

Project Proposal

CSCI375

January 29, 2018

Team: BENZ

Introduction

An Idea, is a thought or suggestion as to a possible course of action. Ideas have lead to innovation, progress, and much of our human development through of time. But truly, it is only action that has led us to this point thus far. Unfortunately, we shun down many of our ideas on a daily basis, because we have been nurtured to think that we can not accomplish them, they seem too big for one person to accomplish. For our project, we propose a web-service that allows users to put their ideas into action and create projects witch they lack the necessary skills and/or resources to accomplish on their own. Other users can then pledge contributions to its completion in a number of forms, from money to advanced skill sets.

Document Overview

In this document, we will cover and describe our proposed idea for CSCI 375 brought forward by Team Benz. This proposal will be divided into two main parts, the preliminary proposal and the feasibility analysis and recommendations part. The preliminary proposal, were we introduce the project, by briefly outlining the product, identifying the target audience and identifying the key feature ideas. Followed by a more detailed discussion of the target audience, our projects potential interest to that audience, preliminary features list with prioritization of the core features, additional features that are important but not essential, and less important features. We will then end the preliminary proposal with an outline for our suggested and potential interface.

As for our feasibility analysis and recommendations part, we will provide an analysis on how practical our project is for our team. In which, we will give an overview of the feasibility analysis, that is the feasibility analysis of the technical risks, of the economic risks, of the organizational risks all that are associated with the project and the key features related to these risks. Also we will discuss the cost benefit analysis of the project, and finally a summary of the analysis, and set of recommendations on the scale and scope of such a project.

Preliminary Proposal

Product Name: Make It Work

The product is a web-service that allows users to create and share their ideas and find any necessary skills or resources required to put the idea into action. The idea is thus shared publicly within a university campus, initially on VIU's nanaimo campus, a university campus where skills, ideas, and passion are only 10 minutes apart on a given day. We are currently

focused on connecting students, professors, and the local community surrounding the university with different skill sets and areas of study to allow them to collaborate on projects. The three **key features are**, the ability to share ideas, the ability to help users find the necessary skills and resources to get the idea into action, and the ability of others to contribute to ideas they find interesting and would like to contribute to making it tangible. The primary benefit our project offers to our target audience is the ability to expand their abilities and skills through collaboration, and the secondary benefit of seeing personal projects completed. Core features are, the ability to create and browse projects, the ability to pledge support for projects. Secondary features are, the ability to filter while browsing, the ability to follow a given project, scheduling tools. Bonus features would be, having unified public platform for communication and proper time planning.

Our ideas for a preliminary interface thus far have revolved are website with three main pages. One page, where feature ideas are listed with navigation to a search bar, starting an idea and page of all the ideas with the ability of filtering. Refer to the prototype, in Appendix I.

Feasibility Analysis and Recommendations

In this feasibility analysis we will focus on four sides, the technical analysis, economic analysis, organizational analysis, and cost benefit analysis. Core features are within our ability given time, especially if it is only a prototype. Implementing secondary features may take long, but seem feasible as a group. Bonus features, do not seem feasible at the moment, this will have to be visited back later in the project, after the group has worked together and we have better understood our strength, weaknesses and time affordance. Technical risks include, lack of complete proficiency and experience in system analysis, requirement gathering, very technical web programing. For economic risks, since we do not have to build the actually system of this project, there may be no economic risks. Organizational risks are, not all group members have regular access to the internet which is halt connect everyone at the same time. We only communicate through email, and thus as group members we rely on other members to respond to the emails as soon as possible. Different schedules are limiting the frequency of group meetings. As for the cost benefit analysis, time is the only cost associated with this project. The benefits of this project are the learning and improving skills, and gaining experience.

APPENDIX I

1. Prototype For Interface.



Featured Ideas

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http://makeitwork.csci.viu.ca



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