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 college student, I want to search recipes by the cost of combined ingredients so that I can easily find a recipe that I can try on a budget.
   1. A user receives results that match the price they searched.
   2. A user can click on results in order to see the actual recipe.
2. As an aspiring chef, I want to search recipes based on common ingredients so that I can see how a few ingredients can make so many different meals.
   1. A User receives results where most of the ingredients match what was searched.
   2. A user can click on results in order to see the actual recipe.
3. As a newly-wed, I want to search recipes based on how long it will take to prepare it so that I can make something new quickly so that I have more time for other things.
   1. A user receives results where the prep time match what they searched.
   2. A user can click on results in order to see the actual recipe.
4. As a bachelor, 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. A user can select a category to browse.
   2. A user can see recipes that fit into that category.
5. As a mother of 2, I want to save my favorite recipes so that I can easily find recipes that my kids like.
   1. When a user saves a recipe, they have a way of easily finding it later.
   2. A user is notified when a recipe has been saved.
   3. A user has a way to remove recipes from favorites.
   4. A user can click on favorite recipe and it will be displayed.
6. As a professional chef, I want to see a rating on recipes so I can find recipes that people enjoy.
   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.
7. As a bachelor, I want to see a back-up plan if I over-add an ingredient so that if I mess up I know that the recipe is still edible.
   1. A user can view back-up options to fix a recipe if something goes wrong.
8. As a family man, 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 can have family dinner ready shortly after I’m home from work.
   1. A user can search recipes that can be prepared ahead of time.
   2. The browse sections has an option so that users can browse recipes that can be prepared ahead of time.
9. As a college student, I want to be able to use this site on an android so that I can use this application at my friend’s apartment.
   1. The site has a RESTful web service backing it.
   2. An Android application exists for this web service that does basic functions of the site.
10. As an aspiring chef, I want to be able to follow other users so that I can see new recipes from my favorite chefs.
    1. A 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.
11. User Profile.

## Two Week Plan

Week 1 User Stories

* As a professional chef, I want to post recipes so that others can use my ideas and expand on them.
  + A user is given a way to post their recipe.
  + A user is notified when their recipe is uploaded.
  + A 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.
  + A user can click on a recipe title.
  + The details for that recipe are displayed.
* As an aspiring chef, I want to be able to delete my recipes so that if I get the chance to serve that recipe to a restaurant, people cannot copy my work.
  + 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.
  + A user is warned that the recipe will be removed.
  + A user is notified when the recipe has been deleted.
  + That recipe is no longer displayed on the site.
* As a professional chef, 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.
  + A 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 on this site.
  + A user is able to make a user profile.
  + A user is notified that they have a profile.
  + A user can then log into the site.
* As a college student, I want to log into the site so that I can personalize my experience.
  + A user can log into the site.
  + A user can view their profile.
  + A user can view options to do other things on the site (make recipes and change them as they see fit, view favorite recipes, follow other users, rate recipes, save food preferences, etc.)
* As a mother, I want to specify my food preferences so that I only see recipes that I can make for my child that was just diagnosed with a food allergy.
  + A user can specify food preferences (vegan, gluten-free, etc.)
  + Recipes that are shown only follow the food preferences.