

# **Project Plan**

## **Future Jobs in Technology for Teenagers**

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# 1. Introduction

## 1.1 Foreword

The purpose of this document is to provide information about the Future Jobs in Technology for Teens informational website project. It will include the project schedules, risks, project team, and the work breakdown structure. This plan will:

General Product Description:

This is an informational website that will provide the 5 future top jobs that will provide a good source of income and production in society.

Identify required resources.

An in-depth analysis and research on jobs that will be in demand. For example, the census bureau sends out projections of top jobs that will exist in a matter of five years from the present year.

Looking into startups that are based in New York and are receiving funding, they probably know a thing or two about the growth of the market.

Observing and looking into future technology from prototypes to actual products that are starting to come out and require input from different industries. For example, 3d printing existed but it was too expensive.

It was not until they started developing the printers for home, which creates a new playing field for product design in the future.

I think that with innovation some traditions may get lost in the process, not entirely but there is some loss.

And it would be great to have a list of careers that teenagers can access so that they do not get hit badly with the job market. While in college they may select a job that at the time had a high job market, however, once they got out there were no jobs.

For example, in architecture there are times when there is a demand for jobs, but once the economy goes down, it is really difficult to find a job. Some students may not have an understanding of how the job market may end up fluctuating as a result of a good or bad economy. However, by providing information on technical fields we can give them a heads up on how successful these jobs are, how the jobs will be, and how they are analyzed for the years to come.

Identify schedules and activities to be performed.

Research Stage:

Comparing popular teen sites and learning about their particular user experience, preferences in website layout, etc.

Actual research on the top five technological professions that will be further defined through the research phase.

Research on possible images that will help illustrate and provide a stronger and visual understanding of key features.

Ideation Stage

Wire frame of the website

Identifying key components of the website.

Understanding the potential navigation of the website.

Defining area for advertisements and what type of advertisements could be included. For example, colleges that have the necessary courses to fill such positions and companies that offer books on those types of courses.

## **1.2 Background**

As old companies fail, more and more technological companies are being created, especially in the digital age. Children of this area and era grow up surrounded by technology and they quickly learn to pick it up. With more and more available information, through technology, and the growth in jobs in the technical fields, I believe teenagers can benefit from an informational website. What the informational website will provide are five top jobs that will exist in 2020.

## **2. Project Organization**

### **2.1 Development Model tc "2.1 Development Model " \ 2**

### **2.2 Project Team tc "2.2 Project Team " \ 2**

The table below lists the members of the Future Jobs in Technology for Teens informational website project team. The project Team consists of Roxanna Munoz and Afroze

Project Team
xxx (Project Management and Development)
xxx (Systems Engineering)
xxx (Developer and Internal Tester)

xxx (Architecture)
xxx (Developer and Internal Tester)
xxx (External Tester)
xxx (External Tester)
xxx (External Tester)
xxx (External Tester)
xxx (External Tester)

## 3. Risk Analysis

### 3.1 Risk Analysis

Risk	Affects	Descriptions
Time Management	Other Projects	My major is heavily project based, it gets a little difficult to manage other especially when all of the five courses are project based.
Coding (CSS)	Not to sure	I'm still having trouble understanding
Photoshop	None really	I know most of Photoshop and I watched the Lynda video but I am still having
Wireframe	Some	Difficult to have a good wireframe for specific user

### 3.2 Risk Analysis (i)

Risk	Probability	Effects
<b>Time management</b>	25%	Loss of sleep
<b>Coding (CSS)</b>	30%	More practice
<b>Photoshop</b>	5%	More googling
<b>Wireframe</b>	5%	Viewing more examples

Group mate	So far 80%	More work for me

### 3.2 Risk Analysis Strategy

Risk	Solution / Mitigation
Time management	I hate to fail or settle for a mediocre project so I will work on it the most during the weekends so that I have time to do my other projects during the week.
Coding (CSS)	Getting down to business, learning the stuff, and actually practicing. Maybe videos and working with trial and error until I succeed will be the solution
Photoshop	Just have to use it to get into it
Wireframe	Observe other websites
Group mate	Push contact on him, email him a lot, but not harass him

## 4. Hardware and Software Requirements

Laptop or desktop, boilerplate, github, Photoshop or Illustrator, command line.

## 5. Schedule and Work Breakdown Structure

Provided at the beginning of this Project sheet

## 6. Market and Design Research

Provided at the beginning of this project sheet

LEAN CANVAS INFO:

Roxanna Munoz  
Afroze Khan  
Web Development  
Website Proposition

### **Problem statement**

As students mature mentally they tend to start thinking more about their future and profession. While embarking on this journey, middle school and high school students might face a constant struggle when deciding on a career path that they wish to pursue . It is because of this struggle that students tend to flip flop later in life between career choices. The question that should be asked is why has choosing a career path become so difficult. Some reasons might be that :

Students don't know what they like

Students don't have up to date information about the possible professions

Students don't know what is going to be in demand down the road

Students don't know where to look

Students might get confused or intimidated by complicated websites

### **Existing Alternatives**

### **Solution**

The solution calls for a student friendly information website concerning future careers 10 to 15 years down the line. The website will cover advancements in science, technology, engineering and math and how these advancements will change the career path of many professions.

### **Unique Value Proposition**

Careers of the Future

Careers of the future will help you get a glimpse of future professions and point you in the right direction.

### **High-Level Concept**

Careers of the Future can be related to a (Wikipedia + UrbanDictionary + Bureau of Labor Statistics) for dummies in a sense.

### **Unfair Advantage**

### **Customer Segments**

The customers or users we would like to mainly focus our attention are young students from the middle school age level to the high school age level. We believe that this is the appropriate target because these might be the most confused or ambitious students.



