

# What Am I Doing?

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## Overview

This application is a To-Do list that helps users organize their daily tasks. Users will be able to create lists and enter or remove entries for a selected list. Each entry will have the option to add further details/descriptions upon user selection.

## App Evaluation

### Category – *Utility*

### Choice of Platform – *Mobile*

The mobile platform is more accessible for a utility application. Users can consistently have access to their lists throughout the day by using their phones.

### The Purpose and Origin

The app's purpose is to organize tasks for the user. It's conception can be credited to my personal experiences this school semester. Having a personal log book could possibly boost my work ethic. Taking inspiration from the sticky notes and quest books from video games, I strive to organize lives one list at a time. The project is adjusted to match the confidence and knowledge of Swift and its surrounding components.

### Market

This app will appeal to anyone who is looking for an alternative in day-to-day organization. This app would be freeware in order to appeal to a larger audience, and would host advertisements for revenue.

### Behavior

Users will access the app through a login screen and create lists that are tied to an accountID. Users will add/remove entries to each list with the option to include details to each entry in a given list.

### Scope

At the minimum, users should be able to create lists with detailed descriptions to each entry within the list. Users should also be able to edit and remove these entries from the list. Ideally, users should be able to login to a cloud database so their lists are accessible regardless of device they use. Finally, enhance UI/UX elements of the app.

# Specifications

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## Data

User data will be stored using back4app or SQL

## At the minimum..

- Users will be able to create lists
- Users will be able to add and remove entries from lists
- Users will be able to create and edit the details of each entry
- Users will be able to navigate seamlessly from screen to screen

## Ideally..

- Users will be able to create an account
- User lists will be synced to their account
- Users can choose to export their lists

## Screen Archetypes

### Login

- Users can login..
- ..or create an account..
- ..or skip the process altogether

### Create Screen

- User account creation
- Assign userName to accountID
- Or skip the process

### Main Screen

- Data (lists) is requested from local or cloud database and displayed using a table view/list view for the user
- Lists can be created, edited, or deleted

### List Screen

- Displays a detailed view of a list upon user selection.
- Users will have the option to add, edit, or remove entries in the list.

### Details

- Displays a detailed view of an entry of a list upon user selection

## Navigation

Login -> Account Creation or Main Screen

Account Creation -> Main Screen

Main Screen -> List Screen -> Details

# Milestones

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## Milestone 1

- ☐ Create Storyboard and Storyboard elements
- ☐ Path screen-to-screen navigation

## Milestone 2

- ☐ Implement functionality to tables (Adding/Removing/Editing Lists)
- ☐ Implement entries and detail elements for lists

## Milestone 3

- ☐ Implement login system and accountID dictionaries
- ☐ Create and implement database

## Milestone 4

- ☐ UI/UX polish
- ☐ Exportation of lists

# Wireframe/Schema

Property	Type	Description
listName	String	Name and acting ID for a user's list
userName	String	The name for login and dictionary key for corresponding accountID
userPass	String	Alpha-numerical password for account verification
entryName	String	The title for each entry in a given list
entryDetail	String	Text for the details of a given entry
accountID	Integer	Uniquely generated number for each user

