

PRO211   
SPRING SEMESTER  
2019

SIP  
Pitch

**ReciPlease**

Stephen R Ouellette

Advancing Computer Science – Software Programming

PROJECT PROPOSAL

**ReciPlease**

The title is a play on words ReciPlease, Recipes and Please/ease. Because it will be the creation of Recipes that Please with ease.

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**PROJECT DESCRIPTION**

This application is a recipe and shopping list creation program. It will enable the user to create and share recipes without a network requirement. Users will be able to share their recipes via QR codes and create meal lists from their recipe storage. Once a user has a meal list, they will be able to generate a shopping list of concatenated information from the meals list.

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**USAGE SCENARIO**

Users will be able to utilize all features of this program in a non-network environment. There will be no need for network connections to create, modify, share, and store recipes with this application.

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**STUDENT ROLE**

  

I am the sole role for this program, I will be programming, and creating assets for this program.

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**EVALUATION CRITERIA**

Not entirely sure what is supposed to go here. My best guess is how will I know when this program is completed? Or what is the definition of success with this application. If that is the case, all functions to include Creation of Recipes, Creation of Meal lists, Creation of Shopping lists, and sharing/storing of data would all need to function perfectly.

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**INTENDED METHODOLOGY, DATA & MATERIAL**

I will be utilizing the C++ Programming language, and Visual Studio 2017 for my IDE. I will utilize Stack Overflow, CPlusPlus, and YouTube for references and any questions or barriers I may run into. I also have the Teachers here at UAT available to assist with any concerns or issues I may run into.

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**PROJECT OBJECTIVES**

1. Planning – In this phase I will be laying out how I would like the program to look.
2. Program Plan – In this phase I will be writing sudo code for the application operation.
3. Engine Creation – In this phase I will be coding and setting up the engine in which the application will be run in.
4. Implementing Features – At this point in the production I will begin coding and testing the main features of the application.
5. User Testing – Once features are implemented I will begin user testing to find bugs and/or get user input on the overall accessibility and capability of the program.
6. Program Corrections – After user testing, I will then fix bugs and or user found problems and concerns.
7. Polishing – In this phase I will begin polishing the application, adding in icons, images, refactors if necessary, and prepare the product for release (completion)
8. Release – Release the first public iteration of the program.

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**EXPECTED OUTCOMES**

My personal expected outcome is to have a polished fully usable recipe application for mobile phones. I expect to meet all deadlines and have a deliverable by December 2019. Program features are as follows, Recipe Storage, Recipe Sharing, Recipe Creation, Meal List Creation, Meal List Storage, Shopping List Creation, Shopping List Storage.

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