CampusConnect

● Functional Requirements

1. Registration and Authentication:

→ Users must be able to create accounts with a valid email address or through social media accounts.Users should be able to reset their passwords securely.

2. Profile Creation and Management:

→ Users should be able to create and edit their profiles, including personal and professional information, skills, education, and work experience.Users should have the option to upload a profile picture and their about section.

3. Interaction:

→ Users must be able to send and accept connection requests.Users should be able to search for and connect with other users.

4. Messaging:

→ Users should be able to send private messages to their connections.

5. Job Search and Posting:

→ Users should be able to search for job listings based on location, industry, job title, and other relevant criteria. Employers should be able to post job openings, receive applications.

6. Posting content:

→ Users should be able to create and share posts, articles, and other types of content. The platform should support multimedia content such as images, videos, and documents.Users should have the ability to upvote, comment and share posts.

7. Notifications:

→ Users should receive notifications for various activities, such as new messages, connection requests, etc.

● Non-Functional Requirements

1. Performance:

→ The platform should provide a responsive and fast user experience, even during peak usage times.Page load times should be minimized.

2. Scalability:

→ The system should be designed to handle a large number of users and a large data volume over time.

3. Reliability:

→ The platform should have high availability and minimal downtime.

4. Security:

→ Data encryption should be used to protect user information. The platform should be able to authenticate and authorize data. Regular security checks should be conducted.

5. **Usability:**

    → The user interface should be intuitive and user-friendly.

6. **Compatibility:**

    → The platform should be compatible with a wide range of web browsers and devices.

7. **Support and Maintenance:**

    → A support system should be in place to address user issues and inquiries. Maintenance and updates should be performed to ensure the platform's stability and security.