


Certified Data Boys: Requirements Presentation

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Project Overview

Our Product



Recipe Buddy is a modern recipe sharing website intended to facilitate connections between our users with food and culinary arts. It creates a personalized experience for the user, showcases popular and trending recipes, and creates a community through various recipe sharing services.

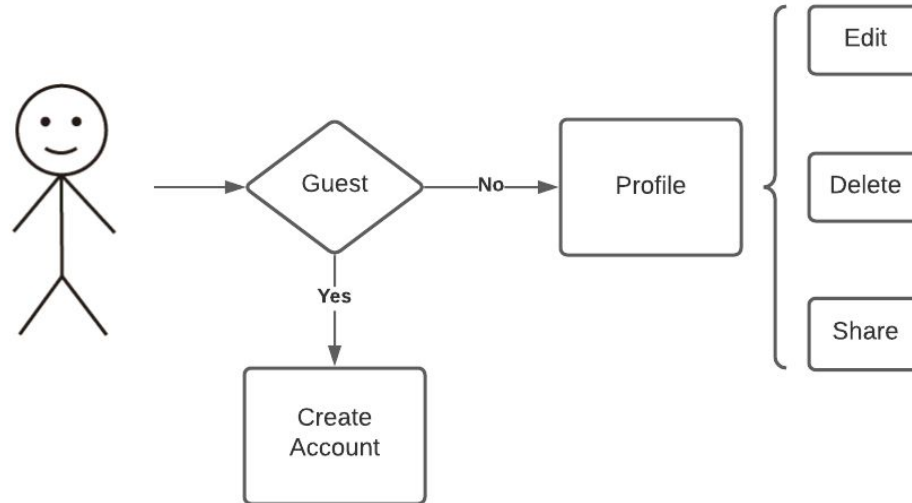
Requirements

Recipe

Recipe Creation

- Edit various elements of the recipe
 - Ingredients
 - Time
 - Temperature
 - Pictures
 - Videos
 - Instructions

- Delete the selected recipe
- Share the selected recipe
 - Private sharing
 - Public sharing




Recipe Creation



Critical Level	High
Dependency	N/A
Estimated Time	1 week ~ 2 weeks
Developers	Matthew Sprague, Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Recipe Creation Mockups



[Home](#) | [Profile](#) | [New Recipe](#)

New Recipe

Title

Ingredients

[+ Add Ingredient](#)

Instructions

[+ Add Step](#)

Cook Time

Active Time

Yeild

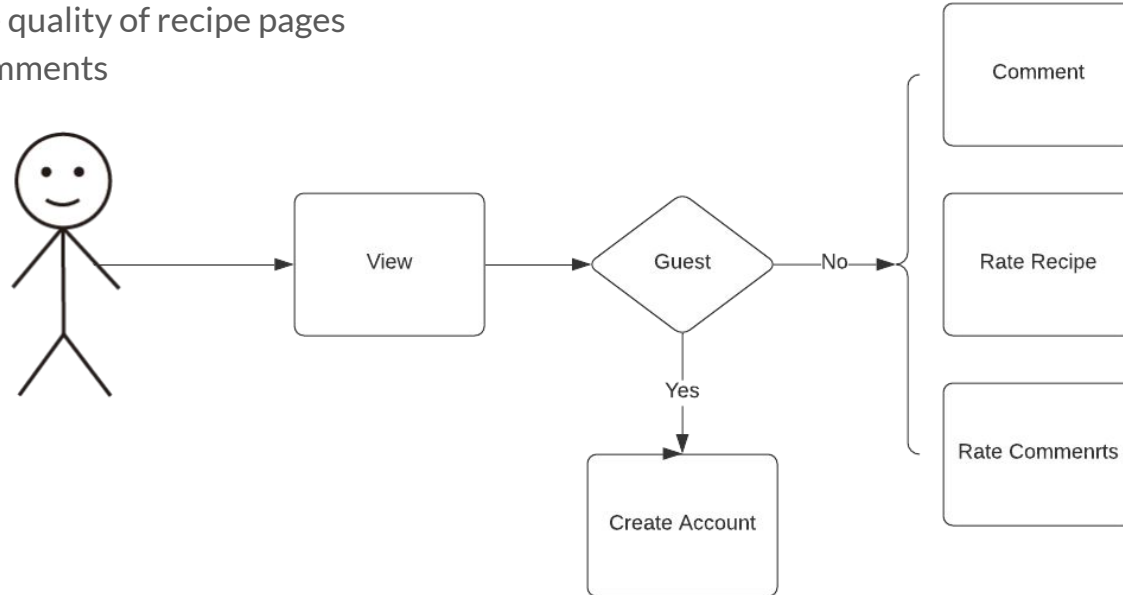
Difficulty

Description

- Recipe page allows the user to customize the title, ingredients, instructions, cook time, active time, yield, difficulty and description
- Will also allow for the user to input images and video for each individual instruction step

Recipe Pages

- View publicly available recipes and all relevant elements
- Comment on recipe pages
- Rate the quality of recipe pages
- Rate comments



Recipe Pages



Critical Level	High
Dependency	Recipe Creation
Estimated Time	3 days ~ 1 week
Developers	Matthew Sprague, Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Recipe Pages Mockups

Logo

Search

Home

Profile

New Recipe

Recipe Title

Difficulty: Intermediate Yield: <#> <unit> ★★★★★ <number> Reviews Time: <#> <unit> Active Time: <#> <unit>

Ingredients	Tools
<input checked="" type="checkbox"/> 1/2 Cup Rice	<input checked="" type="checkbox"/> Wok
<input checked="" type="checkbox"/> 1 Tbps. Soy Sauce	<input checked="" type="checkbox"/> Wooden Spoon
<input checked="" type="checkbox"/> 1 Onion, roughly chopped	
<input checked="" type="checkbox"/> 2 Eggs	

