Gradvisory Project

Project Vision Document

Version 0.1

9/29/2020

Revision History

Revision	Date	Author	Reviewed By	Summary of Changes
Revision 1	09/29/2020	Yazan Siyam		Created the actual Project Vision Document

Document Approval List

Version	Approved By	Signature	Date

Document Distribution List

Version	Name of the Receiver/Group	Date

Table of Contents

1   Introduction

<Write an introduction of the Project Vision Document providing an overview of the entire document. >

1.1   Purpose

The purpose of the document is to define the high-level scope and purpose of the entire project in general. Minimizing and stating any risks involved and having the project expectations clearly defined in the process.

1.2   Scope

<A brief description of scope>

1.2.1   In Scope
<Write areas in scope for this project>

1.2.2   Out of Scope
< Define the processes and system are not affected or influenced by this document >

1.3   Definitions, Acronyms, and Abbreviations

<This subsection provides the definitions of all terms, acronyms, and abbreviations required to properly interpret the Project Vision document. This information may be provided by reference to the project's Glossary>

This section explains all of the terms and abbreviations that are being used in this document, for those who are unfamiliar with them. Not everybody who reads this document will understand all of the terms, so this section is helpful.

Term	Explanation
Cloud	Online database that we use as a storage solution

1.4   References

<This subsection provides a complete list of all documents referenced elsewhere in the Project Vision. Identify each document by title, report number if applicable, date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document>

Reference File Name	Version	Description

This section also contains links to all other places that were referred to in this document. These may include:

- *Web sites*

- *URLs or network locations*

- *Research done for similar products*

Name	Link
Inside highered survey (Most students regret their choice in university)	https://www.insidehighered.com/news/2017/06/01/survey-finds-regrets-among-most-former-college-students-belief-quality-their
The Star (International students are too scared to come study in Canada)	https://www.thestar.com/news/canada/2020/04/08/billions-of-dollars-are-at-risk-colleges-and-universities-scramble-to-protect-international-student-sector-amid-covid-19-pandemic.html
Advising.gmu (fear of changing majors)	https://advising.gmu.edu/why-do-students-struggle-with-choosing-a-major/

2   Positioning

2.1   Business Opportunity

The project aims to target the time period in which people of 16 years or older begin looking to further their career paths through learning. Currently, there are various reports and stories of how people tend to struggle when it comes to finding where they wish to spend the next few years learning. By providing an all-in-one platform that the people may utilize to facilitate the process, we hope to solve what would otherwise be a headache inducing process. With high potential of contracts with not only private learning institutes, but also public government funded institutes that would be able to fully utilize our services. A study was also done in the US and out of the 90,000 respondents to the survey. 50% would change their decisions if they had the chance. By using our website, we hope to significantly reduce that number.

2.2   Problem Statement

The Problem of	Figuring out which institute would be most suitable for the user's career path being the most stressful yet also most important decision of the user's life.
affects	People of 16 years of age or older seeking an institute of learning to advance their careers.
the impact of which is	Losing both time and money at the wrong institute learning the wrong skill. Making a wrong decision at this vital time will impact a person's entire future.
a successful solution would be	If a solution is applied, these are some of the various benefits people will have: - The user would have all their cards laid out in-front of them to choose their career path - Will save the user a lot of time and research - By choosing the right institute using the website, they will be able to accelerate their career path and be ready to work faster than if they were in the wrong environment, which in turn would further stimulate the economy.

Table 1 Problem Statement

2.3   Product Position Statement

< A product position statement communicates the intent of the application and the importance of the project to all concerned personnel >

For	People 16 years or older
Who	Wish to find an institute of learning to further their careers
The Website	is an all-in-one system that would take in all the resources that people will need to look into. And help the user find the right institute for them.
That	Turns months or even years' worth of effort into a few days of research, having every single piece of information needed to make the decision, including reviews, and recommendations based on the user's criteria.
Unlike	The alternative, which is to spend months printing and taking sheets, manually looking at the various institutes that you might have heard of through word of mouth. Calling and asking friends for opinions and not really getting all the information you might need.
Our product	Will provide an all-in-one system that will simplify the process of finding an institute of learning from a year or two-year process down to a one day to a one-month process. While also showing you options you may have never considered before.

