Night-In

Team 19
Test Plan

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1) As a User, I would like to create an account
Functionality
- Create 001, Login/Create Account Button, Severity 1
- Click "Create Account/Login" Button
- Page navigates to "<website>.com/auth/google" which is used to sign in to google

- Create 002, Correct Create User Screen, Severity 1
- Finish creating an account through google
- Page navigates to "<website>.com" which is the main webpage,

Equivalence
N/A

Boundary
N/A

2) As a User, I would like to look up recipes
Functionality
- Search 001, Search for a normal recipe, Severity 1
- Click the search bar, type in "Chicken Parmesan", Click search
- Tiles containing recipes for chicken parmesan show up

Equivalence
- Search 002, Search for a recipe with a special character, Severity 1
- Click the search bar, type in "Chicken Parmesan#", Click search
- Tiles containing recipes for chicken parmesan show up

Boundary
N/A

3) As a User, I would like to log into my account that I set up before
Functionality
- Login 001, Login Button, Severity 1
- Click "Create Account/Login" Button
- Page navigates to "<website>.com/auth/google" which is used to sign in to google

- Login 002, Correct Login Screen, Severity 1
- Finish signing in through google
- Page navigates to "<website>.com" which is the main webpage, previous settings hadn't changed, login button now says log out

Equivalence
N/A

Boundary
N/A

4) As a User, I would like to add my own custom recipes to my saved recipes lists

Functionality
- Custom 001, Custom Recipes button, severity 2
- Click add recipe
- Modal pops up with a form to fill out for custom recipes

- Custom 002, Custom Recipes info and submit, severity 2
- Type in recipe name as "chicken parmesan", recipe ingredients as "1lb chicken <enter> ½ cup parmesan", recipe directions "Put it all together", recipe nutrition as "none", click submit button
- In the saved recipes list there should now be a chicken parmesan recipe

Equivalence
- Custom 003, recipe name special character, severity 2
- Type in recipe name as "chicken parmesan%", recipe ingredients as "1lb chicken <enter> ½ cup parmesan", recipe directions "Put it all together", recipe nutrition as "none", click submit button
- In the saved recipes list there should now be a chicken parmesan recipe

- Custom 004, recipe ingredients special character, severity 2
- Type in recipe name as "chicken parmesan", recipe ingredients as "1lb chi%cken <enter> ½ cup parmesan", recipe directions "Put it all together", recipe nutrition as "none", click submit button
- In the saved recipes list there should now be a chicken parmesan recipe

- Custom 005, recipe directions special character, severity 2
- Type in recipe name as "chicken parmesan", recipe ingredients as "1lb chicken <enter> ½ cup parmesan", recipe directions "Put it all% together", recipe nutrition as "none", click submit button
- In the saved recipes list there should now be a chicken parmesan recipe
- Custom 006, recipe nutrition special character, severity 2
- Type in recipe name as "chicken parmesan", recipe ingredients as "1lb chicken <enter> ½ cup parmesan", recipe directions "Put it all together", recipe nutrition as "no%ne", click submit button
- In the saved recipes list there should now be a chicken parmesan recipe

Boundary
- Custom 007, Custom Recipes blank name, severity 2

- Keep recipe name blank, recipe ingredients as "1lb chicken <enter> ½ cup parmesan", recipe directions "Put it all together", recipe nutrition as "none", click submit button
- There should be a popup saying that a recipe name is required

- Custom 008, Custom Recipes blank ingredients, severity 2
- Type in recipe name as "chicken parmesan, keep recipe ingredients blank, recipe directions "Put it all together", recipe nutrition as "none", click submit button
- There should be a popup saying that recipe ingredients are required

- Custom 009, Custom Recipes blank directions, severity 2
- Type in recipe name as "chicken parmesan, recipe ingredients as "1lb chicken <enter> ½ cup parmesan", keep recipe directions blank, recipe nutrition as "none", click submit button
- There should be a popup saying that recipe directions are required

- Custom 010, Custom Recipes blank nutrition, severity 2
- Type in recipe name as "chicken parmesan", recipe ingredients as "1lb chicken <enter> ½ cup parmesan", recipe directions "Put it all together", keep recipe nutrition blank, click submit button
- In the saved recipes list there should now be a chicken parmesan recipe

