Scrum-Diddly-Umptious.com

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Capstone proposal

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## Summary

Imagine a website where users can browse recipes that they would actually want to try. Someone who is allergic to gluten would only see gluten-free recipes. A vegan wouldn’t have to see recipes that have meat or dairy in them. Now image that we expand this website so that users can search based on combined cost of ingredients or prep time. What if this website could even give you tips of what to do if someone over-adds an ingredient? Welcome to Scrum-Diddly-Umptious.com.

This website could have quite the variety of users. Professional cooks could use it either to showcase some of their recipes or to get ideas of dishes they could try. A parent of a child recently diagnosed with a food allergy can find a variety of recipes to make sure their kid stays well fed. College students could use the website to find cheap food ideas so that they are not eating ramen every night. The user base is essentially anyone who cooks or would like to cook a meal. The potential for this website is enormous.

## Target Users

College Students

Families

Professional Chefs

Aspiring Chefs

Bachelors

Newly Weds

## Project Backlog

1. As a user, I want to search recipes so that I can easily find what I am looking for.
   1. User receives results that are accurate to what they searched.
   2. User can click on results in order to see the actual recipe.
2. As a user, I want to browse recipes so that if I have no idea what I want I can look for something that just looks interesting.
   1. User can select a category to browse.
   2. User can see recipes that fit into that category.
3. As a user, I want to save my favorite recipes so that I can easily find them again.
   1. When a user saves a recipe, they have a way of easily finding it later.
   2. User is notified when a recipe has been saved.
   3. User has a way to remove recipes from favorites.
   4. User can click on favorite recipe and it will be displayed.
4. As a user, I want to see a rating on recipes so that I have an idea of how good a recipe is according to other users.
   1. When a user rates a recipe, they are notified what they rated it as.
   2. A user has the ability to change their rating.
   3. Other users can see the overall rating of the recipe.
5. As a user, I want to see a back-up plan if I over-add an ingredient so that if I mess up I know I won’t have to start over and the recipe will still taste nice.
   1. User can view back-up options to fix a recipe if they over-add an ingredient.
6. As a user, I want to be able to find recipes that I can prepare in advance and just throw in the oven before dinner so that I have more flexibility for preparing recipes.
   1. User can search recipes that can be prepared ahead of time.
   2. Browse sections has an option so that users can browse recipes that can be prepared ahead of time.
7. As a user, I want to be able to use this site on an android so that I can use this application on the go.
   1. Site has a RESTful web service backing it.
   2. An Android application exists for this web service that does basic functions of the site.
8. As a user, I want to be able to follow other users so that I can see new recipes that they post.
   1. User has an option to follow other users.
   2. When a user posts a new recipe or updates an old one, any users following that user will be notified.

## Two Week Plan

Week 1 User Stories

* As a user, I want to post recipes so that others can see recipes I have come up with.
  + A user is given a way to post their recipe.
  + User is notified when their recipe is uploaded.
  + Users can see the new recipe.
* As a user, I want to see recipes so that I can view a recipe that I want to try.
  + A list of recipes are shown.
  + User can click on a recipe title.
  + The details for that recipe are displayed.
* As a user, I want to be able to delete my recipes so that I have the option to take my recipe down.
  + If a user chooses to delete a recipe, that recipe is removed from the site.
  + Users that have saved this recipe as a favorite can no longer see the recipe.
  + The user is warned that the recipe will be removed.
  + The user is notified when the recipe has been deleted.
* As a user, I want to be able to edit my recipes so that I can update a recipe if I find a way to make it better.
  + A user has an option to edit a recipe.
  + The user is notified when the updated recipe is saved.
  + The changes to the recipe are there when the recipe is viewed.

Week 2 User Stories

* As a user, I want to be able to sign up so that I can do more for this site.
  + User is able to make a user profile.
  + User is notified that they have a profile.
  + User can then log into the site.
* As a user, I want to log into the site so that I can personalize my experience.
  + User is given options to do other things on the site (make recipes and change them as they see fit, favorite recipes, follow other users, rate recipes, save food preferences, ect.)
* As a user, I want to specify my food preferences so that I only see recipes that can satisfy my personal diet needs.
  + User can specify food preferences (vegan, gluten-free, ect.)
  + Recipes that are shown only follow the food preferences.