

# Software Project Management Plan

## For

### 2204 – IT Development

### Team: Recipe Gods

September 28, 2021

Version 1

#### **Team Members**

**(Names, Titles, and Roles of project team members)**

Ian McConaghy - lead designer, technical expert, full-time member of Recipe App project. Ian will work on writing the technical documentation of the project, invent the bleeding-edge design of our application.

Michael Kashkov - lead back-end designer, inventor of app features, full-time member of Recipe App project. Michael will work on feature design and back-end app structure

# 1 INTRODUCTION

## 1.1 Project Overview

Our project team developed and conducted a survey among our classmates and their family members of each participant to reach the conclusion of which app has the best potential on the Canadian market and what services our local community needs that could be satisfied by features of our application. We concluded that Recipe App would be our perfect choice to practice Native React coding, meet the expectations of our code expert and teacher - Mr. Xing Liu and potential customers.

For our project we are choosing to code a mobile recipes app for users to be able to view, create and share their favorites with other users. Our application will allow users to create a library of all of their recipes in the convenience of their phones.

## 1.2 Goals and Objectives

Goals:

- Authorization with Google Authenticator
- View recipes from all user
- Full CRUD functionality for Recipes
- Help share different ethnic backgrounds with the art of food
- Write a review for other user's recipes

Objectives by next week:

- Design planning
- Prep coding workspace

## 2 START PLAN

### 2.1 Team Organization

Ian:

- Designer and Writing specialist

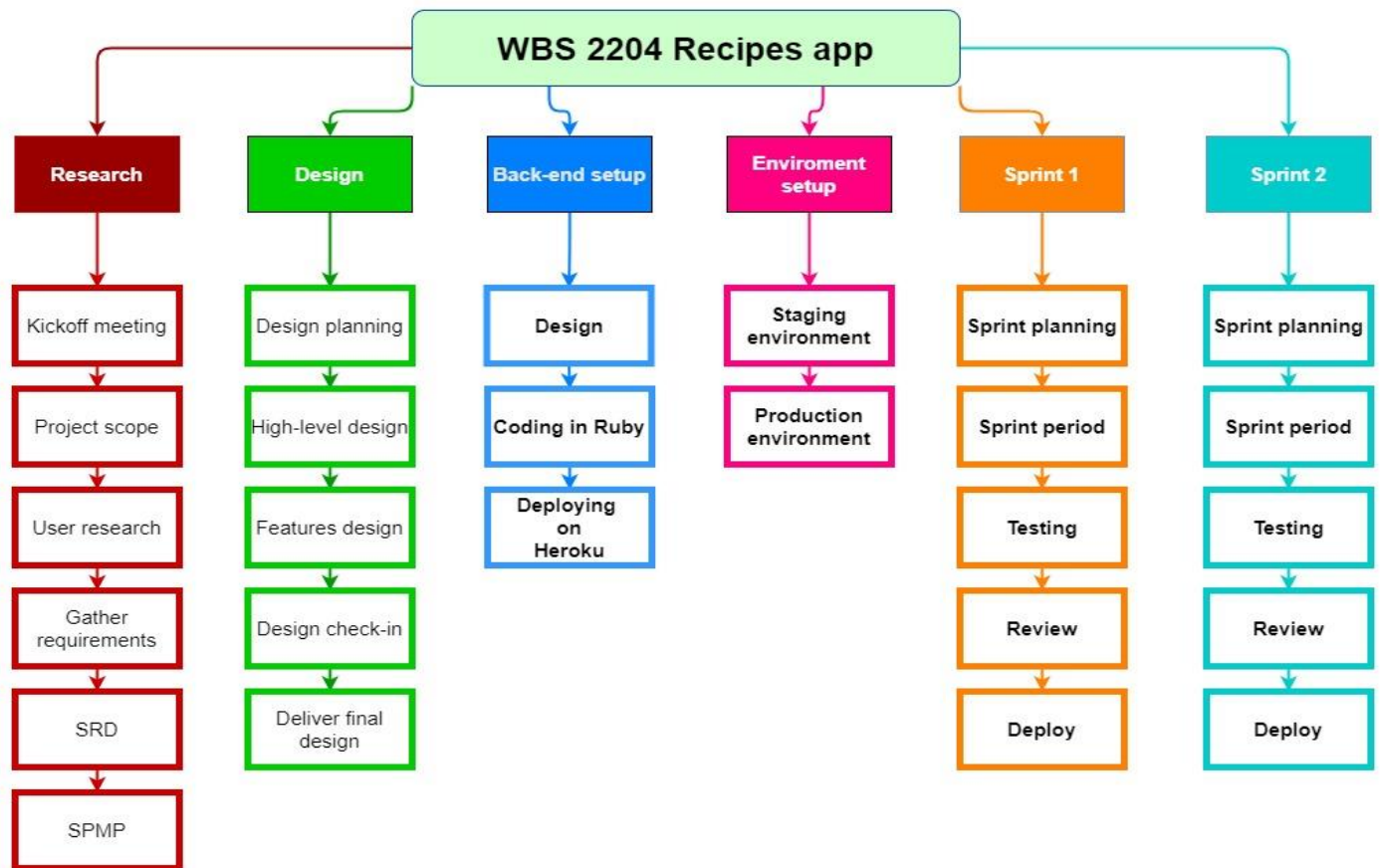
Michael

- Developer and back-end specialist

### 2.2 Development Tool Selection

## 3 WORK PLAN

### 3.1 Project Tasks WBS (for High-resolution documents see GitHub data folder)



### 3.2 Team Member Responsibilities

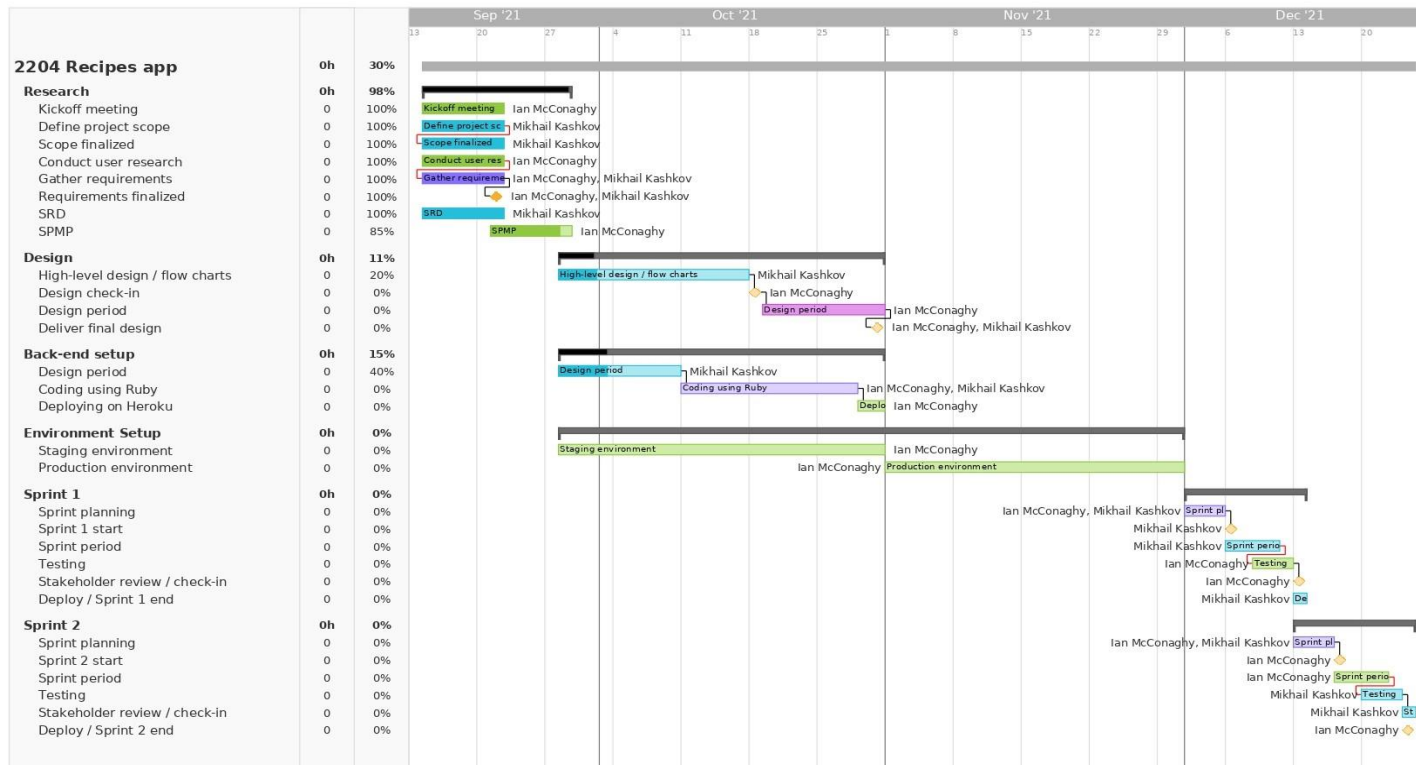
Ian:

