User can comment others photos and posts.

- **Search**

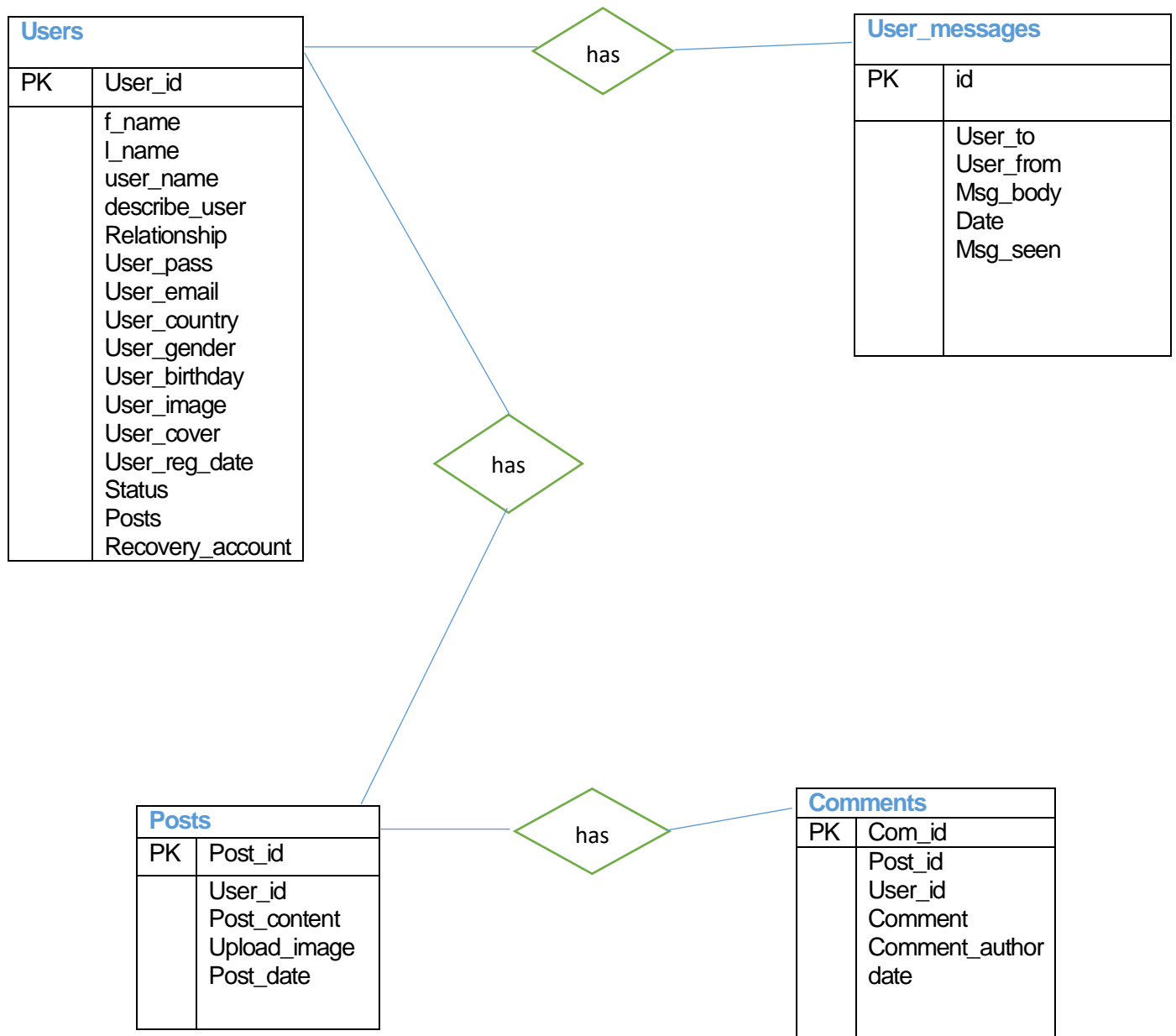
User can search for people and posts.

