



Project Proposal - Mini-LinkedIn

Proposed By -

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Reference for template: [MINI-FACE: Project proposal](#)

Overview

To design and implement a simple internet tool that mimics the functionalities and features of Formal **Networking** Platform LinkedIn.

Goals

1. Designing and implementing a Mini-LinkedIn tool using networking paradigms that supports important LinkedIn features like feed, job posting and searching, connecting and networking, creating companies, and building profiles.

Specifications

2. Designing the networking paradigm that allows the following LinkedIn features:

Basic Features:

- a. Any user should be able to register and set up an account either as a company or normal user. Should be able to login and logout with Mini-LinkedIn.
- b. Users should be able to set up a custom profile with fields like skills, about, experience etc. in case of normal profile and set fields like company name, about etc. in case of company.
- c. Send and accept connection requests from users (which are not a company).
- d. Users should be able to create LinkedIn posts and like posts. View posts of their connections.
- e. Display the number of users who viewed a person's profile.
- f. Display information of users who endorse specific skills.

Advanced Features:

- g. Only the company should be able to post job updates. All the registered users can search for job postings with filters.
- h. Companies should be able to see the users who have applied for the job posted.
- i. Scale to a concurrent server that can handle several client requests.

3. Security Features

- a. Users must be authenticated with the server before trying to access any of the features.

- b. When a user is prompted for a Login password, the user input for the password should be obscured/masked.
 - c. A user can only see the posts of users who are in their connection.
- 4. Other Bonus features (Grace points):
 - a. Give job recommendations based on the skills provided by the user.
 - b. Give connection recommendations.
 - c. Add comments and add support for multiple reactions (such as like, celebrate, insightful etc.) on a connection's post.
 - d. Attractive GUI.