5) As a User, I would like to log out of my account
Functionality
- Logout 001, Logout Button, severity 2
- Click Logout button
- Page navigates to the main page, log out button now says create account/login

Equivalence
N/A

Boundary
N/A

6) As a User, I would like to create multiple grocery lists
Functionality
- Grocery 001, Basic Functionality, Severity 2
- While viewing a recipe, click the grocery list button
- Page displays a formatted list that can be printed off using the browser print tool

- Grocery 002, Adaptive List, Severity 2
- Enter some ingredients into the list of ingredients on hand, and view a grocery list
- The grocery list viewed should indicate which ingredients the user already has

- Grocery 003, Complete List, Severity 3

- View a grocery list with which all the ingredients are on hand
- The grocery list should have a message that says you have everything, but should still display ingredients

Equivalence
N/A

Boundary
N/A

7) As a User, I would like to search by ingredients
Functionality
- Ingredient Search 001, Basic Ingredient Searching, Severity 2
- In the Search section, type in an ingredient into the search bar
- A list of recipes that can be made with the ingredient should show up

Equivalence
- Ingredients Search 002, Repeated Ingredient Search, Severity 3
- Search for a recipe by using one ingredient repeated ("i.e. Chicken Chicken")
- Results should show up as if the ingredient was entered once

Boundary
- Ingredient Search 003, Empty Search, Severity 3
- Enter no ingredients in the search bar and initiate a search
- The results section should be empty

- Ingredient Search 004, Multiple Ingredient Search, Severity 3
- Enter 3 ingredients in the search bar and initiate a search
- A list of recipes that can be made with the 3 ingredients should show up

8) As a User, I would like to set a list of ingredients that I cannot use
Functionality
- Excluded Ingredients 001, Basic Ingredient Exclusion, Severity 2
- Navigate to the profile and click on the button to pull up a list of excluded ingredients. Input an ingredient and click save.
- A notification should be show that the results are saved, and the list should show the input ingredient upon a refresh of the webpage

- Excluded Ingredients 002, Delete Ingredients from Exclusion List, Severity 2
- Click on the "X" buttons on a list of input ingredients to delete them
- The selected ingredients should be permanently deleted from the list and should not show up upon a refresh

Equivalence

- Excluded Ingredients 003, Duplicate Ingredients, Severity 3
- Attempt to input an ingredient that is already in the list
- A notification should show up that the ingredient is already in the list, and the ingredient should not be added to the list for a second time

Boundary
- Excluded Ingredients 004, Add No Ingredient, Severity 3
- Enter no new ingredients into the list
- The Save button should be greyed out and should trigger no events

- Excluded Ingredients 005, Add Multiple Ingredients, Severity 2
- Enter at least 3 ingredients into the list and click save
- A notification should show, and the input ingredients should be displayed in the list upon a refresh

9) As a User, I would like to save searched recipes to my account
Functionality
- Recipe Saving 001, Basic Recipe Saving, Severity 2
- When viewing a recipe, click on the save button to save the viewed recipe
- A notification should display upon successful saving, and the recipe should display under the user's saved recipes upon navigating to that section

Equivalence
- Recipe Saving 002, Saving Duplicate Recipes, Severity 3
- When viewing a recipe that is already saved, click the save button
- A notification should pop up indicating that a user has already saved that recipe, and a duplicate entry should not be saved to the user's list

Boundary
N/A

10) As a User, I would like to track my ingredients on hand
Functionality
- Ingredient Tracking 001, Basic Ingredient Tracking, Severity 2
- Upon navigating to the Ingredient Tracker, input a basic ingredient to be tracked and click save
- A notification should display upon a successful save, and the ingredient should show up upon refresh

- Ingredient Tracking 002, Delete Ingredients from Ingredient List, Severity 2
- Click on the "X" buttons on a list of input ingredients to delete them
- The selected ingredients should be permanently deleted from the list and should not show up upon a refresh

Equivalence
- Ingredient Tracking 003, Duplicate Ingredients, Severity 3
- Attempt to input an ingredient that is already in the list
- A notification should show up that the ingredient is already in the list, and the ingredient should not be added to the list for a second time

Boundary
- Ingredient Tracking 004, Add No Ingredient, Severity 3
- Enter no new ingredients into the list
- The Save button should be greyed out and should trigger no events