Instructions

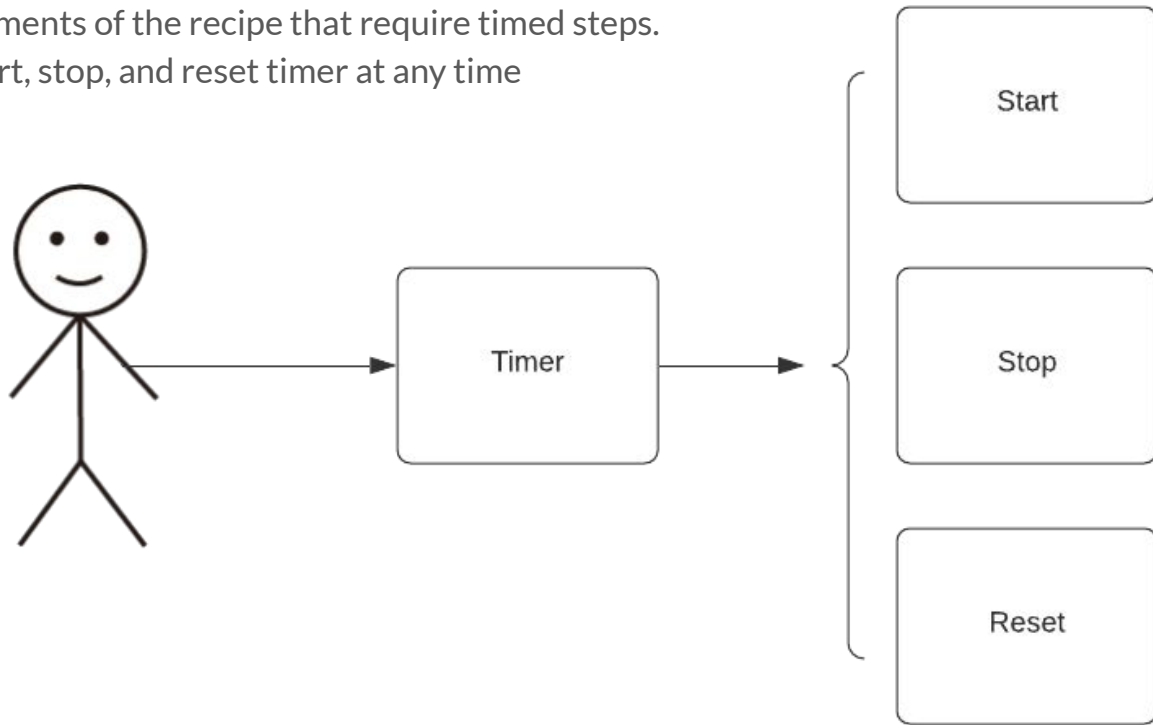
Step 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui. Quisque nec mauris sit amet elit iaculis pretium sit amet quis magna. Aenean velit odio, elementum in tempus ut, vehicula eu diam. Pellentesque rhoncus aliquam mattis. Ut vulputate eros sed felis sodales nec vulputate justo hendrerit. Vivamus varius pretium ligula, a aliquam odio euismod sit amet. Quisque laoreet sem sit amet orci ullamcorper at ultricies metus viverra. Pellentesque arcu mauris, malesuada quis ornare accumsan, blandit sed diam.

- Header is an image of the completed recipe
- Recipe has all important information right under title
- Check list of ingredients and tools will automatically check off if user has them in their pantry
- Instructions display a video of each step on their right
- Comments/suggestions will be placed at the bottom of the page
- Timer will also be available for each step

Timer

- For segments of the recipe that require timed steps.
- Can start, stop, and reset timer at any time



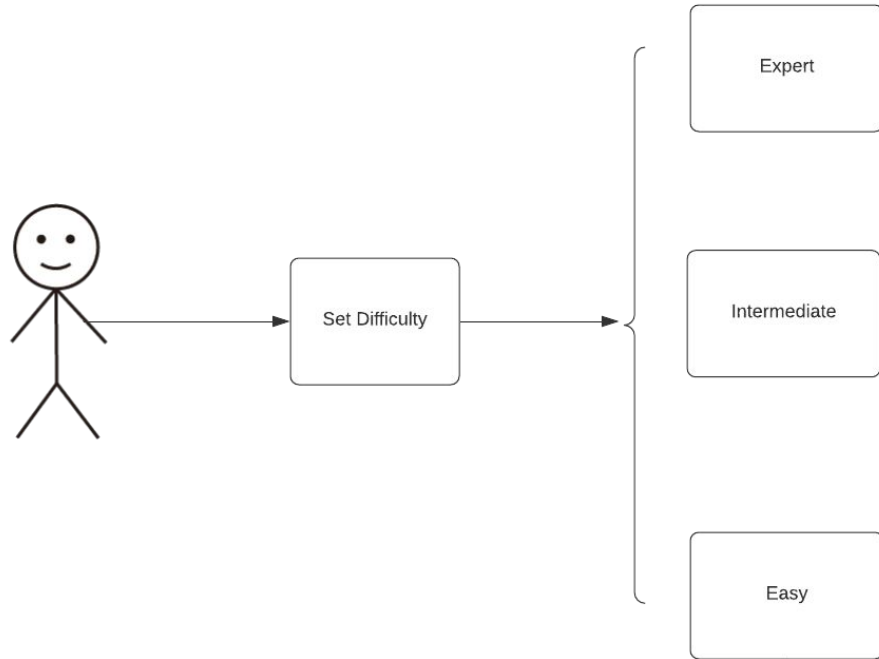
Timer



Critical Level	Medium
Dependency	Recipe Pages
Estimated Time	1 day ~ 3 days
Developers	Matthew Sprague, Brian Williams, Joseph Morrison , Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Recipe Difficulty

