

**Course Name:** Software engineeringl

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[Social Network]

**Software Requirements Specification**

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# Team

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# Document Purpose and Audience

* **This document is talking about social network software requirements**
* **Our audience are developers , TAs and doctors**

# Introduction

## Software Purpose

* **The purpose of this project is to develop back-end API for social network to connect community projects with green and social benefits and manage interactions between users, create and manage groups and pages, manage different type of posts and retrieve current posts in specific hashtag and sort these posts according to the most important post.**

## Software Scope

* **Develop back-end API that is able to manage interactions between users for all features they can use and the target of our project is the people who wants to use any social network and can login and use it.**

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# Requirements

## Functional Requirements

* **Downloading API application from the web**

**Users choose executable file related to the operating system which users use it such as**

**(Windows, Linux, Mac OS).**

* **Installing the API application**

**Install the application**

* **Users:**

**We should be able to create and manage different type of users such as normal user and premium user which has more features and set their important attributes such as name , email , gender , mobile phone ..... .**

* **Groups:**

**We should be able to create and manage different types of groups such as public , private each group is managed by set of users depend on their types including user creates the group). .**

* **Pages:**

**Users may need to create fan page for specific entity or product to connect with people. With we should be able to create and manage user pages and maintain some important attributes such as number of users like specific page.**

* **Posts :**

**User can post in his own profile or in a group like we do on Facebook**.