Software Project Management Plan

Project Name: Splendid

Date:3/25/2021

Name: Daniel Akoto

Software Project Management Plan

# Project Summary

|  |  |
| --- | --- |
| Project Name | Splendid |
| Customer Name | Daniel Akoto |
| Project Leader | Daniel Akoto |
| Project Start Date | Feb 15, 2021 |
| Project End Date | May 6, 202021 |
| Project Type  (Development, Feasibility) | Development |
| Platform | Web |

## Project Objectives and Scope

Make a stunning website to showcase my lo-fi beats and other lo-fi beats from Spotify and apple music that lo-fi lovers would want to listen to all-in-one place. Make sure that the website works and check for errors.

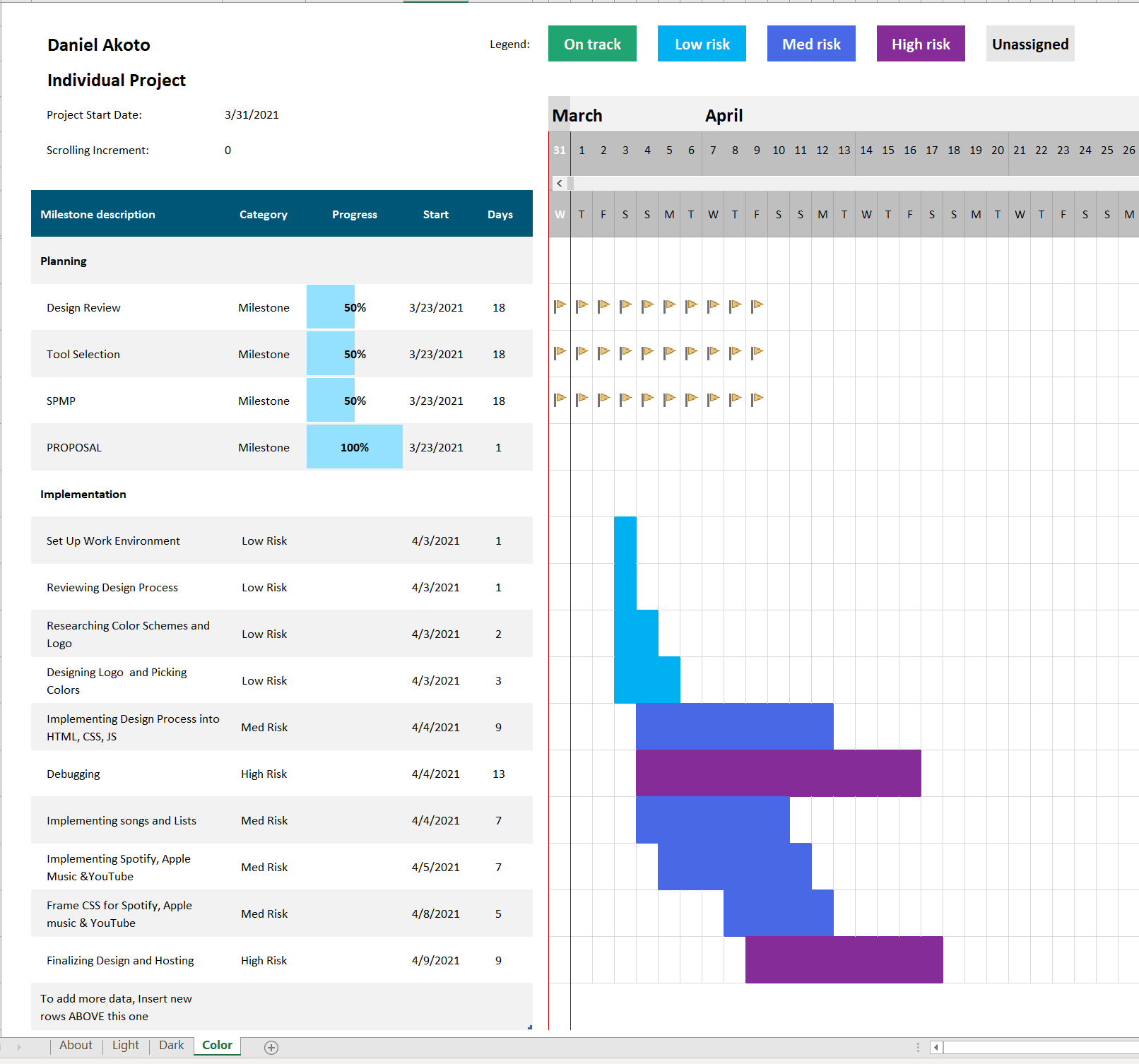
## Abbreviations and Definitions

SPMP – Software Project Management Plan

VS – Visual Studio

Js – JavaScript

Lofi - A type of non-lyrical\* music that contains origins and influences from Boom-Bap/ New York Underground instrumentals, 1960's and 1070's jazz samples, and electronic music. – Urban Dictionary