- Users have the ability to set the difficulty of the recipes that they create



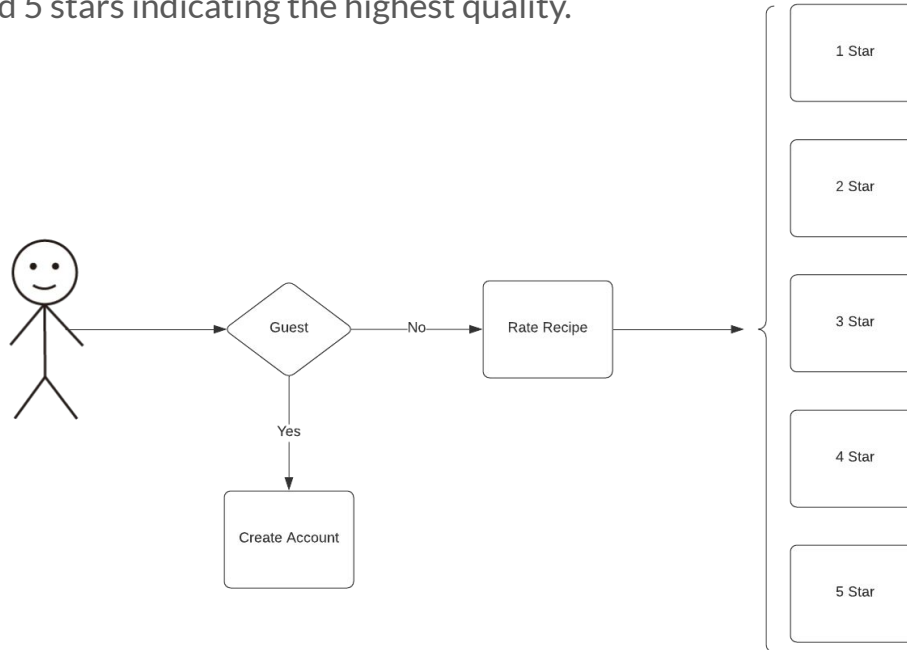
Recipe Difficulty



Critical Level	Medium
Dependency	Recipe Page
Estimated Time	1 day ~ 3 days
Developers	Matthew Sprague, Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Recipe Rating

- Rate the quality of a recipe. Recipes are rated out of 5 stars, with 1 stars indicating the lowest quality and 5 stars indicating the highest quality.



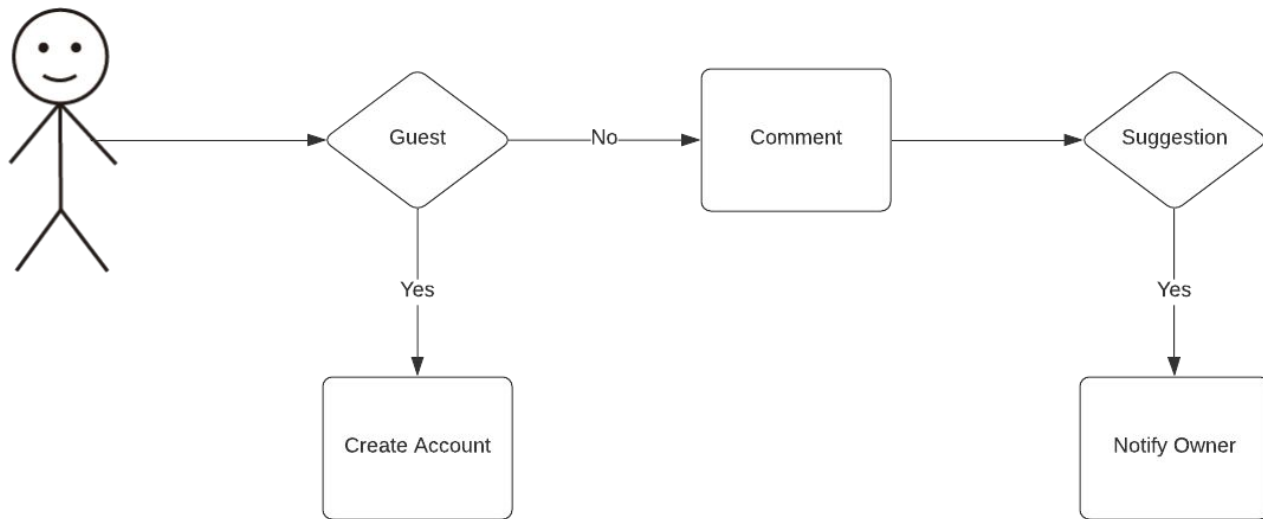
Recipe Rating



Critical Level	Low
Dependency	Recipe Page
Estimated Time	1 day
Developers	Matthew Sprague, Brian Williams , Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Commenting

- Comment on public recipes under a 300 character limit.
- Comments can be marked as a suggestion by the user
 - prompts the owner of the recipe a notification of the suggestion.



