

User Stories - BarBuddy

Product Description:

Our first idea is a web-application that helps users create and discover new cocktail recipes by providing a database of recipes and ingredients through a cocktail recipe API and a shopping list API. We would use TheCocktailDB API, which provides a database of cocktail recipes, including the necessary ingredients, instructions and ratings. We would also use the Spoonacular API, which provides a shopping list feature that would allow users to add ingredients to a "shopping list". Users will be able to discover recipes two ways – first is by filtering/ sorting through a master list of all cocktails, and the second is through a completely randomized drink generator. Once they find a recipe they would like to make, they can add ingredients they need to a shopping list. The APIs will give necessary information such as the amount of each ingredient. When shopping, users can check off what they've bought, which removes it from the list. Users will also be able to favorite ingredients, which adds them to a list which they can later return to.

Assignment:

"Be as explicit as you can, and describe what the user is doing or seeing and what the system is doing in response. One example might be a login user story – you can describe what happens on each click, where the user inputs their password, what happens if it's wrong, and so on."

User Story #1: Search for Specific Cocktail Recipe by Name

- As a user of BarBuddy, I want to search for a specific cocktail recipe so that I can find the associated recipe, shop for the necessary ingredients, and make the cocktail at home.

Navigation:

1. Given that the user has opened the BarBuddy web application in their browser and is on the homepage, they see a navigation bar at the top of the page with options to "Discover", "Generate", "My Recipes", and "Shopping List".
2. The user notices a search bar in the center of the page with placeholder text that reads "Search by cocktail name, ingredient, or category"
3. The user decides to search for a cocktail recipe by name and starts typing "Mojito" in the search bar.
4. As the user types, the application displays an auto-suggest dropdown list with matching cocktail names, like "Mojito", "Mojito Diablo", and "Mojito Strawberry" according to what's in the cocktail API's database.
5. The user clicks on the "Mojito" option in the auto-suggest dropdown list, or presses enter after typing the full name.
6. The application then presents a search results page, displaying a list of matching cocktail recipes with thumbnail images, recipe names, and average ratings.
7. Each recipe in the list has a button or link labeled "View Recipe" or similar.
8. The user locates the "Mojito" recipe in the list and clicks the "View Recipe" button or link associated with it.
9. The application navigates to the detailed recipe page for the "Mojito" cocktail. On this page, the user sees an image of the cocktail, a list of ingredients with their respective measurements, step-by-step preparation instructions, and the average user rating for the recipe.

10. The user also notices an "Add to Shopping List" button near the ingredients list, which can be clicked to automatically add the required ingredients to their shopping list.
11. There is also an "Add to My Recipes" button, allowing the user to save the recipe to their personal collection for easy access later.

User Story #2 - Generate Shopping List for Cocktail Recipe

- As a user of BarBuddy, I want to generate a shopping list for a cocktail recipe so that I can easily purchase all the necessary ingredients to make the cocktail at home

Navigation:

1. Given that the user has opened the BarBuddy web application in their browser and is on the homepage, they see a navigation bar at the top of the page with options to "Discover", "Generate", "My Recipes", and "Shopping List".
2. The user notices a search bar in the center of the page with placeholder text that reads "Search by cocktail name, ingredient, or category".
3. The user decides to search for a cocktail recipe by name and starts typing "Mojito" in the search bar.
4. As the user types, the application displays an auto-suggest dropdown list with matching cocktail names, like "Mojito", "Mojito Diablo", and "Mojito Strawberry" according to what's in the cocktail API's database. Once I have found a recipe that I want to make, I can click on it to view the recipe details.
5. On the recipe details page, I can see the list of ingredients required to make the cocktail. To generate a shopping list, I can click on the "Add to Shopping List" button, which will add all the ingredients to my shopping list. I can then view my shopping list by clicking on the "Shopping List" button. The shopping list will include the name of each ingredient, the quantity required, and a checkbox next to each ingredient.
6. I can then use the shopping list to purchase the necessary ingredients to make the cocktail. As I purchase each ingredient, I can check it off on the shopping list, which will update the list to show which ingredients I have already purchased.
7. I can also click the view shopping history button in the shopping list page to see what ingredients I've bought in the past.

Overall, the shopping list feature in BarBuddy makes it easy to purchase all the necessary ingredients for a cocktail recipe, and giving the user the ability to only choose which ingredients they need to purchase (rather than simply adding all of them to their grocery list) makes the application more tailored to each user, and makes the overall experience more efficient.

User Story #3 - Generate a Completely Random Recipe

- I am a user of BarBuddy who is looking to discover some new recipes because I don't know very many. I don't have enough knowledge to search by name, so I want to use the randomized recipe function.
- I am a BarBuddy looking to make some fun drinks for friends, and I want to randomly generate some drinks rather than search for what I'm already familiar with. This will make the overall

experience more fun for my friends and I.

Navigation:

1. Given that the user has opened the BarBuddy web application in their browser and is on the homepage, they see a navigation bar at the top of the page with options to "Discover", "Generate", "My Recipes", and "Shopping List".
2. User clicks “generate”, which brings them to a page that randomly generates recipes, without any input.
3. The user can then choose add ingredients to their shopping list or add the recipe to their favorites by clicking the add ingredient to shopping list button (a plus or something next to the ingredient name) or the add to favorites button (a star shaped button like in other apps)
4. If the user doesn't want something specific in the drink they can filter it by what they want in their drinks and don't want in the filter feature.
5. If the user doesn't like the recipe, they can click/swipe/wtv to get a new randomly generated recipe or navigate to another page when I'm done
6. After getting a drink recipe that the user likes, they will be able to click on the drink to see the full list of ingredients and how to make the drink.
7. They can always save that drink for future use and enjoy it at that moment!

The discover feature allows users to easily find random recipes that they can enjoy. It allows them to filter to their liking and get random drinks at all times.

User Story #4 - View My Favorited Recipes

- I am a user of BarBuddy who is looking to view a recipe I had favorited last week, because I would now like to shop for ingredients to make the drink at home.
- I am a user of BarBuddy who is looking to make a drink again that I can't remember the recipe for, and may have some or none of the ingredients but would like to check them against what I already have

Navigation:

1. Given that the user has opened the BarBuddy web application in their browser and is on the homepage, they see a navigation bar at the top of the page with options to "Discover", "Generate", "My Recipes", and "Shopping List".
2. User clicks “My Recipes”, which brings them to a page that stores all their previously favorited recipes.
3. User can now scroll through a list of all favorited drinks. By clicking on an individual drink, it will bring them to a page with the recipe details based on what's in the cocktail API's database.
4. The user can also use a search bar at the top of the list if they remember the name which will progressively narrow down the presented list of favorited drinks
5. From the recipe details page, the user can then add individual items in the recipe to their shopping list or continue scrolling through the favorited drinks page

6. For ease of use, if the user doesn't have any ingredients in the recipe, they can click a button labeled "add all items to shopping list".

The favorited recipe feature allows the user to easily find a recipe that they favorited (even if they don't remember the name of the drink) and add some or all of the ingredients to their shopping list to make it again.