**Personal-Webpage**

**Documentation**

Member Names:

Bryan Shebeck

Start Date: September 9th, 2016

End Date: Winter, 2016

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# Introduction

This Personal-Webpage documentation is to show my abilities to write software documentation and follow Software Life-Cycle Model. The software life-cycle model approach taken for this project will be a modified Waterfall Life-Cycle method. The modified waterfall method was created in 1970’s, and it is standard waterfall method with modification that allows you to back track and correct errors in previous steps like the Iterative-and-Incremental life-cycle model. This will allow the application to be constructed piece-by-piece rather than through multiple versions, and in addition allows the team members to go back a step and fix an error and then move back to the current step and update before moving on the next step. Under each task will be documentation for that web page as well as model diagram, copy of the code, and the final diagram. The change log will have task number section to direct to which page I worked on that day, and a short explanation of what I did. I am a full time student, therefore the time table set for this project is the winter of 2016, but that is not a definitive date. I will have a scratch pad note section in the back of this document for small notes personally for me, as well as reminders for myself. Also as a disclaimer, I am the client as well as the programmer for this project. I am attempting to make the language very clear and separate without mixing into too much unnecessary personal language into the document.

# Goal:

Main goal of this application is to show off my online resume along with personal skills and abilities that were developed over my time at the University of West Florida. Side goals are continuous development of skills and abilities, learning new functions of HTML5 and CSS, enjoying the process, learning about bootstrap, and Satisfactory feeling of completion when the application is completed.

# Change Log:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Change Number | Date | Name | Task Number | Explanation | Number of Hours |
| 1 | 9/9/2016 | Bryan Shebeck | Introduction | Creation of Document | 3 |
| 2 | 9/9/2016 | Bryan Shebeck | 1 | HomePage Mockup 1.0 | 1 |
| 3 | 9/12/16 | Bryan Shebeck | Introduction | Updated Constraints and Life-Cycle Model | 3 |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |

# Background Experience:

* Bryan Shebeck – Proficient in Microsoft Office. Informal experience in MySQL, HTML5, CSS, JS, and Java computing languages. Informal experience as a computer technician, and tutor for MySQL.

# Software Life-Cycle Model:

The software life-cycle model approach taken for this project will be a modified Waterfall Life-Cycle method. This will allow the application to be constructed piece-by-piece rather than through multiple versions, and in addition allows the team members to go back a step and fix an error and then move back to the current step and update before moving on the next step. Also this will allow each stage to be analyzed more than once and so that nothing is missed in decision for less errors to be found later on.

# Application Domain:

The domain for this application is in the personal webpage. The application will be used to promote client’s abilities in the computer science field and show proof of abilities as well.

# Client’s Requirements:

Application Name: Personal-Webpage

Application Overview: Develop a webpage that can display personal resume along with personal skills and abilities.

Data that needs to be tracked: Number of views of the application.

Front End Software: Client requires a complex website that can be used on any of the top five browsers. Using HTML, CSS, JavaScript.

Backend Software: A MySQL database will be created to store addition information. Cold Fusion will also be used for sever side programming in conjunction with the MySQL database.

Hardware: Client would like the application to run on top five browsers. Also the clients want the application to be compatible for smart phones and tablets in addition to desktops and laptops.

Features: Client needs to be able to have clear, crispy and attractive application. Application must be responsive to all 4 different device types.

Budget: The budget for this project is $100.00.

File/Folders: - Main Folder

1. Html
2. CSS
3. Js
4. Cold Fusion

# Client Constraints:

## Functional Constraints:

1. Webpages must work for five most popular web browsers
   1. Chrome 50
   2. Firefox 45
   3. Internet Explorer 11 and Edge
   4. Safari 9
   5. Opera 36
2. Responsive Webpage

## Nonfunctional Constraints:

1. Must work on mobile devices.
2. Must not exceed the $100.00 budget.

# Business Model:

Person-Webpage is an online resume to show off skills and abilities that have been developed at the University of West Florida but also through hard work and effort sacrificed at the dispense of personal time. This application will be developed with HTML5, CSS, JS, and with ColdFusion. This application has a budget of one hundred dollars. The applications target audience is recruiting agencies and possible employers.

# Milestones:

|  |  |  |
| --- | --- | --- |
| Millstones: | Estimated Completion Date: | Completion Date: |
| “HomePage” Completion | 9/30/2016 |  |
| “About Me” page Completion | 10/15/2016 |  |
| “Resume” page Completion | 10/31/2016 |  |
| “Projects” page Completion | 11/16/2016 |  |
| “Contact Me” page Completion | 12/01/2016 |  |
| “Additional Information” page Completion | 12/10/2016 |  |
| End of Test User Cases | 12/20/2016 |  |

# Task One: Home Page

# Schedule and Budget Summary:

## Schedule:

* “HomePage” Completion - September 30th, 2016
* “About Me” page Completion - October 15th, 2016
* “Resume” page Completion - October 31th, 2016
* “Projects” page Completion – November 1st, 2016
* “Contact Me” page Completion – November 16th, 2016
* “Additional Information” page Completion – December 5th, 2016
* End of Test User Cases – December 20th, 2016

## Budget:

* Domain Name: $20.00
* Hosting: $80.00 Yearly
* Total Budget: $100.00

# Estimate Plan (Cost and Duration):

* Cost: Cost of the entire project should be around $2,000.00. This includes the price of the server and setup and then includes the salaries for developers.
* Duration: This is a very simple project and should take no longer than a couple of weeks to complete.

# Demand Forecast:

* Staffing Level: 1 developers
* Types of Developers: Developers with the knowledge of JS, CSS, and HTML. Along with Cold Fusion knowledge for server side programming.
* Duration: Total of 20 hours a week will be needed to work on this project. Project is fairly difficult to complete by one person and will take several weeks to complete.

# Tools:

Atom

Bootstrap

MockFlow

GitHub

TheNewBoston

Adobe Color

Google Analytics

# Glossary:

Modified Waterfall Life-Cycle Method

# Scratch Pad:

9/9/16 - Add the user test cases as you go along, pick out a color scheme soon, Finish building a GitHub repository, think of better name then Personal-Webpage

9/10/16 – GitHub is built, and looking into bootstrap tutorial on TheNewBoston, and Gitter.

9/12/16 – Update – Color scheme is work in progress. Don’t need Gitter as of right now. Documentation still needs work, and so does GitHub page. Once documentation is set up and same for GitHub, then I will start homepage.

# References

[1]"MockFlow - Online Wireframe Tool and Design Cloud", *Mockflow.com*, 2016. [Online]. Available: https://mockflow.com/index.jsp. [Accessed: 09- Sep- 2016].

[2] B. Roberts, "Bootstrap Tutorials for Beginners Playlist - YouTube", Youtube.com, 2016. [Online]. Available: https://www.youtube.com/playlist?list=PL6gx4Cwl9DGBPw1sFodruZUPheWVKchlM. [Accessed: 12- Sep- 2016].