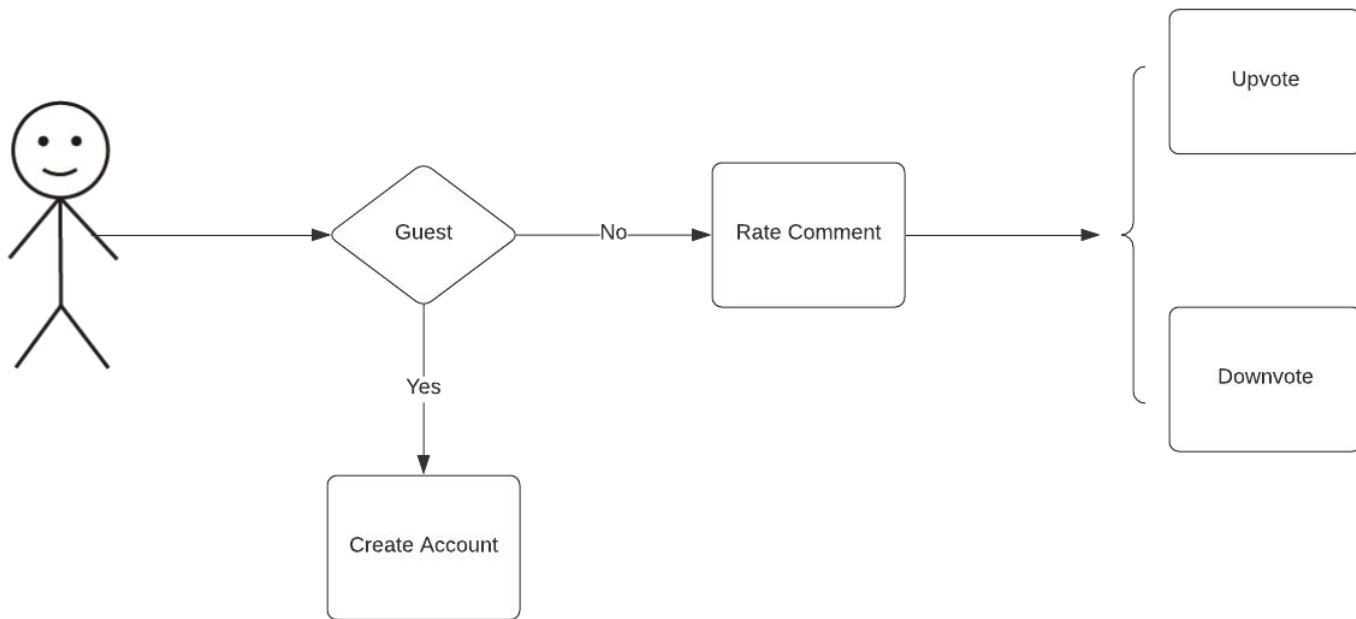
Commenting



Critical Level	Medium
Dependency	Recipe Page
Estimated Time	1 day ~ 3 days
Developers	Matthew Sprague , Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	SQL injection, XSS injection

Comment Rating

- Upvote or downvote the public comments of users to indicate the quality of the comment.



Comment Rating

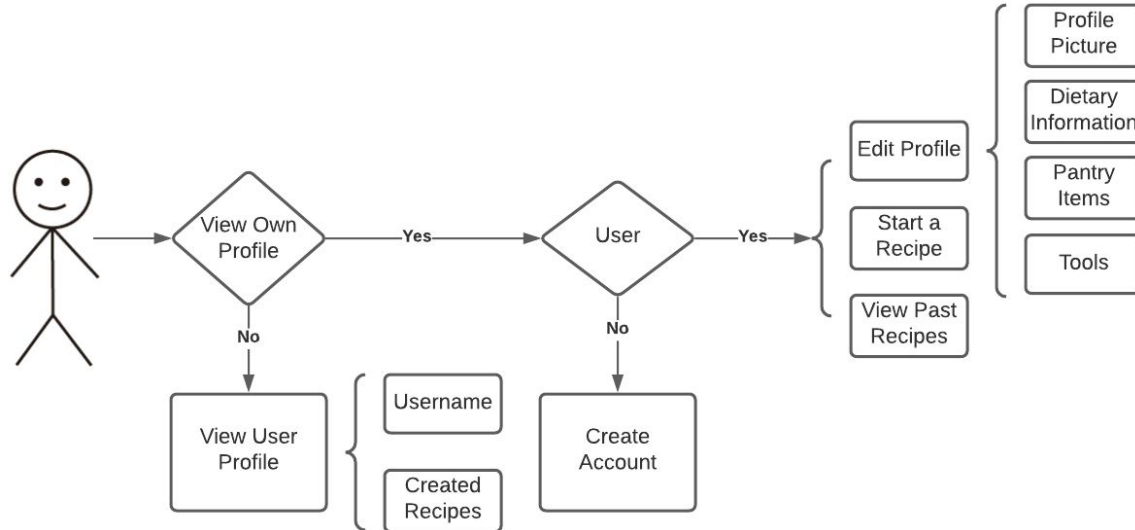


Critical Level	Low
Dependency	Recipe Page
Estimated Time	1 day
Developers	Matthew Sprague , Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Profile

Profile

- Edit user profile pictures, dietary information, pantry, tools.
- View past recipes
- Start new recipes.
- View the profiles of other users and see usernames and created recipes.

