

SHOPME

Group 17

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Group Members:

- Joanna Wu
- Amit Nacson
- Josh Ke

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Going grocery shopping is a struggle. Sometimes, you need to buy a large amount of food(for a party or a really complicated recipe), in which case it is very difficult to remember your whole list. Additionally, you have to worry about getting those items for the best price, no one wants to spend any more than they have to.

This application provides an easy to understand interface to organize shopping trips. You will be able to find which store is the most ideal for all your needs, such as ease of location and low prices. It also helps you keep track of all the items you need in an organized list.

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This app is for grocery shoppers.

- To help them remember what to buy
- To help them find the best prices
- To help them know stores' inventory before making a trip there

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Application Functionality:

- Price comparison
 - This screen displays a picture of the product that the user is interested in along with the size and name of the product. It will also display the prices that each nearby store (that has the product in inventory) is selling it at.
- Shopping List
 - This feature allows you to compile a list of desired products and saves it so you know what to buy next time you're at the grocery store.
- Preferences
 - This feature allows you to set your favorite stores, price range, set color scheme, etc.
- Map Search Screen
 - This screen is an extension of the map screen and allows the user to search for a specific store on the map. The search bar will also give nearby suggestions and autocomplete.

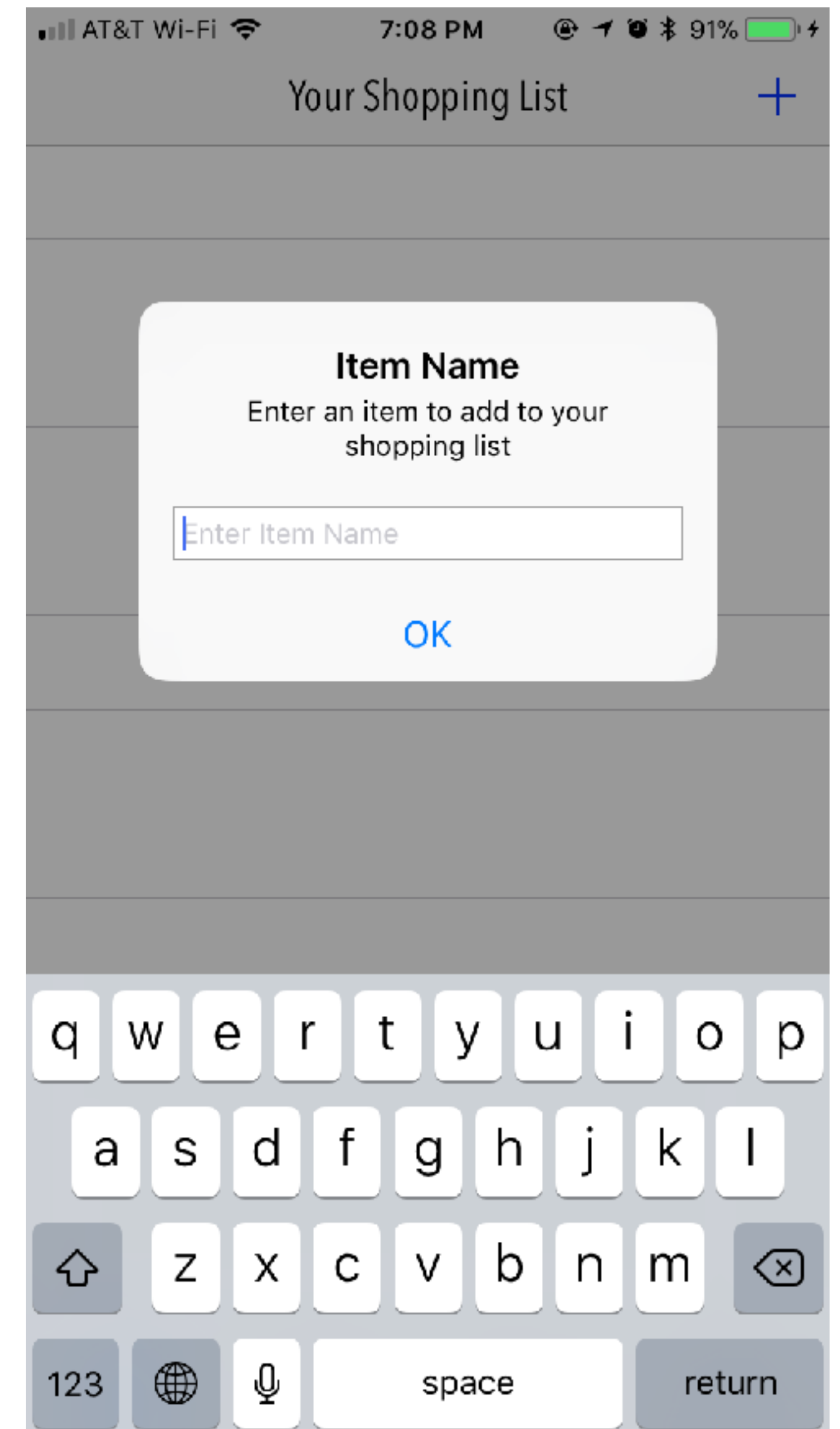
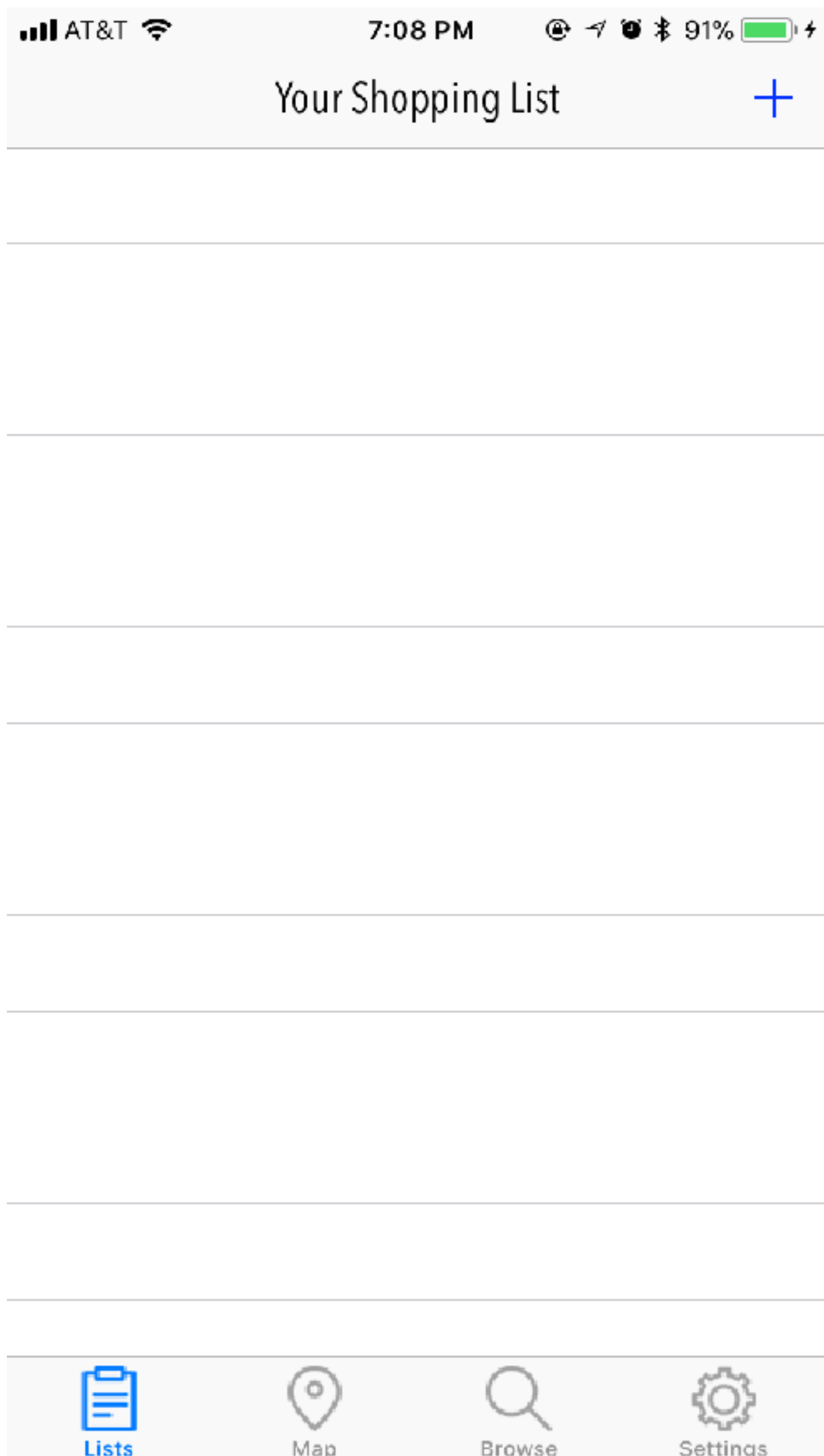
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Application Challenges Experienced:

- API Research and Implementation
- We only had one iPhone and one effective laptop which gave Joanna the extra effort of having to integrate all of our work into a single project.
- Figuring out mapKit
- Coordinating our schedules

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- Joanna Wu
 - Firebase and UI setup
 - Shopping list and price comparison screen
- Amit Nacson
 - Apple Maps integration
 - Settings screen
 - logo design
- Josh Ke
 - Firebase implementation and login
 - Store, department, and item lists



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AT&T

7:08 PM

91%

Stores













Lists

Map

Browse


Settings

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92%


< Departments




apple




banana




broccoli



carrots



celery



spinach

Lists

Map

Browse

Settings

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< Back

HEB

Fuji Apple



\$1.09 each

Add to Shopping List

Lists

Map

Browse

Settings

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Demo!



Questions & Answers