# Project Planning

## Standard Process Followed

We will use the Agile process. In this process, I am the customer so I will have to set dates where I must approve of my own work and complete tasks step by step. Each step will be marked off as the stages are completed. The plan will be updated to reflect any changes in the process.

In this way I don’t rush to finish the project and miss details that I outlined in the beginning of the project. Development stages (Req., Design, Code) may only be changed by me and delivery date can only be changed by Prof. Broadwater. Alternatively, low priority features may be dropped to achieve a deadline i.e. (share button, live chat), with approval from Daniel Akoto.

## Estimated Size and Effort

The size of the project must be less than 20GB because the host only allows 20GB of usage on the website. The cost of the project will be around $20 for the domain and the host for the website.

## Work Breakdown Structure

|  |  |
| --- | --- |
| **Task** | **Time Estimate** |
| Setting up work environment on VS Code  (node.js, npm start, live server, .ejs files, etc) | Day 1 |
| Reviewing Design Process | Day 1 |
| Researching Color Schemes and Logo | Day 1 - 2 |
| Designing Logo and Picking Colors | Day 1 - 3 |
| Implementing Design Process into HTML, CSS, JS  (Background, format of page, etc) | Day 2 - 14 |
| Debugging/CSS | Day 2 - 14 |
| Implementing songs and Lists | Day 2 - 6 |
| Implementing Spotify, Apple Music &YouTube | Day 3 - 7 |
| Frame CSS for Spotify, Apple music & YouTube | Day 6 - 8 |
| Finalizing Design | Day 7 - 15 |
| Total | 15 Days |

## Development Environment

### Hardware

|  |  |
| --- | --- |
| Hardware Requirement | Date Required |
| Computer (Windows, 8GB free storage) | Beginning |
| Mouse | Beginning |
| Keyboard | Beginning |
| Monitor | Beginning |

### Software and Tools

|  |  |
| --- | --- |
| Software/Tool Requirement | Date Required |
| Visual Studio Code | 4/1/2021 |
| Live Server | 4/1/2021 |
| CSS | 4/1/2021 |
| HTML | 4/1/2021 |
| Js | 4/1/2021 |
| Command Line | 4/1/2021 |
| cPanel | 4/7/2021 |
| NameCheap | 4/7/2021 |
| Digital Ocean | 4/7/2021 |

# Project Tracking

## Measurement Plan

|  |  |
| --- | --- |
| Metric to be Collected | Unit of Measurement |
| Size | Gigabytes |
| Effort | Person hours |
| Schedule | Elapsed Time |

# Project Team

## Project Responsibility

|  |  |
| --- | --- |
| Name | Role(s) |
| Daniel Akoto | Project Manager  Developer  Ui/Ux Manager  Quality Assurance |

## Roles & Responsibilities

Project Manager

* Prepares Software Project Management Plan, including schedule.
* Maintains Gantt Chart

Quality Assurance Manager

* Develops Software Configuration Management Plan
* Develops Closure Report and Process Database at end of project.
* Ensures that inspections occur for all deliverables according to SPMP.

Developer

* Participates in Requirements, Design phases
* Develops and unit tests code for a specific area of the project.
* Prepares and/or participates in Integration test, System test including completing Test Reports, Defect Reports
* Participates in inspections.

Ui/Ux Manager

* Maintain Quality of functionality of website.
* Create Visually pleasing Ui for users.
* Research and select colors and create a feeling for website.

**References**

Example of Software Project Mgmt Plan(SPMP) :

<http://portal.unimap.edu.my/portal/page/portal30/Lecture%20Notes/KEJURUTERAAN_KOMPUTER/Semester%202%20Sidang%20Akademik%2020112012/EKT420%20Software%20Engineering/Example%20of%20Software%20Project%20Mgmt%20Plan(SPMP)>

Simple Gantt Chart

<https://templates.office.com/en-us/simple-gantt-chart-tm16400962>