MILESTONE 5

Team Name: College Crusaders
Members: Joey Pucciarelli, Jim Jenkins, Taylor Jesse, Toshal Ghimire, Dale Peffer, Nolawee Mengist
Github Repository Link: https://github.com/TaylorJesse/CSCI3308CollegeCrusaders

Standup Meeting Summary:
- **Here is a link to our standup meeting:**
  https://drive.google.com/file/d/0B6ulEz46DpJ7WVNxQzhCWjN3SEE/view?usp=sharing
- **Taylor Jesse**
  a. **What work did I complete this week?**
     ■ This past week I worked with the team to get a remote server setup for our application. We successfully did this via Digital Ocean on the following IP: 138.68.44.187. Now we can access our database on any computer. I also created and linked the domain name "collegecrusaders.tk" to our server.
  b. **What work do I plan to get done next week?**
     ■ Hopefully next week, along with other group members, I can help connect the database to our website using php. This will include embedding php within some of the html (i.e. the drop down menus etc.)
  c. **What road blocks (if any) is in the way of getting my work done?**
     ■ Since we are basically connecting all the pieces in this task, we need to collaborate together to ensure the linking process will go smoothly. Also, it seems like compared to other groups, we're working on more platforms instead of just one unified one which is making the linking process a little more complicated.
- **Jim Jenkins**
  a. **What work did I complete this week?** This week I worked with Nolawee on the product website. I added the logo that I drew in Adobe Illustrator to the site. I also added the about and debt calculator page and started linking the pages together.
  b. **What work do I plan to get done next week?** This week, I would like to get together with Nolawee and refine some of the work we've been doing. We are still missing some elements of the site. I also would like to help the backend team with linking the database to the site.
  c. **What road blocks (if any) is in the way of getting my work done?** Me and Nolawee have very different schedules so the primary roadblock is getting together.
- **Toshal Ghimire**
  a. **What work did I complete this week?**
     I worked on the retrospect, we evaluated our trello board and our github page and figured out what we missed and figured out what we have yet to do.
  b. **What work do I plan to get done next week?**
     I hope to help with anything that my group needs that is under my skill set. I will also help with the stand up and retrospective document.
  c. **What road blocks (if any) is in the way of getting my work done?**
     Do not have any experience with html or any experience creating servers or how to link them to our database. Communication between the groups would help because I don't know exactly what phase we are within the project. More stand up meetings so everyone can be on the same page.
- **Joey Pucciarelli**

       a. **What work did I complete this week?**

This week I met with the backend group and tried to help set up the server with the team. During this time, I also helped work on the slide for our one minute presentation. I worked on Market Analysis with Nolawee, which included the target market, profile of competitors, and our competitive advantage.

       b. **What work do I plan to get done next week?**

Next week I hope to help with connecting the database to our website and work to find more available times for our group to meet.

       c. **What road blocks (if any) is in the way of getting my work done?**

We need to be able to communicate clearly with both the frontend and backend groups in order to connect the website and the database to get our application working. We also need to be able to meet with the other members of the group about the final parts of our project.

- **Dale Peffer**
  - a. **What work did I complete this week?**

This week, I created a digital ocean server in order to host our website and our SQL database. I pushed the SQL database to the server from my local machine using SSH file transfer protocol. I also worked with Taylor to convert the html website files to php. After that I pushed the '.php' files that are necessary for the website

  - b. **What work do I plan to get done next week?**

In the next week, I plan to integrate the sql database and the data with the drop-down menu and the debt calculator. I need to convert the salaries into integers from strings so that the debt calculator can do the appropriate math.

  - c. **What road blocks (if any) is in the way of getting my work done?**

Along with everyone, the fact that people are so busy during the weeks makes it hard to find the right time to meet and tell each other how the best way to collaborate.

- **Nolawee Mengist**
  - a. **What work did I complete this week?**

    I worked on the basic frontend for the website and implemented Bootstrap and jQuery onto the page. I also helped with the market analysis for the last milestone

  - b. **What work do I plan to get done next week?**

    Getting the database hooked up to the website so we aren't hard coding data. I need to clean up my code quite a bit. Especially as far as CSS is concerned

  - c. **What road blocks (if any) is in the way of getting my work done?**

    Just being able to meet with the members of the frontend team. Since we all have busy schedules between work, school and binge drinking sometimes scheduling can be rather difficult.

Demo to Client
- Here is a link to our demo video:
  https://drive.google.com/file/d/0B6uIEz46DpJ7cEE4TTBLakVhQkk/view?usp=sharing
- **SCREENSHOT 1:**

College Crusaders   Debt Calculator   About

Welcome! This site is designed to help students easily learn about which college majors are in high demand.

Simply choose a college, then select a major and hit Go!

College   Select ▾

Majors   Select ▾

Go!

- **SCREENSHOT 2:**

College Crusaders   Debt Calculator   About

Use this calculator to learn how long it will take to pay off your student debt.

College: Select ▾

Major: Select ▾

$ | Projected Debt | .oo | Calculate

Retrospective

Here is a link to our Retrospective video:
https://drive.google.com/file/d/0B6ulEz46DpJ7WHBWS1prajR2am8/view?usp=sharing

What worked well for us?

For user requirements, finding the average salary and starting salary of their majors, will go smoothly after the database is linked. When the debt calculator is implemented we will be able to give the users a timeframe on how long it would take to pay off the student debt, if there is any. Our minute presentation in class also went well, we thought we had expressed everything that our product was capable of doing in a short and quick minute. We were also able to successfully integrate both the front end and back end groups together. Another success we had was learning. Without knowing php, our members were able to learn it all in a day via google, which was needed to get our website up and running.

What did not work well for us?

Our goals for this sprint cycle ended up being a double edge sword. In this iteration we set a lot more goals then what we were capable of handling in the timeframe. We ended up finishing most of it, but there was still a handful that were not. Some of the goals that were not met was, the hire rate, as well as the unemployment rate. Because we had to rush to get a functional site going, our code for the site ended up being sloppy and rushed, which we will improve upon on the next iteration.

What actions can we take to improve our process going forward?

We need to have an open schedule and more commitment to group meetings. We need to be able to find times to meet to talk about what we are doing and what we have done in order to figure out what we need to do for the future. Everyone is getting their personal parts of the project done, but the connecting of the frontend and backend groups has been difficult. More stand up meetings would help with this because it will inform everyone on where we stand on the project and where we need to go. The goals we choose to set for each iteration can be improved upon too. We were not able to accomplish all the goals we set out to do because we did not fully understand our time limitations for the cycle. In the future, we will set realistic goal that we can work to accomplish for each iteration rather than setting all goals we wish to have in the end. It was brought up that the code that the frontend group wrote was sloppy and could be improved. This is something we must improve by adding the necessary comments and descriptions of what is going on in the code. We can also make it look better by adding more white space and keeping it consistent. These are the major things we noticed that we could improve for our next iteration.

What are some new ideas for thee next iteration?

First, we'll start with the things that are functionally required for our website to work. We need to convert the salary in the database from strings to ints in order for our calculator to work. This can be done by changing the database itself or adding a PHP function in to do this. We also need to integrate our database with the website for our website to provide to desired information. Secondly, we have optional things we can add in to improve on our website. We can add in the hire rate and unemployment rate for each major to give more information about the major to the user. We can also beef up our website by adding our vision statement and more details about us. These things aren't necessary for the website to work correctly, but they will make the website look and feel better for the users.

.