

CSE 405 Server Programming

ConnectMe Project

Software Requirement Specification

CSE 405 Server Programming

Table of Contents

1.	Introduction	3	
1.1	Purpose	3	
1.2	Scope	3	
2.	Specific Requirements	4	
2.1	Functionality	4	
2.1.1	Maintain Developer Profile.		4
2.1.2	Provide personalized Profile.		4
2.1.3	Post Feed		5
3	Usability	5	
3.1	Graphical User Interface		5
3.2	Accessibility		6
4	Security	6	
4.1	Data Transfer		6

CSE 405 Server Programming

Software Requirement Specification

1. Introduction

The introduction of the Software Requirements Specification (SRS) provides an overview of the entire SRS with purpose, scope, definitions, acronyms, abbreviations, references and overview of the SRS. The aim of this document is to gather and analyze and give an in-depth insight of the complete **ConnectMe system** by defining the problem statement in detail. Nevertheless, it also concentrates on the capabilities required by stakeholders and their needs while defining high-level product features. The detailed requirements of the **ConnectMe** are provided in this document.

1.1 Purpose

The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirements with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concepts that may be developed later, and document ideas that are being considered, but may be discarded as the product develops.

1.2 Scope

In this project we will build a Full Stack social network application which allows the developers to interact with each other. In this application developers basically can look at profiles of other developers, can login and create their own profiles, can add experience & education. They can also add post and comment on other people's posts.

This SRS is also aimed at specifying requirements of software to be developed but it can also be applied to assist in the selection of in-house and

commercial software products. The standard can be used to create software requirements specifications directly or can be used as a model for defining a organization or project specific standard.

2. Specific Requirements

2.1 Functional

- **Maintain Developer Profile**

- The system shall allow the user to create profile and set his credentials.
- The system shall authenticate user credentials to view the profile.
- The system shall allow user to update the profile information.
- The system shall allow user to logged out of his/her profile.

- **Provide Personalized Profile**

- The system shall display all the perspective fields of user's profile.
- The system shall allow the user to edit the profile information.
- The system shall allow the user to update the existing information of profile.
- The system shall allow the user to add the experience to his/her profile (Company, Job Title, Location, Date, Job Description)
- The system shall allow the user to add multiple experiences in his profile.
- The system shall allow the user to delete the experience.
- The system shall allow the user to add his/her Educational Background to the profile (School, Degree

- The system shall allow the user to add multiple educational backgrounds in his profile.
- The system shall allow the user to delete the educational backgrounds.
- The system shall allow the user to delete the whole profile.e, (Field of Study, Date, Program Description).

- **Post Feed**

- The system shall show all the posts of the developers.
- The system shall allow the user to like and dislike a post.
- The system shall show the likes and dislikes of the post.
- The system shall allow the user to comment on a post.
- The system shall show all the comments given by other developers on a post.
- The system shall allow the user to delete his own post.
- The system shall allow the user to create his own post.

3. Usability

3.1 Graphical User Interface

- The system shall provide a uniform look and feel between all the web pages.
- The system shall be accessible on mobile devices too.
- The system shall use the icons to make the UI more interactive.
- The system shall show the developer's profile photo on his post if he have any.

3.2 Accessibility

- System shall provide only English language support

4. Security

4.2 Data Storage

- System shall store the password of the user in hashed form.
- System shall log out the user if he is inactive for more than 60 mins.
- System shall not allow the user to delete or edit any other user's post and profile.
- System shall only be operated by registered users.