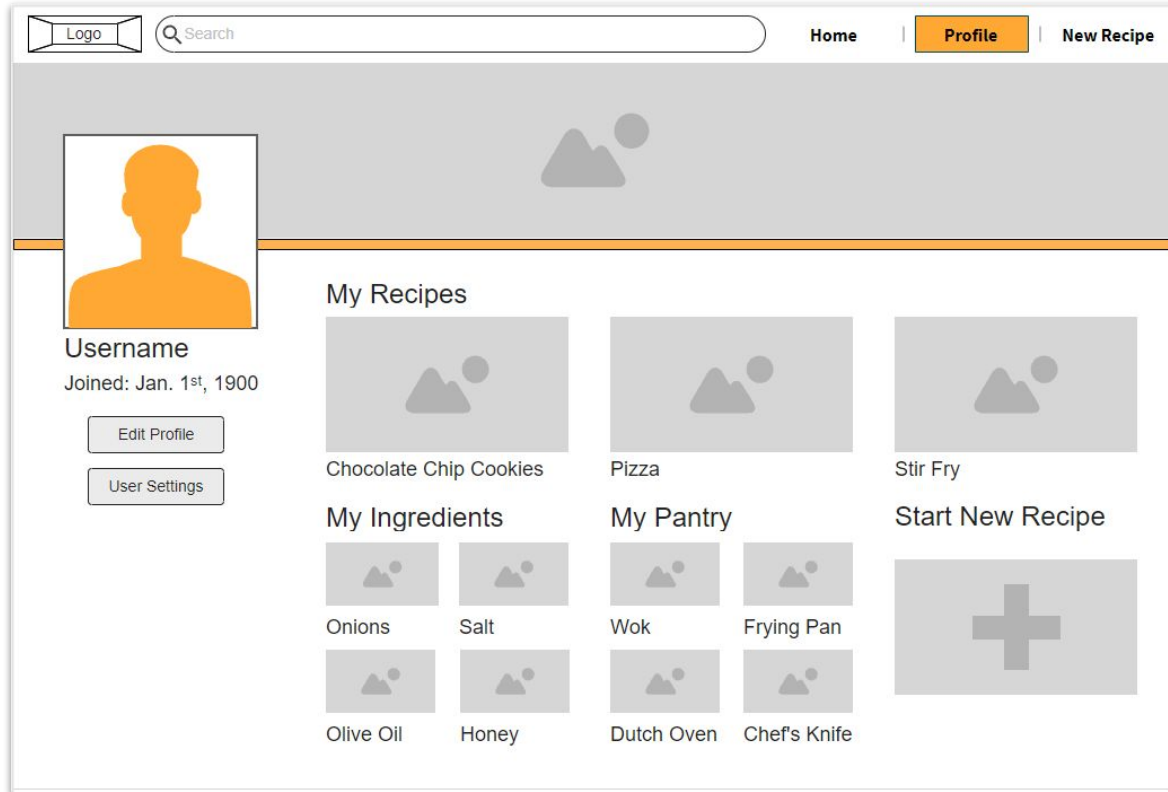


Profile



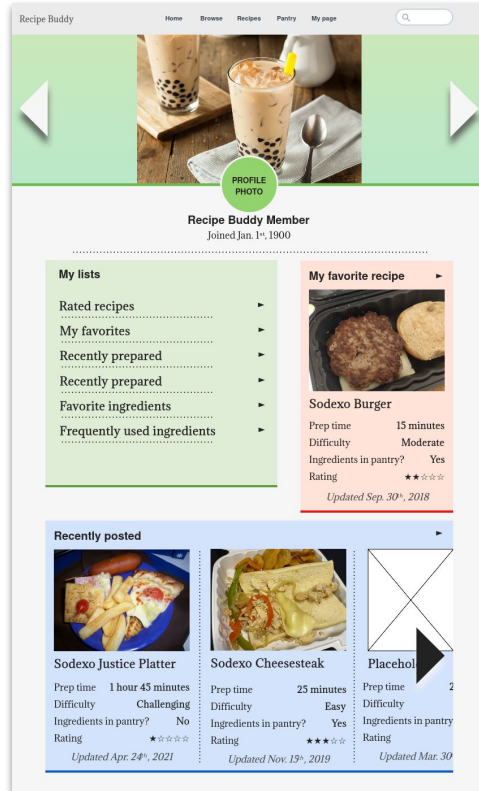
Critical Level	High
Dependency	Pantry, Tools, Recipe Creation, Recipe Page
Estimated Time	1 week
Developers	Matthew Sprague, Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Profile Mockups



- Header is an image of a user's most made recipe
- Edit Profile and Settings accessed from profile
- User's recipes are listed, as well as their ingredients and pantry
- Ability to start new recipe from the profile

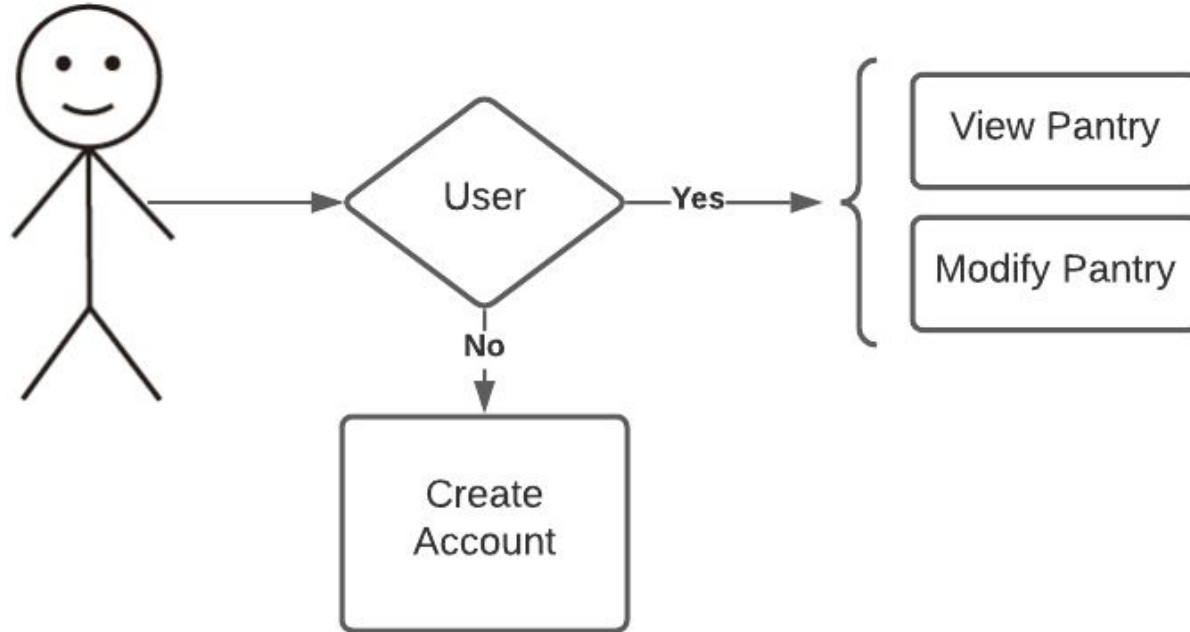
Profile Mockups (Alternate)



- Header is a carousel of images from a user's most made recipes
- Shows different user lists, such as their rated recipes or their favorites, as well as ingredients
- User's recipes are listed by recent
- Favorite recipes included

Pantry

- Add and remove owned ingredients within their profile. Pantry details are private to the user.