- Kickoff Meeting
- Conduct User Research
- Gather Requirements
- SRD and SPMP
- Design and Workflow
- Design period
- Coding with Ruby
- Staging Environment
- Production Environment
- Sprint Planning
- Deploy to Heroku / Sprint 2 End

Michael:

- Define Project Scope
- Scope Finalized
- Gather Requirements
- SRD and SPMP
- Design and Workflow
- Design period
- Coding with Ruby
- Sprint planning
- Sprint 1 Start
- Sprint 1 period
- Testing
- Stakeholder review / check in

### 3.3 Gantt Chart (for High-resolution documents see GitHub data folder)



	A	B	C	D	E	F	G	H
1	WBS #	Name / Title	Type	Start Date	End Date	Percent Complete	Resources	Predecessors
2	1	2204 Recipes app	project	9/14/2021	12/23/2021	29.57		
3	1.1	Research	group	9/14/2021	9/28/2021	97.91		
4	1.1.1	Kickoff meeting	task	9/14/2021	9/21/2021	100	Ian McConaghy	
5	1.1.2	Define project scope	task	9/14/2021	9/21/2021	100	Mikhail Kashkov	
6	1.1.3	Scope finalized	task	9/14/2021	9/21/2021	100	Mikhail Kashkov	1.1.2
7	1.1.4	Conduct user research	task	9/14/2021	9/21/2021	100	Ian McConaghy	
8	1.1.5	Gather requirements	task	9/14/2021	9/21/2021	100	Ian McConaghy, Mikhail Kashkov	1.1.4
9	1.1.6	Requirements finalized	milestone	9/21/2021	9/21/2021	100	Ian McConaghy, Mikhail Kashkov	1.1.5
10	1.1.7	SRD	task	9/14/2021	9/21/2021	100	Mikhail Kashkov	
11	1.1.8	SPMP	task	9/21/2021	9/28/2021	85	Ian McConaghy	
12	1.2	Design	group	9/28/2021	10/29/2021	11.2		
13	1.2.1	High-level design / flow charts	task	9/28/2021	10/15/2021	20	Mikhail Kashkov	
14	1.2.2	Design check-in	milestone	10/18/2021	10/18/2021	0	Ian McConaghy	1.2.1
15	1.2.3	Design period	task	10/19/2021	10/29/2021	0	Ian McConaghy	1.2.2
16	1.2.4	Deliver final design	milestone	10/29/2021	10/29/2021	0	Ian McConaghy, Mikhail Kashkov	1.2.3
17	1.3	Back-end setup	group	9/28/2021	10/29/2021	15		
18	1.3.1	Design period	task	9/28/2021	10/8/2021	40	Mikhail Kashkov	
19	1.3.2	Coding using Ruby	task	10/11/2021	10/27/2021	0	Ian McConaghy, Mikhail Kashkov	1.3.1
20	1.3.3	Deploying on Heroku	task	10/28/2021	10/29/2021	0	Ian McConaghy	1.3.2
21	1.4	Environment Setup	group	9/28/2021	11/30/2021	0		
22	1.4.1	Staging environment	task	9/28/2021	10/29/2021	0	Ian McConaghy	
23	1.4.2	Production environment	task	11/1/2021	11/30/2021	0	Ian McConaghy	
24	1.5	Sprint 1	group	12/1/2021	12/13/2021	0		
25	1.5.1	Sprint planning	task	12/1/2021	12/3/2021	0	Ian McConaghy, Mikhail Kashkov	
26	1.5.2	Sprint 1 start	milestone	12/6/2021	12/6/2021	0	Mikhail Kashkov	1.5.1
27	1.5.3	Sprint period	task	12/6/2021	12/9/2021	0	Mikhail Kashkov	
28	1.5.4	Testing	task	12/8/2021	12/10/2021	0	Ian McConaghy	1.5.3
29	1.5.5	Stakeholder review / check-in	milestone	12/13/2021	12/13/2021	0	Ian McConaghy	1.5.4
30	1.5.6	Deploy / Sprint 1 end	task	12/13/2021	12/13/2021	0	Mikhail Kashkov	
31	1.6	Sprint 2	group	12/13/2021	12/23/2021	0		
32	1.6.1	Sprint planning	task	12/13/2021	12/15/2021	0	Ian McConaghy, Mikhail Kashkov	
33	1.6.2	Sprint 2 start	milestone	12/16/2021	12/16/2021	0	Ian McConaghy	1.6.1
34	1.6.3	Sprint period	task	12/16/2021	12/21/2021	0	Ian McConaghy	
35	1.6.4	Testing	task	12/20/2021	12/22/2021	0	Mikhail Kashkov	1.6.3
36	1.6.5	Stakeholder review / check-in	task	12/23/2021	12/23/2021	0	Mikhail Kashkov	1.6.4
37	1.6.6	Deploy / Sprint 2 end	milestone	12/23/2021	12/23/2021	0	Ian McConaghy	