- **Messages**

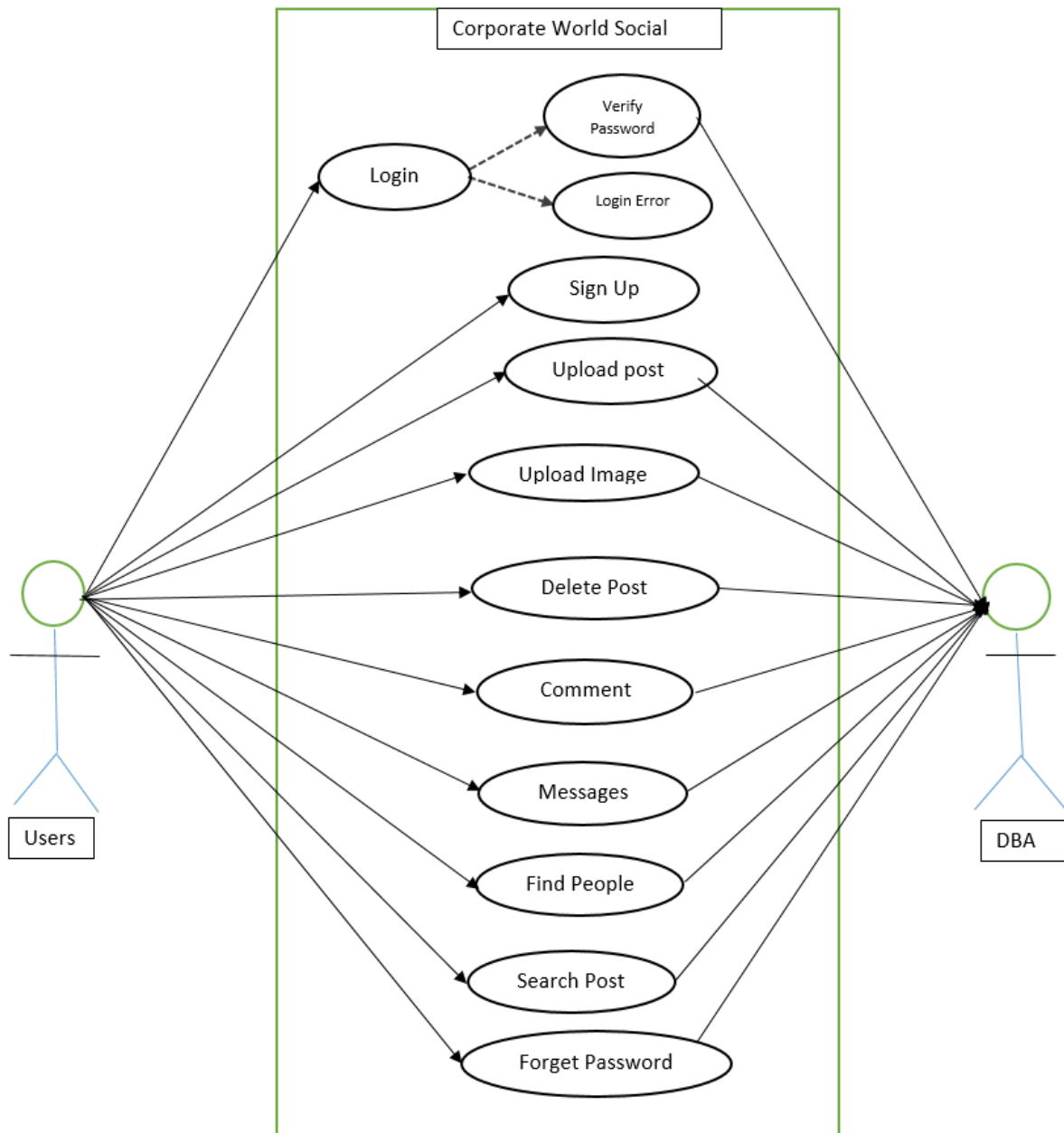
User can chat with each other but text should be in 250 letters.