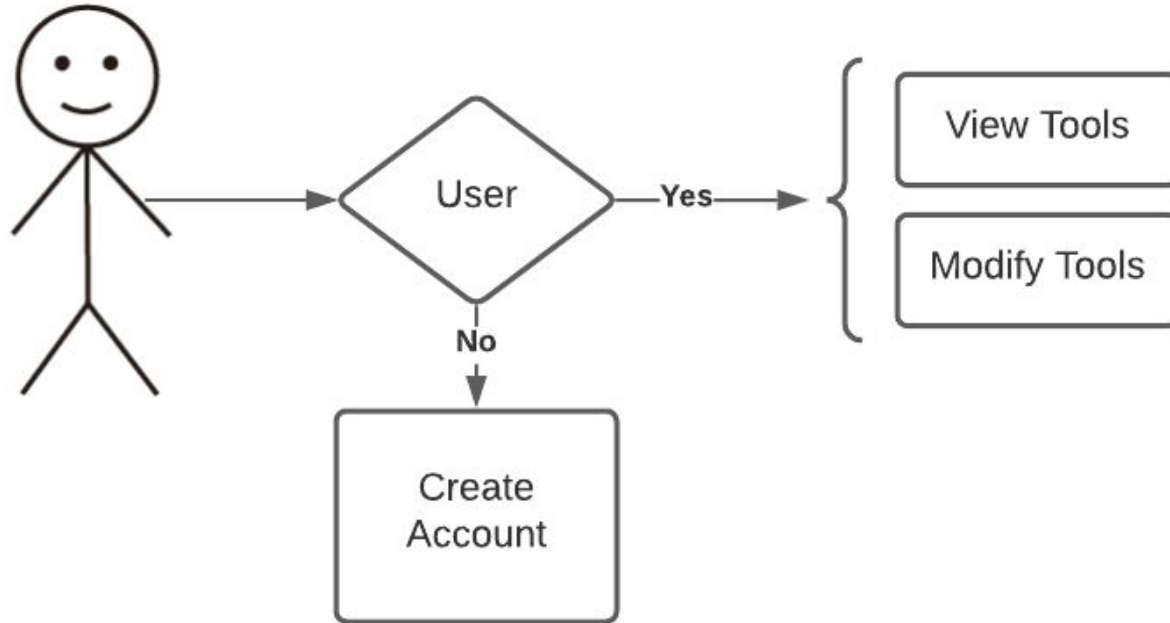
Pantry



Critical Level	Medium
Dependency	N/A
Estimated Time	1 day ~ 3 days
Developers	Matthew Sprague , Brian Williams, Joseph Morrison , Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Tools

- Add and remove owned tools within their profile. Pantry details are private to the user.



Tools

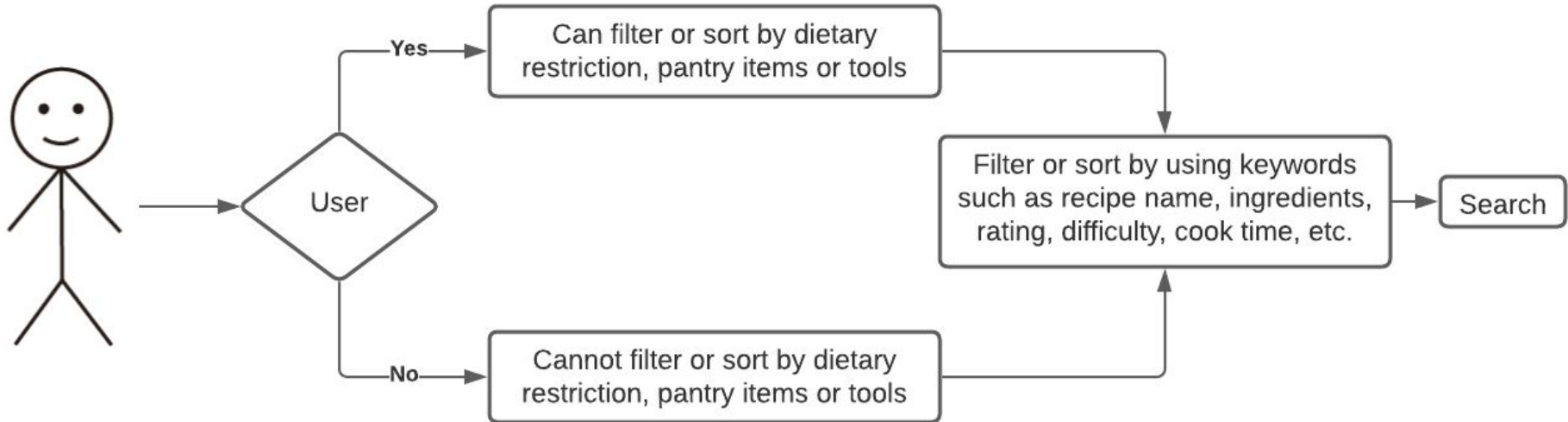


Critical Level	Medium
Dependency	N/A
Estimated Time	1 day ~ 3 days
Developers	Matthew Sprague , Brian Williams, Joseph Morrison , Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	None

Search

Search

- Insert keywords that get correlated with the ingredients, tools, and recipe names. Search entries can be filtered by predetermined dietary restrictions

