

CSCI 380 Dessert App Project Charter

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Version 2.4

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Section 1 Project Overview

This document is based on the User Management System Rough Order of Magnitude Estimates. *The project is intended to be a Scrumfall project and key decisions are subject to change. We will regularly re-evaluate the situation and adjust estimates and strategy as needed.*

Problem Statement

We were tasked with creating an Android application by the end of the semester with at least one prominent feature. We all like dessert and would appreciate an app that could take the ingredients we have in our kitchen and give us a dessert recipe made with those ingredients.

Currently, would-be dessert makers have the following problems:

- They must search the internet or cookbooks for a recipe, only to find that one might not exist for the ingredients they have.
- They might want to make a dessert, but don't have a recipe.

Project Goals and Objectives

- To create a minimum viable product: an Android application that can search for recipes within the app based on ingredients inputted by the user.

Project Scope

Project Includes

- Creating an Android application
- Adding at least one recipe each for the cookies, cakes, and crepes categories
- Including a search recipe feature

Project Excludes

- Ingredient searching recipes from the entire internet
- Dessert categories other than cookies, cakes, and crepes

Critical Success Factors

- A project manager and assistant project manager (who will also help with coding)
- 2 android developers dedicated to creating the app

Constraints

- Work must be finished by the end of the semester presentations on May 8, 2019
- Work on this project must be balanced along with work for each of the group members' other classes

Financials

Cost of the Project

We estimate the following labor costs (that won't actually be paid to the students who are doing this as a school project for free):

Position	Cost (7 weeks)
Project Manager	\$3,150.00
Deputy Project Manager	\$3,150.00
Developer #1	\$3,150.00
Developer #2	\$3,150.00
Overtime costs	N/A
Total	\$12,600.00

Notes:

- \$3,150 assumes: $\$45/\text{hr} * 10\text{hr}/\text{week} * 7\text{ weeks}$

Project Savings

Developing this project in-school allows us for the following potential savings:

- \$12,600.00 because we don't pay students for doing their schoolwork

Section 2 Project MILESTONES

The project will be developed over the course of the next 7 weeks in the semester.

Phase I

- Create the basic Android app and house it on GitHub

Phase II

- Create the various app screens based on the "wireframes" drawn in class

Phase III

- Create a menu, search feature, and add the recipes

Phase IV

- Implement design features that matches the applications aesthetics

Major Project Milestones

- 3/20 - Begin research into implementing search features for Android
- 4/3 - Have the app code on GitHub with the basic pages created
- 4/17 - Implement the search feature, recipes, menu and functionality
- 5/1 - Quality assurance testing

Section 3 Project ORGANIZATIONS

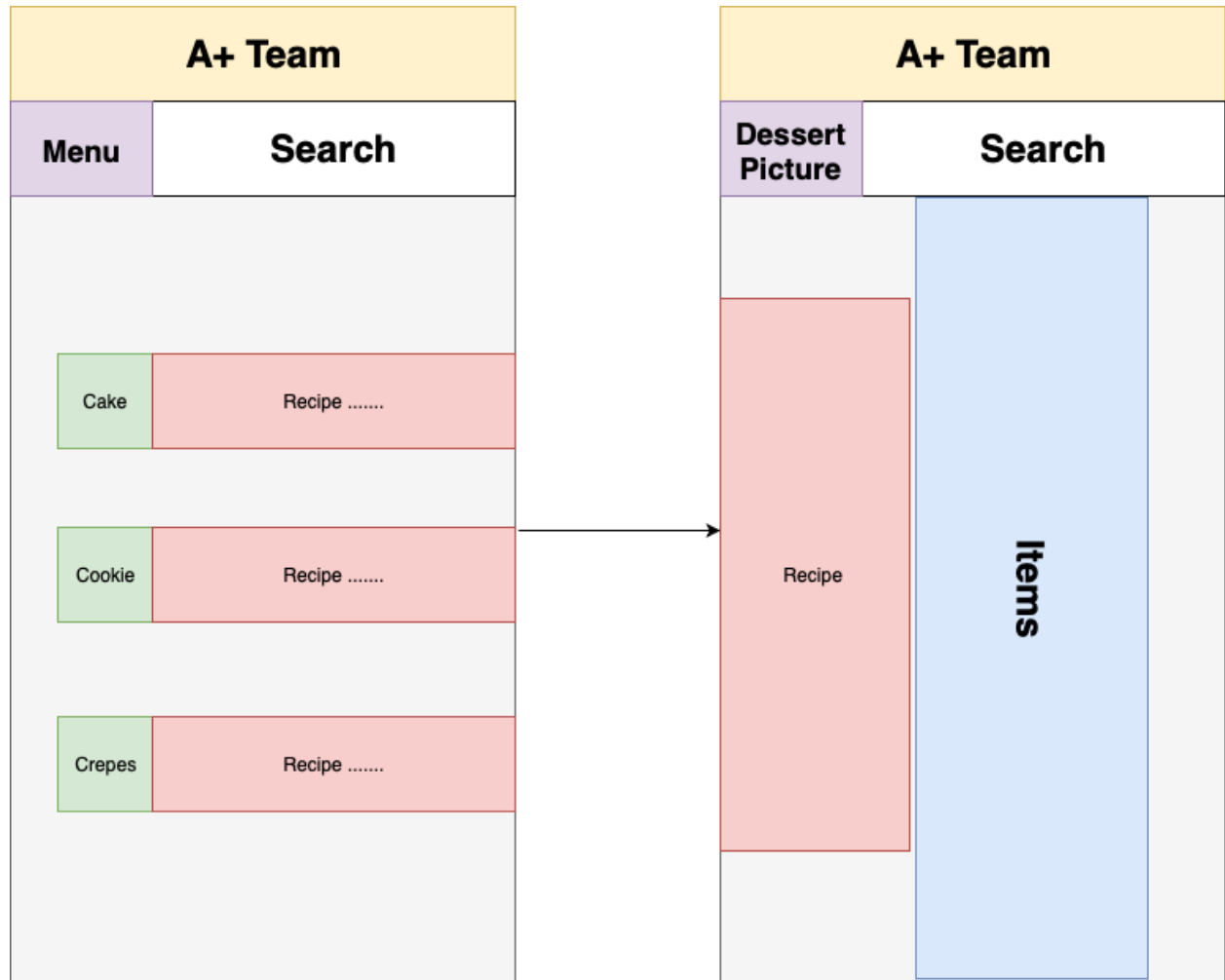
Roles and Responsibilities

Roles	Name
Project Manager	Ryan Fazal
Deputy Project Manager	Necko Bailey
Developer #1	Jeremy Dreyer
Developer #2	Leeba Erlbaum
Developer #3	Theressa Lalanne

Task Responsibilities

Task	Person
Initial Project Build	Jeremy Dreyer
Search Feature Implementation	Theressa Lalanne
Page Build-Out	Leeba Erlbaum/Jeremy Dreyer
Recipe Pages	Leeba Erlbaum
Design Code	Ryan Fazal
Functionality Testing	Necko Bailey / Ryan Fazal
Quality Assurance Testing	Necko Bailey

Initial Wireframes



Changelog

Version	Date	Name	Description
1.0	3/6/2019	Leeba Erlbaum	Initial Draft
2.0	3/19/2019	Leeba Erlbaum	First Complete Draft of the Charter
2.1	3/19/2019	Ryan Fazal	Addition of Initial Wireframes
2.2	3/20/2019	Ryan Fazal	Edited Initial Wireframes
2.3	3/24/2019	Ryan Fazal	Edited Roles and Responsibilities
2.4	3/25/2019	Ryan Fazal	Edited Phases