**Get Lit, Get Fit**

**Project Management Plan**

**CEN 3031, Fall, 2018**

**Modification history:**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Who | Comment |
| v1.0 | 10/15/2018 | Group | Mapped out what the application will have. Three different screens were also created to start the design process. We added more shall statements to further define our program. |
| ... |  |  |  |

**Team Name:** Syntacky

**Team Members:**

* Hannah Andrews: [handrews0101@eagle.fgcu.edu](mailto:handrews0101@eagle.fgcu.edu)
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**Project Overview**

This software program is a desktop application that will aid in ones fitness journey. The application will allow the user to track their nutritional information, along with giving them example diets that they can follow. The system will also have different diet types such as vegan, or paleo to accommodate those with a different diet regimen. The system will also allow the user to track their workouts and have a number of workouts to follow according to their goals (ie. lose weight, gain weight, gain muscle, ect.). Each plan will be customized by the users sex, weight, and height. The system takes multiple factors into account when aiding in the users weight-loss journey including things such as water intake, different foods, and even weekly progress pictures. The user will receive either daily or weekly motivational quotes and also a weekly summary of their progress to show how they are progressing in the program

**Applicable Standards**

* Coding Standard <This is required: include link. The goal of a coding standard is to make maintenance easier. What is the minimal acceptable standard for code on your project? Include such things as required documentation, naming conventions, etc. >

**Project Team Organization**

<include a short description of your organization and any organizational issues (a paragraph will usually suffice). Things to includes are:

* The group is comprised of Hannah Andrews, Cody Buckley, Freddy Curiel, Zechariah Dominguez, and Reiner. Hannah is taking on the role of project manager and will also be working on the front end of things. She is responsible for creating a schedule for the group for meeting times and such and making sure the interface is working properly. Cody is a flexible group member, he will work wherever help is necessary and had a wide range of knowledge to accompany that. Freddy is working on the back end of things and making sure that things are being integrated smoothly and working together. Zech is working on the back end of things along with Freddy and will also be working to make sure things are meshing smoothly. Reiner will be working with Hannah on the front end of things and making sure that things are done on time to make sure the project is getting done on time. We will be working in a series of 3 sprints to ensure everything is being integrated correctly. We are communicating before and after classes, as well as on GroupMe to ensure the group dynamic is good and things are being well communicated.

**Timeline**

<fill in the table ***\*\* Please resist setting these due dates as the ones given from the course; spend time with your group coming up with a plan for each task and deliverable \*\**** >

|  |  |  |
| --- | --- | --- |
| ***Artifact*** | ***Due Dates*** *<some will have multiple deliveries>* | ***Team member(s) responsible*** |
| Meeting Minutes | Every meeting | Hannah Andrews |
| Project Plan (document) | 10/15 | Group |
| SRS (document) | 10/15 | Group |
| Prototype | 10/20 | Group |
| Design | 10/25 | Reiner Escalona, Hannah Andrews |
| Test Results | 11/10 | Cody Buckley |
| User's Manual (document) | 11/18 | Zechariah Dominguez, Cody Buckley |
| Source, Executable, Build Instructions | 11/20 | Freddy Curiel , Reiner Escalona |
| Presentation 1 | 10/25 | Hannah Andrews |
| Presentation 2 | TBD | Hannah Andrews |

**Software Life Cycle Process**

We will be focusing mainly on the waterfall model. We are using this model because we are going back and forth with the sprints and so we are looking at going back and forth with the stages. We also think this model will work best because it is easy to prioritize tasks and good for small to medium sized projects. It has structure which is also useful in this case.

**Tools and Computing Environment**

We will be using Java and SceneBuilder

**Configuration Management**

Cody Buckley will be handling version control since he is being the flex person, it will be the easiest for him to do it since he will have the most knowledge on both sides. Github will be used and a previous version will always be saved as a backup so incase of a catastrophe, there is another version saved sans catastrophe.

**Quality Assurance**

<What QA activities will your group do and when will each activity occur? ... Who is responsible for making sure this occurs? How will the results be reported?>

Zechariah will be responsible for quality assurance, he will be working on backend so he will make sure that everything is working well with the front end. On the front end, Reiner will be making sure that everything from the backend is working on the front end seamlessly with the backend. GitHub will again be used to have a previous version to make sure that if something is messed up, it can be easily fixed based on a previous version.

Template created by G. Walton ([GWalton@mail.ucf.edu](mailto:GWalton@mail.ucf.edu)) on Aug 30, 1999 and last updated Aug 15, 2000, modified by A. Koufakou Aug. 2014

This page last modified by Hannah Andrews ([handrews0101@eagle.fgcu.edu](mailto:handrews0101@eagle.fgcu.edu)) on October 16, 2018