

# Project 1 Plan

Mobile Application Development

ATLS 5120








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## Lists

### Description

I'm going to be making an app for my mom. She does not like the default Apple "Notes" app and wants a better app. My app will be called "Lists". It will be similar to the "notes" app, but it will change a few features. There will still be the ability to create a new list and add things to that list. However, the app will start on the list of lists view and not the last list that was edited (unlike the iPhone app). Each list will have a name/title field, so the first line will not be the name of the list (also unlike the iPhone app). Then each list will be able to add items/lines, just like the iPhone app, however each line will also have a checkbox next to it, so it can be "deleted" instead of deleting each character on the line. Finally, each list will have sections that can be collapsible. If I have time, I would like to have a link (similar to a hyperlink) from list to list.

### Sketch

All Lists 	List 1 	List 1 
List 1 	Section 1	Section 1
List 2 	<input type="checkbox"/> Item 1	Item 1
	<input type="checkbox"/> Item 2	Item 2
	<input type="checkbox"/> Item 3	Item 3
	Section 2	<input type="text"/>
	<input type="checkbox"/> Item 1	Section 2
	<input type="checkbox"/> Item 2	
		

### App Flow

Here are the features I will implement, in-order:

- Create a list view with different lists on different views
- Get the list view to be able to switch between the editing and checkbox views
- Get editing view to add 1 item
- Persist the data with plist
- Add the sections on the list view
- On the checkbox view, add crossing out the list item
- Add linking to other lists
- Change persisting data from plist to iCloud