

CS 242 Final Project Proposal

Professional Career Advising App

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1. Abstract

1.1. Project Purpose

What is the purpose of this project?

Aimed to help students targeting the right career path.

What problems do you want to solve?

1. Applied the personality analyzing rule into the codes, allowing users jumped into different questions and resulting pages according to what they have answered.
2. Concise and elegant UI Design.
3. Database in the backend to store users informations and their quiz app answers.
4. User login credentials
5. Public forum to discuss the results with other users and make friends with each other
6. Generate another quiz questions

1.2. Background/Motivation

Why are you interested in doing this project? Have you worked on something similar before?

Brief: collaboration plays a significant role in industries. Thus, we want to grasp this last chance and practice our coordination skills before stepping into the company.

Many of my friends at UIUC once doubted if they were in the right major. Whether being on the right track and choosing the right career path according to their personalities and skills are the most challenging but important things, especially to young adults. We want to help more friends who are at the similar age and situations know themselves better, finding the job they like most.

All of us have shallow experiences on mobile and website developments, and we would like to sharpen our skills via this project.

2. Technical Specifications

2.1. Platform: website

2.2. Programming Languages:

Frontend: Html, CSS, JavaScript

Backend: Java, Spring MVC frameworks

2.3. Stylistic Conventions: concise comments, naming conventions, camelCase, maintainable

2.4. SDK: Java

2.5. IDE: Eclipse

2.6. Tools/Interfaces: Google Chrome

2.7. Target Audience: new graduate students or students who are in DGS major

3. Functional Specifications

3.1. Features

Several bullet points of what kind of functionality your project will feature. What should the user be able to do?

Navigate through pages

User log in

User bbs

Comment

User setting customization

Add friends

Send messages

3.2. Scope of project

What are some of the limitations of this product?

Currently only focuses on career advising. We plan to expand the advising area in the future such as trip advising.

4. Timeline:

4.1. Week 1

4.1.1. List several bullet points of what each member of the team will be doing

Basic ui

Basic interaction between pages so that each users can jump to different pages according to their selections.

4.2. Week 2

Store the informations from the frontend to backend database table.

User login credentials.

Public forums for users to discuss with each other (half)

4.3. Week 3

Public forums (keep construction)

Generate new quiz questions

4.4. Week 4

Code Review

Final refinement

User setting customization

Future Enhancements if time allowed: recommended similar users + connect app with some professional platforms

5. Future Enhancements

What are some cool tweaks you'd want to make to your product after the core functionality is done? Are you planning to work on it in the future?

1. Recommended people who have the similar results to the users, and users can choose to send friends request if they want to. We will definitely work on this even though this class is over sine we like this feature and figuring out how to implement it is interesting.
2. Connect our app with some professional social platform and job seeking platforms such as Linkedin and Indeed. Auto submit our users resume to those alumni in suggestion company and suggestion companies' HR.