## 4. Design Phase

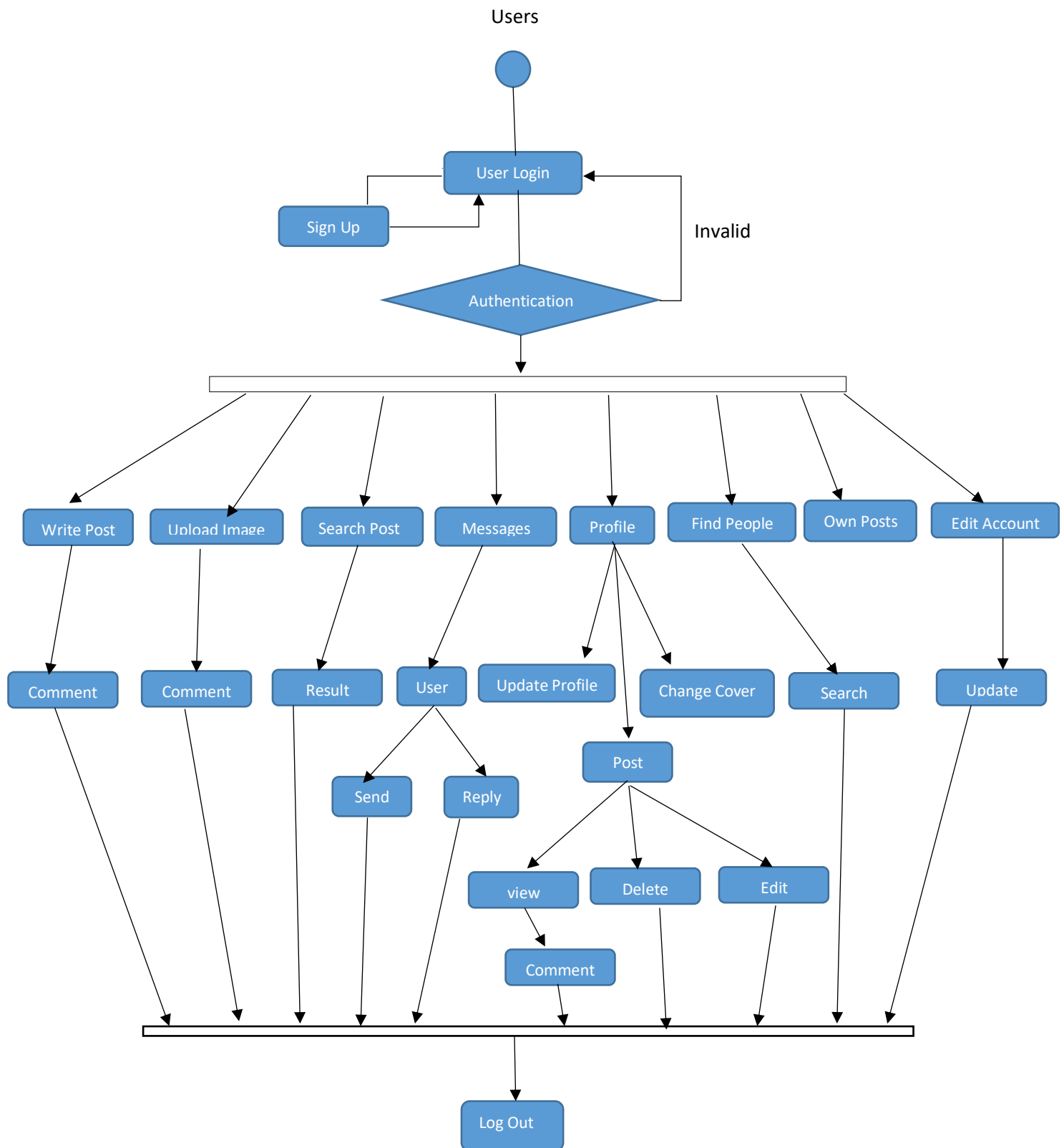
### 4.1 ER Diagram



## 4.2 Use Case Diagram



## 4.3 Activity Diagram





## 5. Other Nonfunctional Requirements

### 5.1 Performance Requirements

- **Scalability:** System should be able to handle a number of users. For e.g. Handling around thousand users at the same time.
- **Usability:** Simple user interfaces that a human can understand.
- **Speed:** Speed of the system should be responsive i.e. response to a particular action should be available in short period of time. Updating the account takes few seconds for the changes if the entry is not starred.

### 5.2 Security Requirements

- The new profile formed is validated against the given email address.
- The system or the system databases should not be manipulated by the user. In case of any such manipulations by the registered user, strict actions to be taken for the safety of the system.