**CS4753 Class Project – Milestone 1 (of 4)**

Assigned: September 5, 2016

Due Date: Submit on collab by 11:55pm on September 19, 2016

Weight: 6% of final course grade

(Note: Milestone 2 is worth 8% of the final course grade and will be due October 5. Milestone 3 will be worth 10% of the final course grade and will be due October 31. Milestone 4 will be worth 11% of your final course grade and will be due November 30).

For the first milestone of the class project, you will be focusing exclusively on what is considered *front end* work. Front end work is related to display and design – what the user actually sees, or the interface with which the user uses your application. *Look and feel* are very important for this assignment. Below are the grading criteria for this project (out of 100 points total).

Grading Criteria

|  |  |
| --- | --- |
| CRITERIA | POINTS |
| Create a business idea that represents a plausible commercial venture. Give consideration to ideas that fall within the sweet spot of eCommerce (buying and selling bits). You will be responsible for appropriately describing the **Unique Selling Proposition** of your business idea on your ‘About Us’ webpage. This will involve describing the benefits to the user, components that make this business unique, advantages over competitors, etc. | 20 |
| Choose a web template that is clean and appropriate for an eCommerce site (some are overly artistic, cluttered, unprofessional). Here are three good sources:   * + <http://www.opendesigns.org/website-templates/>   + <http://html5up.net>   + <http://getbootstrap.com> | 10 |
| Generate a home page for your business. This is essentially a walking billboard of your business. It should include relevant images and very little text. The text/bullet points that are included should summarize the functionalities and benefits of your business. This is the most important page of your website as it is the first landing point for potential customers. If they don’t like the page for any reason, they will cease exploration of your site. Therefore, we will be especially scrutinizing your design choices, layout, etc. This page must look clean and professional. This page must also include a link or button to the ‘About Us’ page. | 30 |
| Create an ‘About Us’ page for your business. This is a page where you can describe your business in full (what you do, what benefits you provide, how you might help people, what values your company might stand for). Look at the top section of <https://www.motifinvesting.com/about> which includes a message from the CEO as a good example. This page must include a ‘Purchase’ or ‘Sign Up Now’ button, but this button does not have to do anything yet. | 25 |
| Both pages should include an identical top navigation bar (for styling consistency and ease of site navigation). See the top row of <https://www.robinhood.com> for a good example. Your navigation bar must allow users to travel to any page clicked. For now, it must include ‘Home’, ‘About Us’ and a ‘Sign Up’ link, although the ‘Sign Up’ link does not have to link to anything functional. | 5 |
| Remove extraneous template material. Most templates might come with more than two pages. You **must** remove all unneeded links/buttons/hyperlinks are removed (or commented out) so that any navigation on **your** website will not lead to one of the generic template pages. This will show us that you spent appropriate time familiarizing yourself with the template’s code and structure, as well as customizing it to your own needs. | 5 |
| Create a logo, slogan, or some unique identifier for your business. If a logo, it should be seen on every page to reinforce your brand. If a slogan, you might want to elaborate on why you chose that slogan, or its deeper meaning in your ‘About Us’ page. | 5 |
| TOTAL | 100 |

**Class Policies:**

**Late Policy:** You will incur a 10-point late penalty for each day late that you submit your project. After 5 late days, no submissions will be accepted.

**Submission Policy**: You will be submitting a .zip file of your project code to Collab under the correct assignment page. Groups will be required to sign up for in-person demos for each assignment, in which they will display their current progress to the TAs. On your honor, you agree to demo the exact code you submitted on collab.

**Demo Policy:** If you miss your scheduled demo appointment (disregarding emergency situations and extreme circumstances) you will incur a 5-point penalty on your milestone grade.