- Ingredient Tracking 005, Add Multiple Ingredients, Severity 2
- Enter at least 3 ingredients into the list and click save
- A notification should show, and the input ingredients should be displayed in the list upon a refresh

11) As a User, I would like to write notes on my saved recipes
Functionality
- Notes 001, Saving a note, Severity 2
- While looking at a recipe, click edit
- In edit screen, click add note
- Write a note into pop up and click save
- The note should be displayed when viewing the recipe

- Notes 002, Closing Before Saving, Severity 2
- In edit screen, click add note
- Write a note into pop up and click close
- A warning should appear saying "Would you like to save your note?" with options Save, Don't Save, and Cancel

- Notes 003, Saving with no input, Severity 2
- In edit screen, click add note
- Do not type anything and click save
- A message should appear with saying "There is nothing to save"

- Notes 004, Closing with no input, Severity 2
- In edit screen, click add note
- Do not type anything and click close
- The note pop up should close and there should be not new notes

Equivalence
N/A

Boundary
N/A

12) As a User, I would like to edit my saved searched recipes
Functionality
- Edit 001, Saving an edit, Severity 2
- While looking at a recipe, click edit
- In edit screen, change any piece of text and click save
- The changes should be displayed when viewing the recipe from saved recipes

- Edit 002, Closing Before Saving, Severity 2
- In edit screen, change any piece of text and click close
- A warning should appear saying "Would you like to save your changes?" with options Save, Don't Save, and Cancel

- Edit 003, Saving with no changes, Severity 2
- In edit screen, do not make any changes and click save
- A message should appear with saying "There is nothing to save"

- Edit 004, Closing with no changes, Severity 2
- In edit screen, do not make any changes and click close
- The edit screen should close and no changes should be seen

Equivalence
N/A

Boundary
N/A

13) As a User, I would like to see a price breakdown of recipes
Functionality
- Price 001, Basic Functionality, Severity 2
- While looking at a recipe, click the price breakdown button
- Page displays a list of ingredients with the price for each and a final total

- Price 002, Basic Closing Functionality, Severity 2
- While looking at a price breakdown, click close button
- The list should collapse displaying a price breakdown button

Equivalence
N/A

Boundary

N/A

14) As a User, I would like to see a price breakdown of recipes based on the current ingredients that I have on hand
Functionality

- Price Current Ingredients 001, Basic Functionality with no ingredients in List, Severity 2
- While looking a price breakdown of a recipe, click on include my ingredients
- List should not change

- Price Current Ingredients 002, Basic Functionality with Ingredients in List, Severity 2
- Add some ingredients from a recipe to the user's on hand ingredients
- While looking a price breakdown of a recipe, click on include my ingredients
- List should update to show which ingredients the user has and should not include, the total should also reflect this

- Price Current Ingredients 003, Basic Functionality with All Ingredients in List, Severity 2
- Assuming every ingredient in a recipe is in a user's on hand ingredients list, While looking a price breakdown of a recipe, click on include my ingredients
- List should update to show that every ingredient is owned by user while still displaying the ingredients, total should be zero

Equivalence
N/A

Boundary
N/A

15) As a User, I would like to specify my diet (i.e. vegetarian, vegan, etc.) to receive relevant search results and save this to my account
Functionality
- Diet 001, Select Diet Preference, Severity 1
- Click "Advanced" Button
- Page expands to list additional search options including different diets

- Diet 002, Select Diet Preference, Severity 1
- Click "Vegan" Checkbox in expanded search options, type "Burger" into search bar, and click search button
- A list of vegan burger recipes appears

- Diet 003, Change Diet Preference, Severity 2
- Click "Vegan" checkbox in expanded search options and then "Vegetarian" checkbox

- The preferred diet should be changed from Vegan to Vegetarian (Vegan checked and Vegetarian unchecked to Vegan unchecked and Vegetarian checked)

- Diet 004, Save specified diet, Severity 3
- Click "Vegan" checkbox in expanded search options, click "Save Options", reload page, and reopen expanded search options list
- The Vegan checkbox is still selected

Equivalence

- Diet 005, Search unrelated diet item, Severity 2
- Click "Vegan" checkbox in expanded search options, type "Steak" into search bar, and click search button
- Either an empty list or a list of recipes with Vegan substitutes for Steak appears

Boundary

- N/A

16) As a User, I would like to give ratings to particular recipes
Functionality

- Rating 001, Give rating to recipe, Severity 2
- Type "Parmesan Chicken" into search bar, find result with no ratings, click on rate, give a rating of 5, and run a new search for the same recipe
- The recipe should have a rating of 5.

