

# Project Proposal

CS320 Fall 2022

Company Name:

Inevitable Solutions

Application Name:

MapMyShopping

Proposal ( $\geq$  300 words):

Do you hate going to grocery stores, hardware stores, or shopping in general? Can you find your items without randomly meandering all around the store? With our app you can solve all these problems. Anyone can pick a store they would like to visit and choose from the stores catalog what they would like to purchase. Once someone has completed making their shopping list our app will show them not only where the item is but how to collect multiple items within the same area. But what happens if halfway through the store you forget to grab an item? Fear not, our app will allow you to add items on your ongoing trip and reroute you accordingly. This type of functionality is just the surface level of what MapMyShopping could accomplish for you.

Our app targets people who are going to a new grocery store or someone who does not grocery shop frequently. MapMyShopping will allow the user to create a profile which will allow them to create a grocery list for the specific store they would like to shop at. While making the list, they might encounter an item that is not available. This will not be a problem for them because the app will give item replacement suggestions if this happens. Also, if the user wants to stay within a specific budget or wants the best quality item, they can filter their searches based off their preferences. If you are out of town at a store you have never been to before, the app will also be able to show you where a specific item is if you are in a pinch. Also, if the user just wants to know where a section of the store is, for example electronics, the app will show the user the different departments. Users can favorite stores, save their grocery lists and favorite items they wish to purchase so when the time comes to grocery shop again, they have everything saved already and can amend what they need.