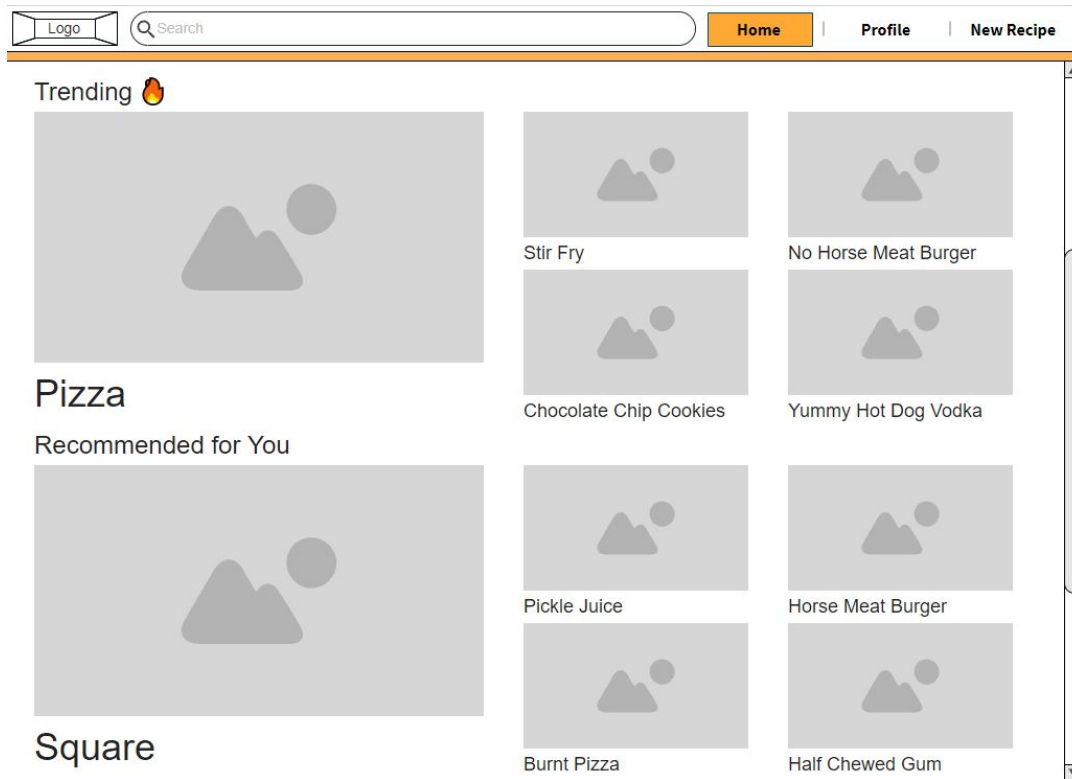


Searching



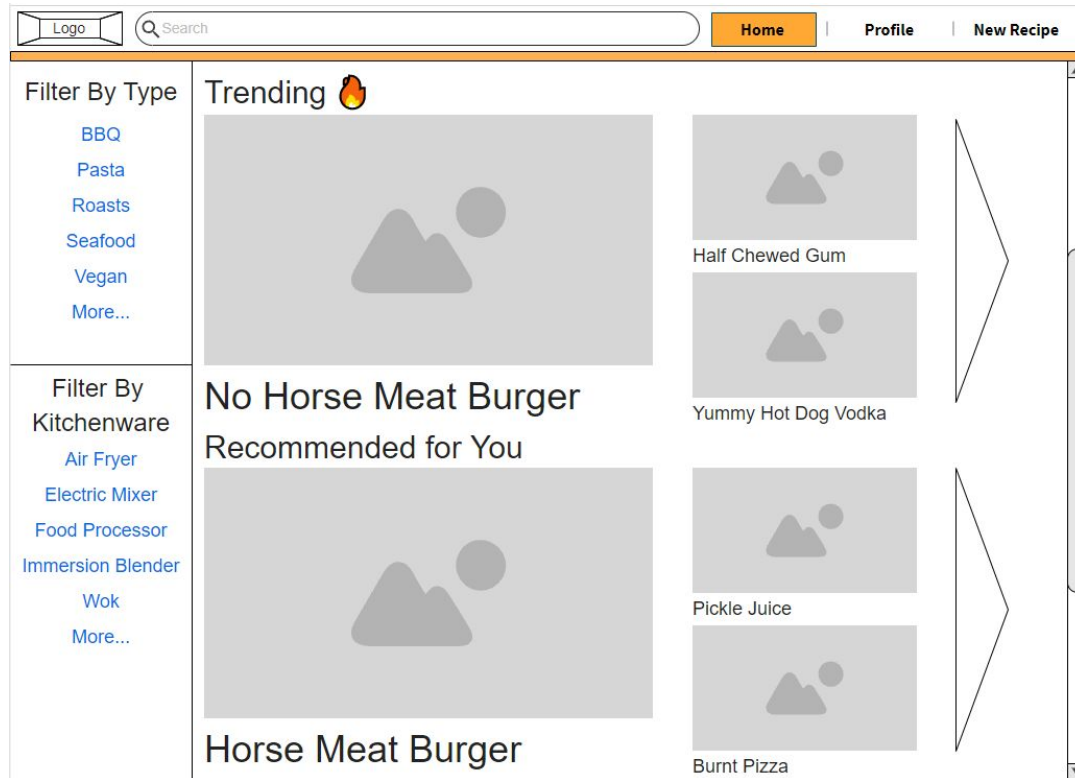
Critical Level	High
Dependency	Recipe Database, Recipe Filter, Recipe Pages
Estimated Time	1 week
Developers	Matthew Sprague, Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	SQL injection, XSS injection

Home Page Mockups



- Made up of different categories
 - Tailored for each user
- Search bar allows for more specific searches

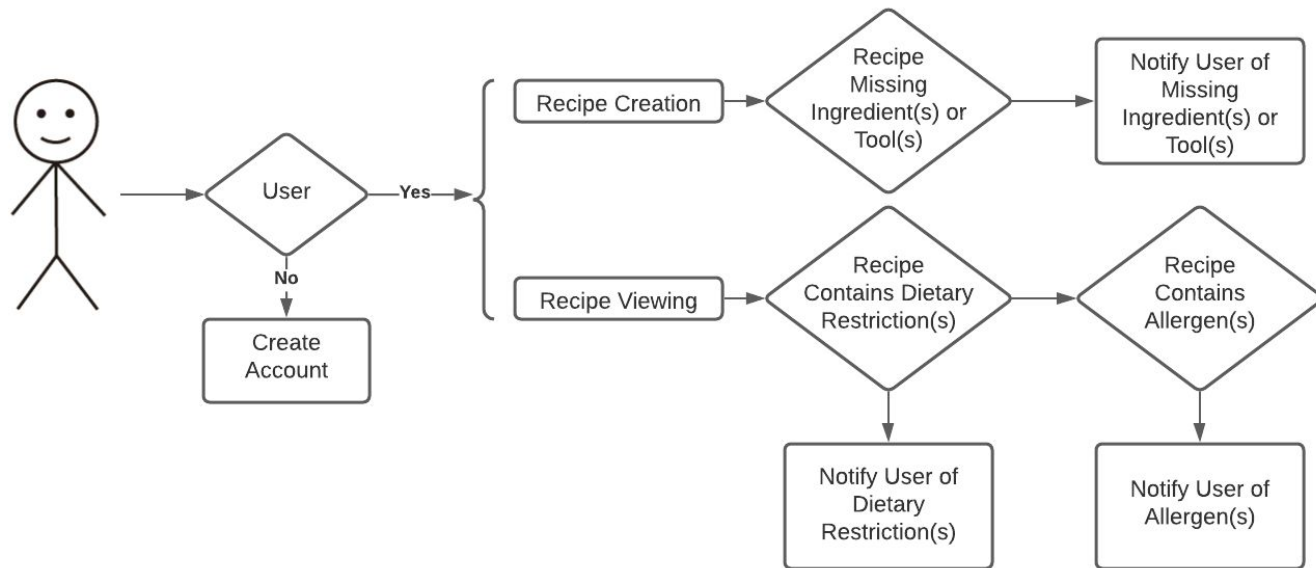
Home Page Mockups



- Made up of different categories
 - Tailored for each user
- Search bar allows for more specific searches
- Allows users to filter recipes by type of food, as well as kitchenware used