## 4 PROJECT DELIVERABLES

## 4.1 Project Report

These are the main milestones of the project; however, we will break each milestone into smaller achievable tasks for each 2-week Milestones.

- Milestone 1: Research (+SRD +SPMP) - 2 Weeks - Done
- Milestone 2: Design - 1 – 2 Weeks
- Milestone 3: Back-end setup - 2Weeks
- Milestone 4: Environment Setup - 2 Weeks
- Milestone 5: Sprint 1 - 3 Weeks
- Milestone 6: Sprint 2 - 3 Weeks

6 Milestones = **14 Weeks** Total for project

## 4.2 Software

- Visual Studio
  - o React Native
  - o RAILS API
- Windows Laptop
- Apple Laptop
- Heroku
- GitHub

## 4.2 User Guide

### Table of contents

1. User rights and agreements
2. Introduction
3. How to use our application
4. Troubleshooting application
5. Contact Us

## User rights and agreements

Welcome, and thank you for using our Recipe application by Recipe Gods. Creating an account with us is the will of your own. Creation of this app gives us full access to all information used in the creation and duration of application use. I acknowledge that I (Name) understand the given terms above and all information I post within the app is public to the whole network of other recipe users and I cannot claim copyright.

## **Introduction**

Welcome to Recipe Gods, we as a team thank you for trusting us with your meal plans. Our goal is to expand the ethnic diversity of the food world. With covid still rampant in so many cities across the world we hope that even though you may not be able to have dinner guest and share food, that you will be able to spread the joy of your recipes to others globally. We want to provide users with unique recipe application that also adds the elements of social media. This application will allow users to rate each other's recipes as well as be in contact with the original recipe owner.

## **How to use our application**

1. Sign Up & Accept user term and agreements
2. Create, Search, Update or Delete a recipe
3. If you used another individual's recipe, give a rating/review
4. Enjoy

## **Troubleshooting application**

1. Check your network connection
2. Log out and Log in again
3. Check notifications to ensure that no server maintenance is on going
4. If server is running, feel free to contact our team for additional help

## Contact us

Recipe Gods

Email: [recipe.gods.team@gmail.com](mailto:recipe.gods.team@gmail.com)

Phone: 1-800-123-GODS

## Revision History

Version	Date	Name	Description
1	Sep 28, 2021	Michael & Ian	Initial Document