Equivalence

- Rating 002, Give rating below accepted range, Severity 3
- Type "Parmesan Chicken" into search bar, find result with no ratings, click on rate, give a rating of less than 0
- A popup should appear stating input should be between 0 and 5

- Rating 003, Give rating above accepted range, Severity 3
- Type "Parmesan Chicken" into search bar, find result with no ratings, click on rate, give a rating of greater than 5
- A popup should appear stating input should be between 0 and 5

- Rating 004, Give rating within accepted range, Severity 2
- Type "Parmesan Chicken" into search bar, find result with no ratings, click on rate, give a rating between 0 and 5, and run a new search for the same recipe
- The recipe should have the input rating.

Boundary

- Rating 005, Give rating one above upper limit, Severity 3
- Type "Parmesan Chicken" into search bar, find result with no ratings, click on rate, give a rating of -1
- A popup should appear stating input should be between 0 and 5

- Rating 006, Give rating one below lower limit, Severity 3
- Type "Parmesan Chicken" into search bar, find result with no ratings, click on rate, give a rating of 6
- A popup should appear stating input should be between 0 and 5

17) As a User, I would like to sort my saved recipes by ratings
Functionality

- Sort 001, sort by ratings descending, Severity 3
- Navigate to saved recipes and click "sort by rating descending"
- Saved recipes are listed in descending order by rating.

- Sort 002, sort by ratings ascending, Severity 3
- Navigate to saved recipes and click "sort by rating ascending"
- Saved recipes are listed in ascending order by rating.

Equivalence

- N/A

Boundary

- N/A

18) As a user, I would like to be able to print out recipes
Functionality

- Print 001, Print preview, Severity 3
- Navigate to saved recipes, click on a saved recipe, and click print
- A modal print preview should pop up

- Print 002, Print recipe, Severity 3
- From print preview modal select printer and click print
- Recipe is printed

- Print 003, Print cancel, Severity 3
- From print preview modal select cancel

- Modal should close and no printing occurs

Equivalence

- N/A

Boundary

- N/A

19) As a user, I would like to be able to view random recipes
Functionality
- Search 003, Search for a normal recipe, Severity 3
- Click "search random"
- Tiles containing random recipes show up

Equivalence

- N/A

Boundary

- N/A

20) As a user, I would like to view nutrition information for recipes in a graphical format
Functionality
- Nutrition 001, View nutrition facts graphically, Severity 3
- Click "nutrition facts" for a recipe
- A graphical representation of the nutrition facts appears

Equivalence

- N/A

Boundary

- N/A

21) As a user, I would like to find substitutions for ingredients
Functionality
- Substitution 001, Change an ingredient to a similar one, Severity 2
- Click a right arrow next to an ingredient for a recipe once

- The ingredient changes to a similar one

- Substitution 002, Change an ingredient to a similar one and then back to the original, Severity 2
- Click a right arrow next to an ingredient for a recipe once, then a left arrow once
- The ingredient changes to a similar one, then back to the original

Equivalence
- Substitution 003, Change an ingredient a large number of times, Severity 2
- Click a right arrow next to an ingredient for a recipe a number of times greater than 1, then a left arrow a number of times greater than 1
- The ingredient changes to a similar one or back to the original

Boundary

- N/A

22) As a User, I would like to be able to delete recipes from my saved recipes

Functionality
- Delete 001, Accidental delete protection, Severity 2
- Next to a saved recipe, click the trash can/delete icon
- A pop-up asking "are you sure" appears

- Delete 002, Delete a saved recipe, Severity 2
- Next to a saved recipe, click the trash can/delete icon
- A pop-up asking "are you sure" appears. Click "yes". The recipe disappears from the saved list

- Delete 003, Delete a saved recipe, Severity 2
- Next to a saved recipe, click the trash can/delete icon
- A pop-up asking "are you sure" appears. Click "no". The recipe stays in the saved list

Equivalence

- N/A

Boundary

- N/A

Note:

Severity 1: Critical to success of software
Severity 2: Important
Severity 3: Software could function even with this defect in it