

Name and description of project:

Ducky Money is an app that allows users to track their expenses and get rewarded with “ducky money” to customize their personal duck.

Dependencies list (A list of dependencies needed to build and run your project. (Swift version? Xcode version? Are there any packages or pods we need to install first?)):

This app uses a Pie Chart feature that is only available in iOS 17. Make sure the minimum deployment is in iOS 17. I also used Xcode 15 to code, so make sure you also have Xcode 15.

Special Instructions (Any special instructions we will need to know to test your app. Which simulator do we need to use? Portrait mode, landscape mode, or both? Did you provide a test account with sample data already loaded in? If so, what are the userids and passwords? Do we need to launch multiple simulators to play a multiplayer game? ):

This app needs the simulator to be on your phone. To test the sign in feature, you can use an email and password, but if you want to go straight to the login page, you can use the email “[hannahsepnio@gmail.com](mailto:hannahsepnio@gmail.com)” and the password “RTaAH100”.

## Required Feature Checklist

- ☒ Settings screen. The two behaviors implemented are: Dark mode and Sound on or off
- ☒ Non-default fonts and colors used

### Two major elements used:

- ☒ Login/register path with Firebase
- ☐ Core Data
- ☐ User Profile path using camera and photo library
- ☐ Multithreading
- ☒ SwiftUI

### Minor Elements used:

- ☒ Two additional view types such as sliders, segmented controllers, etc. The two implemented are: Tab VC and toggle switches

At least one of the following:

- ☒ Table View (in the duck shop)
- ☐ Collection View
- ☐ Tab VC
- ☐ Page VC

At least one of the following:

- ☒ Alerts (error message when logging in or signing up incorrectly)
- ☐ Popovers
- ☐ Stack Views
- ☐ Scroll Views
- ☐ Haptics
- ☐ User Defaults

At least one of the following:

- ☐ Local notifications
- ☐ Core Graphics
- ☐ Gesture Recognition
- ☒ Animation (loading screen)

- ☐ Calendar
- ☐ Core Motion
- ☐ Core Location / MapKit
- ☐ Core Audio
- ☐ Firebase (if not used to fulfill Major Element requirement)
- ☐ Core Data (if not used to fulfill Major Element requirement)
- ☐ Other (such as QR code, Koloda, etc.) with approval from the instructor – list them