



Application Development in the iOS Environment - Assignment 3 Presentation

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Target Audience

- General public from adolescent up; Anyone who goes grocery shopping
- Focus on helping people busy with everyday life easily access and utilize the app to make their life a bit easier



Problems our application solves

- Human errors/flaws
 - Use of physical notes/reminders that could be forgotten or left behind
 - Memory is not always reliable
- Lack of accessibility
 - Phones are constantly on hand
 - Siri can recite or record your list for you

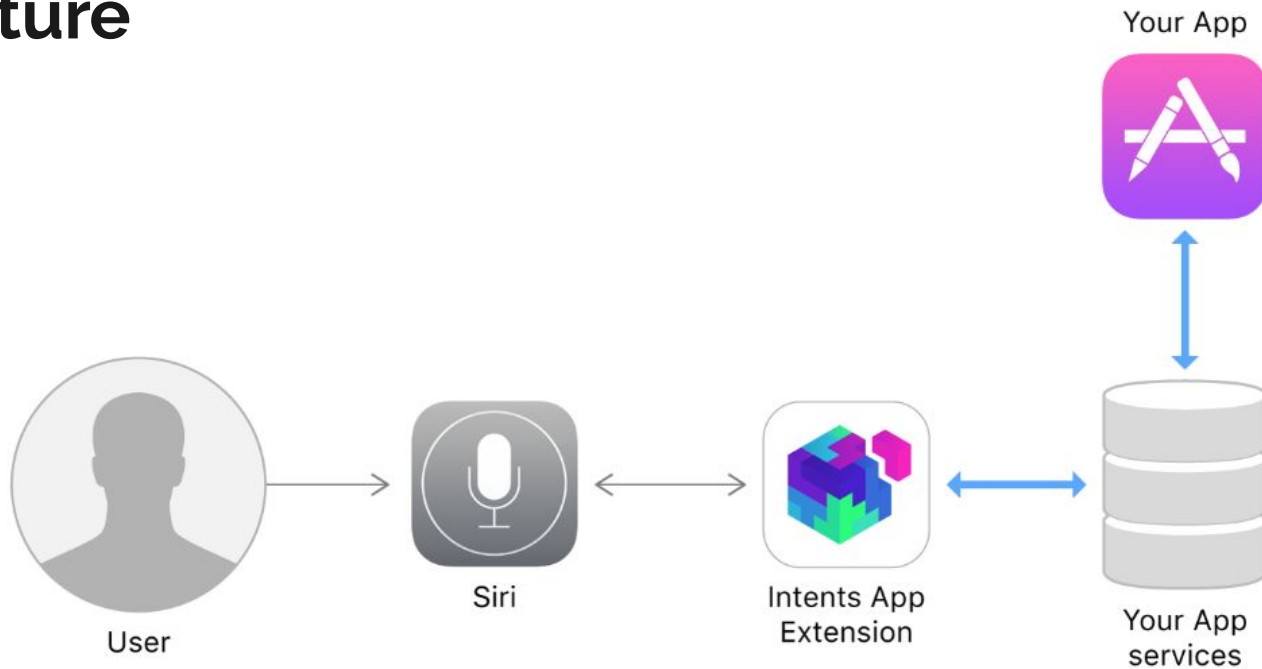


Frameworks: Sirikit

- Allows access to Siri; Contains Intents and Intents UI frameworks
 - Receives user requests and translates into app-specific actions within and out of app:
 - Adding/Recording list
 - See/Display list
 - Delete from list



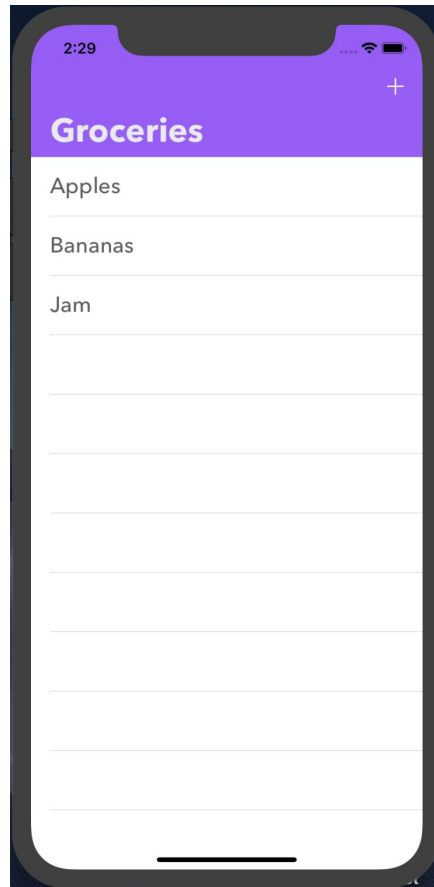
Structure



How our application works

Grocery List:

