CS251 – Software Engineering I

Contents

Software Requirements Specifications

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Document Purpose and Audience

The purpose of this project is to develop back-end API for social network.

something like **facebook** .

To make your own social network and use it with your friends and you could use it in your work

Introduction

Software Purpose
- **make a new social media**

Software Scope

Software Requirements Specifications

- **The project will be an API to a social media .Which has many feathers users (it can be normal user or premium user), groups(public or private), pages, like, hastage ,messages and posts.**
- **It won't be a social media with its UI .the API can be used to create a real social media because it will have the main feathers of any social network .**
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Requirements

Functional Requirements

USERS

Each one have an account he is the only one who can use it .

he has his own profile and could send messages and post

GROUPS

Set of users the group has a manager who manage it

PAGES

Each user can create a page and all users are allowed to like it and see what he writes

POSTS

user write what he feel what he want to tell his friends

and the can see it and like it if they want or comment on it

HASHTAG

Users use hashtags to categorize the content of specific post, if user wants to write a post about "education", user may put the word #education (# the symbol of hashtag) in the post to categorize this post as education post. If another user wants to read some posts about education, so user may request all posts contains #education phrase.
With this component you should be able to manage all hashtags, get all posts contains specific hashtag and sort these posts according to post importance (for examples, posts written by sponsored users should be more important than posts written by normal users)

MASSEGE

User can send message to another user(s) in his/her friends list.
Using this component, you should be able to create message from user to any other user(s), or get messages between 2 users, or get messages in specific message group (which contains more than 2 users)

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