



GET FIT PAL

SPMP GROUP 5 PROJECT

Kyle Abrahams
Brandon Bankston
Dylan Kelly
Shannon Kelly
Gurmilán Sangha
Uyen Tang

1. Introduction

1.1 Project Overview

- The Get Fit Pal website will consist of a forums section where experts from fields like nutrition, sports, and health will have the ability to make their own forums to share their knowledge; the Google Maps Api will be used to track nearby gym locations; a game will be developed so young teens can partake in fun exercises to boost their knowledge about health along with sports.
- Congress has acknowledged the vital need of youth athletic programs from a recent study led by the U.S. Department of Education. Due to this finding, This website will be tailored to teens who are seeking knowledge on nutrition, exercise, and health because teens are the future of our society

1.2 Project Deliverables

- The WordPress site will be delivered and maintained on the PaaS provider stellar from namecheap
- Clients can expect to access the recipe web application by early may

1.3 Evolution of the SPMP

1.3.1 Managing Change

Currently the main features of the Get Fit Pal web application will be the quiz game and the blog. There are several other key features such as having a comment section where athletes can discuss forums or their experience with the quiz game(s). After these main features are accomplished within a few weeks, the goal would be to test user flow of the get fit pal web app and make sure no use case is missing from the user flow that would prevent a user from having the best experience.

2. Managerial Process

2.1 Management Objectives and Priorities

- The Philosophy is that the team should be responsible and commit to daily tasks as each feature is built for the Get Fit Pal site.

- No money will be spent besides from purchasing a domain name from NameCheap and possibly other plugins

2.2 Assumptions, Dependencies and Constraints

2.2.1 Assumptions

- Assume word press will have required plugins
- Assume nameCheap will register domain name and host server
- Assume nameCheap will handle DNS and domain setup

2.2.2 Dependencies

- Depended on WordPress plugin system
- Depended on plugin updates
- Depended on reCAPTCHA bot filtering

2.2.3 Constraints

- WordPress
- nameCheap
- Linux servers
- WordPress PHP
- SQL databases

2.3 Risk Management

- Size of the project
 - As deadline, gets closer focus on perfecting main features of recipe web app instead of adding more features to recipe web app so it can be easily deployed to production with high satisfaction from our clients
- Complexity of the Project
 - As requirements multiply, organize them in hierarchical manner and separate into non-functional and functional requirements and make sure that requirements at the top of the hierarchy are accomplished first
- Client Acceptance
 - If Client does not like the developed prototype we will ask for a deeper review from the client and request desired use cases that the client may desire. Then on

the next release to production, we will accomplish what clients request provided it is feasible for our budget and time.

3. Technical Process

3.1.1 Methods

- Users will be able to make an account to
- Will provide version control to keep development stable

3.1.2 Tools

- WordPress
- mySQL
- Git & Github
- JavaScript
- WPForms Lite (Plugin) - 1.6.6
- WP Data Access (Plugin) - 4.2.1
- WP Code (Plugin) - 2.5
- W3 Total Cache (Plugin) - 0.13.2
- User Submitted Posts (Plugin) - 202110212
- User Registration (Plugin) - 1.9.5
- Skyboot Custom (Plugin) - 1.0.3
- Loginizer (Plugin) - 1.6.6
- Icyclub (Plugin) - 1.7.5
- Custom CSS and JavaScript (Plugin) - 2.0.11

3.2 Justification of Software Process

- The team is becoming more experienced with wordpress, wordpress plugins, mysql, and javascript, git and github already and is comfortable using these technologies. SQL was chosen because it is scalable enough for the project needs. And lastly, git and github is what the developer finds most easy to use for version control.

The software process that the team will be using will be agile and not waterfall. The reason for this is because we are on a tight schedule and have limited time to release a good product. We need to make sure that features are being built through continuous integration and continuous employment on a weekly basis so that features being added to our application are stable and have good user flow for our consumers. Consumers would also be able to see small features being added slowly and test the Get Fit Pal app's user flow - another benefit.

4. Description of Work Packages

4.1 Work Breakdown Structures (WBS)