- Creates and manages a list
 - Can add and remove items
- Utilizes Sirikit to:
 - Add items
 - Delete items
 - Access list both inside and outside of application



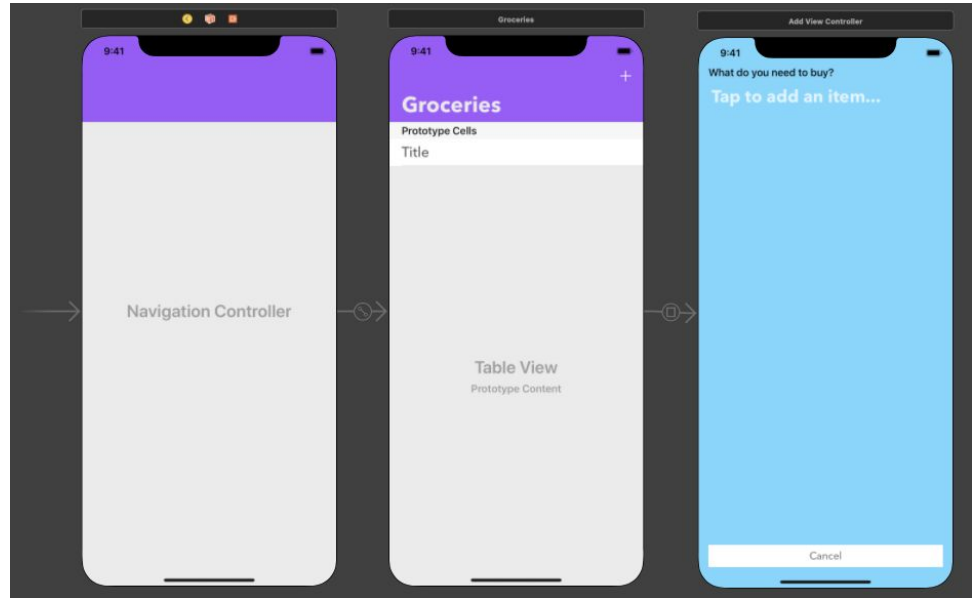


Design and Development Process

1. Brainstorm
 - Created our own ideas, then discussed which was best - Grocery List
2. Planning
 - Discussed what features we would like to include in our app
3. Prototype & Peer Feedback
 - Created basic version of app accessible without Sirikit
 - Feedback from peers allows us to consider further functions to add to our app
4. Peer Assessment & Further Development
 - Did not have many changes due to lack of access to Sirikit, got feedback based on what we had
 - Still had no access to Sirikit, simply refined table
5. Adding Sirikit functions into our app
 - Finally got access to Sirikit and began development on adding the Sirikit related functions

Brainstorming and Planning

- Brainstormed multiple ideas from different kits
- Chose to create a Grocery List
- Focus on simplicity
- Focus on getting basic functions down:
 - Adding
 - Deleting
 - Display





Peer Feedback & Further Development

- Feedback gave ideas for extra features:
 - Implementation of multiple lists
 - Retaining deleted items
 - Activating Siri from within the app
 - Siri reading the list out loud
- Completed functions allowing manual adding and deleting of items
- Adding Sirikit functions

☐  **multiple lists** enhancement
#4 opened 14 days ago by divrajsingh

☐  **deleted items** enhancement
#3 opened 14 days ago by divrajsingh

☐  **use a button that activates siri** enhancement
#2 opened 14 days ago by divrajsingh

☐  **Reading the list out loud** enhancement
#1 opened 14 days ago by jaerisha

☐  **plus button does not work yet**
#5 by 13214756 was closed 2 days ago

App demo time!

