Forging Your Way

Software Engineering Project - Spring 2023

Specifications Document

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Introduction

Purpose

Our application will provide a platform to connect students and counsellors to help students with their university selections and careers. There are multiple career counsellors available but there is no such platform that connects students/parents with counsellors based on the region the student is interested in applying for colleges/universities.

Product Scope

Through this application, we hope to provide a convenient way to connect students and parents with counsellors. We intend to help students make wiser decisions regarding their career path since the field we choose decides our future. We are limited to providing a platform for connecting counsellors and students but we do not control the interactions beyond that.

Overall Description

User Needs

- As a student/parent/counsellor, I should be able to sign up to create an account on the application.
- As a student/parent/counsellor, I should be able to log in to the application to use it.
- As a student/parent, I should be able to maintain a list of universities that I am applying to and track my progress with ease.
- As a student/parent, I should be able to search and filter counsellors based on my interests.
- As a student/parent, I should be able to book a session with a counsellor depending on their availability.
- As a student/parent, I should be able to text the counsellor to communicate.
- As a student/parent, I should be able to rate the counsellor after completing a counselling session.
- As a counsellor, I should be able to view the appointment requests that I receive.
- As a counsellor, I should be able to respond to texts that I receive.

- As a counsellor, I should be able to track the progress of my clients' applications.
- As a counsellor, I should be able to view my clients' list of universities.

Assumptions and Dependencies

We are assuming that the application will work on an android smartphone.

System Features and Requirements

Functional Requirements

- Sign up
- Login
- Dashboard
- Text messaging
- Appointment system
- Search
- Rating system

External Interface Requirements

- Database

System Features

- Mobile phone
- Internet connectivity

Non-functional Requirements

- Security
- Usability
- Compatibility
- Maintainability