Academy

Project Vision Document

Version 2.0

4/1/2020

Revision History

Revision	Date	Author	Reviewed By	Summary of Changes
1.1	10/04/2019	Yuri Kusik	Nathalia Silva	System Features
2.0	04/01/2020	Nathalia Silva	Nathalia Silva	System Features

Document Approval List

Version	Approved By	Signature	Date
2.0	Nathalia Silva	N.S.	04/01/2020

Document Distribution List

Version	Name of the Receiver/Group	Date
2.0	Nathalia Silva	04/01/2020

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1   Introduction

The Academy is a detail focused social media platform intended to be applied in academic, post-secondary institutions. The vision of the project is centered around helping students to maximize their educational experiences by providing subtle and effective guidance and social structure through three main modules which are Team Structuring, Academic Support Network and Extra Curricular Broadcasting.

1.1   Purpose

This document is meant to provide a clear definition of how the project will be designed and executed. The main objective of this document is to provide a solid connection between the abstract goals and the technical manifestation.

1.2   Scope

Scope is defined as the size and goals intended by the project

1.2.1   In Scope
- Deliverables
  - Interactive and user-friendly interface
  - Cross web platform support
  - user profile creation
    - Add and remove Interest

  - News feed
    - Posts
    - Comments
  - Events
    - Add events

- Technologies that will be used:
  - Angular: front-end development
  - Nodejs/express: back-end development
  - Mongodb: database

1.2.2 Out of Scope

Leadership and Team structure definition's will be more abstract, falling outside of the single course scope.

1.3 References

Reference File Name	Version	Description

2   Positioning

2.1   Business Opportunity

Post-secondary institutions lack the ability to effectively manage the logistical weight put on students. The project aims to fill the niche created by this lack of management by providing students with the scheduling and team building support they lack.

2.2   Problem Statement

The Problem of	Socio-logistical weight
affects	Post-Secondary Students
the impact of which is	Reduced Academic and Professional aptitude
a successful solution would be	Managing the Socio-logistical weight through technology

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	Post-Secondary Students
Who	Find it difficult to connect with their peers
The Academy	Is an academic social media platform
That	Manages the socio-logistical weight of post-secondary academia
Unlike	LinkedIn or Facebook
Our product	Focuses on a Student's day to day life and needs

Table 2 Product Position Statement

3   Stakeholder and User Descriptions

The Stakeholders in this project are both Students and Professors in post-secondary establishments. Students often fail courses or drop out of programs due to a lack of inter-personal connectivity with their peers and their institutions. Professors often struggle with low comprehension rates amongst students due to the same lack of inter-personal connectivity. By creating an environment in which these connections are fostered, both Stakeholder parties stand to benefit greatly from implementing the Academy.

3.1   Stakeholder Summary

Stakeholder Name	Represents	Role
Anjana Shah	Course Instructor	Project Manager

Table 3 Stakeholder Summary

3.2   User Summary

User Name	Description	Responsibilities	Stakeholder
Student	Main User	Provides Data to Sensors for Team Structuring	Anjana Shah
Instructor	Course Admin	Provides Data for Academic Support Structure	Anjana Shah
Community Manager	Sys Admin	Manages System Efficacy	Anjana Shah

Table 4 User Summary

4   Stakeholder Requirements

ID	Requirement	Stakeholder
SR1	User friendly and Responsive Application	Yuri Kusik
SR2	Hardware and software resources to design and develop software eg. Photoshop, IDEs etc	Yuri Kusik, Nathalia Silva
SR3	Timeline budget, and sprint set up.	Nathalia Silva

Table 5 Stakeholder Requirements

5   System Features

ID	Feature	Stakeholder Requirement ID
SF1	Profile Creation	SR1
SF2	Add/Remove Interest	SR1
SF3	Questionnaire	SR1
SF4	News feed	SR1
SF5	Posts	SR1
SF6	Comments	SR1
SF7	Events	SR1
SF8	Events - Testing	SR1
SF9	Managing events	SR1
SF10	Delete or suspend user account	SR1

Table 6 System Features

6 Assumptions

Assumptions for this project are as follows:

- All metrics used for Team Structuring or Academic Support have been researched and sourced.
- Members are willing to learn the required resources.
- All stakeholders will follow the plan.
- Developers will abide by rules plotted by the team lead.
- Project plan may change frequently according to advisors and owner's opinion.
- Failure to adapt to changes in adequate time will lead to project delays

7 Constraints

The following represent known project constraints:

- Lack of resources
- Team collaboration over distances
- Learning the required technologies will take time