Web Apps Project Specifications

Product Backlog - list of functionality for your project
- Grocery Trip Calendar
  - Using Google Calendar API
  - Users will be able to create Google calendar events to schedule grocery trips with other users.
- Login Mechanism
  - Google OAuth authentication for user login
- Recipes
  - Users can share created recipes with other users
  - Rating recipes other users have posted onto the "Recipe Book"
  - Bookmarking recipes other users have created into personal recipes
- User Dashboard
  - Make personal grocery list
  - View bookmarked recipes from personal recipes
- Cooking Challenges
  - Eg. earn a badge if you have cooked 5+ meals in a week

Sprint 1 Backlog - list of functionality and who implements it
- Google OAuth authentication for user login
  - Ritika
- Research React/Bootstrap (for Frontend UI)
  - Serena
- Framework for Website
  - Michelle
  - Different pages (HTML)
    - CSS post-HTML functionality
  - Models, Recipe Form (Django)
- Google Calendar API
  - Erin

Sprint 1 Product Owner: Michelle Heo (mheo)

Sprint 2 Backlog
- Improve UI for web app using Bootstrap (Michelle)
- Bookmarking recipes/displaying bookmarks on dashboard (Serena)
- Editing user's own recipes (Serena)
- Grocery List (Ritika)
  - Added model for grocery items
- Scheduling grocery events using Google Calendar (Erin)

Sprint 2 Product Owner: Serena Yip (serenayi)

Data Model
- User Profile
  - Recipes created
  - Meals cooked (this week)
  - ManyToManyField of Recipes (Recipe Book)
- Recipes (ModelForm)
  - User
  - Ingredients
  - Tags for Allergens/Diet
  - Steps
  - Average Rating (from all users who rated it)
  - Picture
- Reviews (ModelForm)
  - Rating (out of 5)
  - Picture
  - User
- Grocery Item
  - Text
  - Quantity
  - Units (i.e. pounds)
  - Complete (boolean)
  - User
- CreateEvent (for Google Calendar)
  - Summary
  - User
  - Location
  - Date
    - Start
    - End
  - Attendees
  - Event link

Wireframes/HTML Mock-Ups - drawing / HTML
- Recipe Book
  - Global stream of all the shared recipes from every user
  - Filter dropdown of tags (allergens/dietary requirements) for the recipes
  - Per recipe
    - Average rating (stars)

- - ■ Pictures of recreations
- New Recipe Page
- Personal Dashboard
  - ○ Bookmarked recipes
  - ○ Personal recipes
  - ○ Google Calendar
- Other user Profiles
  - ○ See the recipes they posted

Michelle Heo

User Since: 10/24/2024

Favorite Recipes

| lasagna | lasagna | lasagna |

my recipes   my calendar

User Dashboard

Recipe Book

	lasagna ★★★
	meat · gluten · dairy

Michelle Heo

lasagna ★★★
dinner · easy · one-pot

Michelle Heo

lasagna ★★★
dinner · easy · one-pot

Michelle Heo

Recipe Book

My Recipes   View All

New Recipe

Ingredients + Quantity:

- Ground Beef (1 lb)
- Pasta sheets (10)
- Pasta sauce (100g)

Input Steps:

- Boil pasta sheets for 10 min
- Cook ground beef
- Layer pasta sheet, sauce, beef

Tags

Gluten free

Vegan

Vegetarian

Easy

One-pot

Recipes

my calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	Dec 1	2	3	4	5
6	7	8 7:23pm Your Friend /	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	Jan 1	2

Events shown in time zone: Eastern Time - New York

Google Calendar

create event

📅 10/25/2024

🕐 11:00 AM

📍 giant eagle

Calendar