Flags

- Prompt user if there are missing ingredients or tools for a recipe
- Prompts user if it contains general dietary elements
- Prompts user if it contains allergens and dietary restrictions



Flags

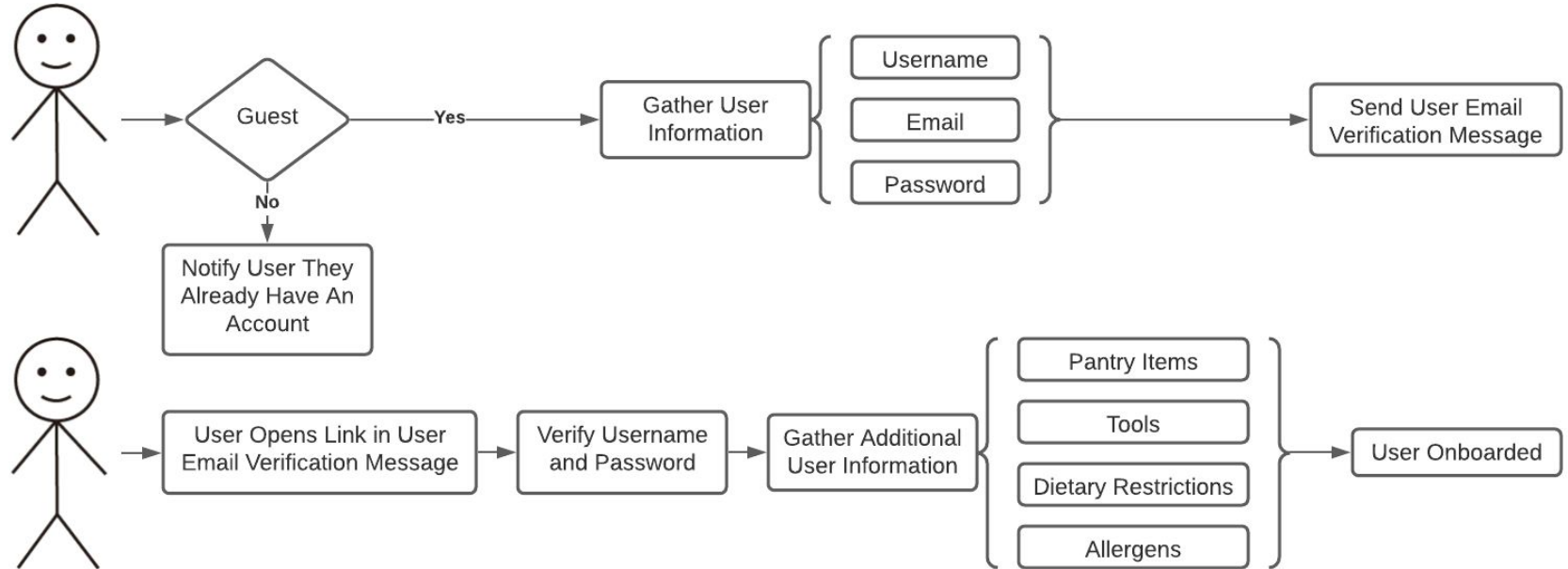


Critical Level	Medium
Dependency	Searching
Estimated Time	1 day ~ 3 days
Developers	Matthew Sprague , Brian Williams, Joseph Morrison , Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	SQL injection, XSS injection

Security

Account Creation

- Create an account by establishing a username, email, and password to access the site.
- Email must be verified before an account can be used.



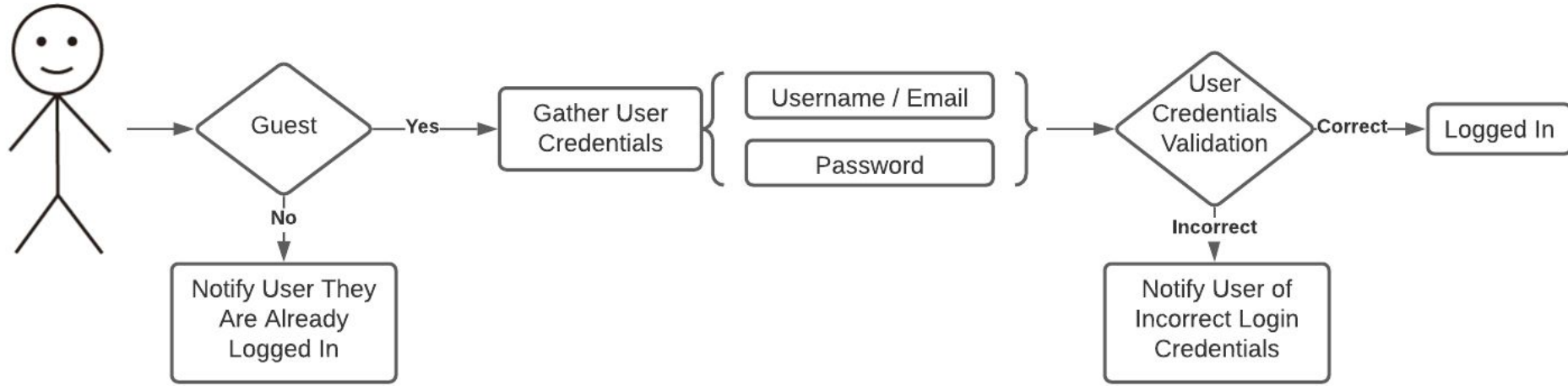
Account Creation



Critical Level	High
Dependency	N/A
Estimated Time	1 week
Developers	Matthew Sprague , Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	SQL injection, XSS injection

Login

- Can access all features of the site with an established account.



Login



Critical Level	High
Dependency	Account creation
Estimated Time	3 days
Developers	Matthew Sprague , Brian Williams, Joseph Morrison, Jeffrey Rescignano
Testing	Client and focus group frontend testing, unit testing for backend
Risks	SQL injection, XSS injection, account theft