Table 2 Product Position Statement

2.4   SWOT Analysis

<Reference: https://www.businessballs.com/strategy-innovation/swot-analysis/)

Strengths	Weaknesses
No real competitors within this field that are as intensive as us.	No mobile application yet
Rather than looking at the individual institute's websites, we will display it all for you to compare easily.	We can't be as intensive or give a more unique explanation of what the university offers unless you meet with them in person
Usable by most people seeking education without too much trouble.	Others might not trust the reviews of the students since people tend to have different experiences within university.
Opportunities	Threats
Potential partnerships with universities, colleges, online courses.	No current threat as no real competition
Due to everyone being stuck at home, we will be the only option for learning about various universities since 'uni fair's' aren't currently running	A potential competitor could create a mobile application before us

Being the only application that does this in the field, many institutes would benefit from our business	Universities and colleges might not like the honest review system

3   Stakeholder and User Descriptions

< This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed>

3.1   Stakeholder Summary

< There are a number of stakeholders with an interest in the development and not all of them are end users. Describe and list the project stakeholders>

Stakeholder Name	Represents	Role
Project Manager	The project manager represents the direction in which the project will go, they manage the team members and assign tasks based on what the users wish to see within the application.	The role of the project manager is guiding the team members, assigning tasks, and taking in feedback from the users to decide on the future course of the project.
Project Team Members	The team members represent the backbone of the entire project. They will be creating the application themselves and making the vision a reality	Responsible for the back-end and front-end of the website. Gathering information to help with the application process. Deploying parts of the project on a weekly basis for testing.
Users	These will be the people that will mainly use the tools provided by the project. Their satisfaction is our end goal.	The users will test the project, provide us with feedback and tell us how we can improve.

Table 3 Stakeholder Summary

3.2   User Summary

< Present a summary list of all identified users of the system >

User Name	Description	Responsibilities	Stakeholder
Admin	An admin would be the point of contact most people having trouble with the system would reach out to.	The admin would have all the control needed within the website to edit listings, delete reviews, and interact with users.	Project Team Members

Front-end Developer	The Front-end Developer would deal with the design of the website itself. The UI, and the overall user experience.	Their responsibilities would be building the visual side of the website, which is what 99.9% of the users would be looking at.	Project Team Members
Back-end Developer	The Back-end developer is responsible for the database, anytime a listing for a college goes up, a review goes up, or anything it would be through the backbones of the website the back-end developer created.	Their responsibilities would be creating, managing, and deploying the website itself so the consumers may look at it. All the actual data and user inputs being put through would be done by the system created by the back-end developers.	Project Team Members

Table 4 User Summary

4   Stakeholder Requirements

< Categorize and list the requirements from the perspective of the business stakeholder and potential system users >

ID	Requirement	Stakeholder
Business Units	The Business units would be the user stories and experiences within the website. As this would heavily influence whether the project will continue to implement certain features.	Project Manager
Partnerships	Partnerships with colleges, online courses, and Universities would allow for much better longevity for the website and allows us to firmly plant our roots all over the market	Project Manager
Users	The users would be an important requirement as that allows us to quantify our impact on the market, the effectiveness of the product, and how stable the product actually is.	Project team members

Table 5 Stakeholder Requirements

5   System Features

< List and briefly describe the system features. Features are the high-level capabilities of the system that are necessary to deliver benefits to the users. Avoid design. Keep feature descriptions at a general level. Focus on capabilities needed and why (not how)   they should be implemented >

ID	Feature	Stakeholder Requirement ID
Website	The website would be what the users and customers interact with in order to fully utilize our product to the best of it's abilities. It would be considered the house in which we will bring our product to life.	Project Team Members

Cloud	Without the cloud, managing and maintaining all the data that would flow through the website would be too big of a challenge. It will allow us to seamlessly and easily incorporate our product together while ensuring it stays up 24/7	Project Team Members

Table 6 System Features

6   Assumptions

<List all assumptions made about any of the content provided in this document. Assumptions should be applicable to the scope, desired solution, requirements, business process, and stakeholders >

1. At the time of writing, there is 0 competition within the market. Especially in Canada.

2. With Covid in full effect, the world currently needs a product that does what ours does. With it being deployed and ready for testing at a time where many will be looking at their future institutes.

3. Although the application will seek partnerships, it would not give them certain advantages outside of having the displayed more frequently. Any reviews done by students on the website, as long as valid will remain up no matter if negative or positive.

7   Constraints

<List any process constraints, external constraints or other dependencies >

1. Due to the sheer number of colleges and universities, we would first be limited to Ontario but with plenty of room for advancement.

2. Alot of the reviews feature would involve students and alumni to actively participate within the application and provide their input to allow for future students to get the most out of the experience.