Application benefits: highlight the benefits of your application by comparing it to two existing systems. Choose two related systems and include their references/URLs (2 pages).

In our recipe finder website application, users have to type in their ingredients in a comma separated list on our search bar. Our website also has a clear instruction above the search bar that says, "Enter your ingredients, separated by commas". This way, it would make it easier, faster, and convenient for our users to enter the ingredients they have. The clear instruction also helps our users know what the search bar is for and what to type in it. Our submit button is also an inch below the search bar allowing the user to quickly find and click on it, allowing them to search for recipes faster.

On the other hand, on foodwise.com, a similar recipe finder website on the web, users have to search through this massive list of items to look for the ingredients they have, and then click it in order to add it to their ingredient lists. Going through these lists of ingredients are tedious, exhausting, and time consuming for the users. After going through the list to look for their ingredients and clicking it to add to their *My Ingredients,* users then have to scroll all the way down to the bottom to click the View Recipe button to search for the recipes. Although they also have a search bar, there are no instructions for what to type in it, and their instruction for adding the ingredients clearly says "Find recipes by +adding the items below to *My Ingredients*" which could confuse the users as to what the search bar is for. There is also no submit button for the search bar as when you enter an ingredient on it, the View Recipe button does not work.

https://www.foodwise.com.au/recipe-room/our-recipe-finder/?fbclid=IwZXh0bgNhZW0CMTEAAR0A-nONmmPgPxUYsi7k5PjyxF8fPhSIIm1TUBIf9VuFUlfyfV_0_8zoI1I_aem_-Ugw7aiwQFJc5fxBQH2skQ

In our website application we also have optional filters, one of which are the Cuisine Types where users can choose whether they want Italian, Chinese, Indian, or Mexican. This filter helps our user look for recipes that match their taste preferences, try out international dishes they haven't had before, or find recipes from their cultural background. Another filter we have are the Dietary Restrictions which include the options of Vegetarian, Vegan, Gluten-Free, and Keto. These are some of the common dietary restrictions that we feel the need to include so our users can find recipes that match their lifestyle as well as find recipes that are safe for them to eat.

On another similar website application, users can type in their ingredients on the search bar and the system easily looks for the ingredients so the user can just click it to add it to their *My Pantries* instead of looking for it on a list. However the filters they have are limited and users only have the option of clicking a check box on whether they want "Recipes contain only selected ingredients".

https://aloorecipes.com/recipe-finder/

Another feature that our website has is the ability to save recipes from our Recipe Result lists. Once our users have entered their ingredients on the search bar, and have chosen their Cuisine Type and Dietary Restriction which are optional, and once they hit the submit button, what they would get is our Recipe Result lists under the search and optional filter engine. On our Recipe Result lists, it will show the picture and the name of the recipes. The name of the recipe is clickable, and once clicked, it will show the recipe details that have the ingredients and instructions for that recipe. At the bottom of the recipe details, they would find a button that says "Add to favorites", and once clicked, it will save the recipe on the favorite page of our registered users. Having the "Add to favorites" button would give our users the ability to easily store and save the recipes they like and provide convenient access to their favorite collection of recipes without having to search for it again. Unlike on https://aloorecipes.com/recipe-finder/ where it only has the "View Full Recipe" button and has no "Add to Favorite" button to save the recipes.