



WORLD RECIPE SOFTWARE PROJECT MANAGEMENT PLAN

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World Recipe App

Revision History

Date	Revision
02/05/2021	Topic proposal submitted
03/19/2021	SPMP created

Preface

Are you tired of eating outside every day? Are you tired of eating same thing every day? Try out our World Recipe app which can help you to make different types of food from different countries and will provide you with recipes and its nutrition's.

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Table of Contents

Revision History	1
Preface	1
Introduction.....	3
1.1 Project overview	3
1.2 Project Deliverables	3
1.3 Evolution of the SPMP	3
1.4 Reference Materials	3
Project organization.....	4
2.1 Process model.....	4
2.2 Organizational Structure.....	4
2.3 Project Responsibilities	4
Managerial Process	5
3.1 Management Objectives and Priorities	5
3.2 Assumptions, Dependencies and Constraints.....	5
3.3 Monitoring and controlling mechanisms.....	5
3.4 Staffing plan.....	5
Technical process.....	6
4.1 methods, tools and Techniques	6
4.2 Software Documentation.....	6
4.3 project Support Functions.....	6
Work elements	
5.1 Work Breakdown Structure (WNS).....	
5.2 Gantt Chart.....	

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Introduction

1.1 Project Overview

The Software Project Management Plan for COSC 412 Individual Project outlines the goals of the project to include deliverables and project schedule.

The world recipe App will deliver a proper recipe of the food around the world that user searches along with steps and nutrition's of the food itself.

1.2 Project Deliverables

Deliverable	Due Date
Topic proposal	02/05/2021
Design Review Mtg	03/31/2021
Tool Selection review	03/31/2021
SPMP	03/31/2021
System Test Plan	04/24/2021
Milestone Review per Schedule	04/24/2021
Final presentation	05/11/2021

1.3 Evolution of the SPMP

I will try to update every new feature. Even now I have very few functionalities, I am trying to imply which are not working the way I intended. I have everything saved on my local GitHub repository. If I end up making more changes or adding new features, I will keep a log changes made for my own benefit.

1.4 References

<https://github.com>

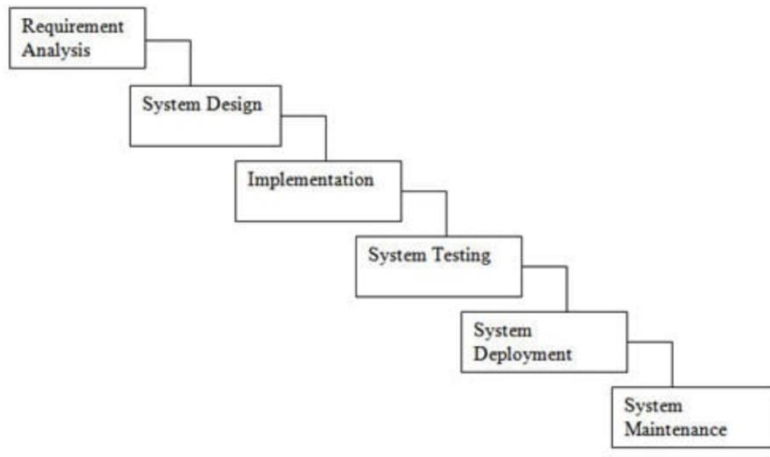
<https://reactjs.org/>

Project Organization

2.1 Software Process Model

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The only way the website can break is when it gets flooded with more requests than it can handle. The waterfall model fits perfectly for this.



2.2 Organizational Structure

2.3 Project Responsibilities

Everything is handled by Anil Gurung.

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Managerial Process

3.1 Management Objective and Priorities

I am planning on spending 5-8 hours every week on this project. Firstly, I need to learn and get better understanding of all the language and framework that I intended to use for this project.

3.2 Assumptions, Dependencies and Constraints

Assumptions

1. Features will be integrated as they are developed and approved for production.
2. A functional prototype will be delivered upon project close.

Dependencies

1. The project will be depending on the server selected being available.

Constraints

1. Lack of experience with framework (react).
2. Restricted timeframe for development and delivery of product.

3.3 Monitoring and Controlling Mechanisms

I will be using GitHub to monitor and manage the project.

3.4 Staffing Plan

Anil Gurung is the only person working on this project.

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Technical Process

4.1 Methods, Tools and Techniques

Frontend: React.js

Backend: Node.js

Styling: CSS, Bootstrap

Hosting: Heroku

Version Control: Git

Repo: GitHub

4.2 Software Documentation

The software will be documented as it is developed. The documentation will include enough information to allow a user to understand the system and its functionalities.

4.3 Project Support functions

Quality Assurance

- Weekly review of the website to make sure everything is working.
- Check if the websites work in all platform.
- Make sure to fix bugs before deployment.

Configuration Management Plan

Verification and Validation plan

- Make sure to record all changes made on Revision History.
- Make sure all plugins work after every new update.

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