**INFO 6350 Fall 2024**

**Assignment 11**

Continue working on the assignment 10 and build a Swift UI based application that allows managing customer profiles and their associated insurance policies.

Implement full CRUD (Create, Read, Update, Delete) operations for both customers and policies, with profile picture management using Core Data/SQLite for data persistence and constraint checks for customer and policy entities.

**Requirements:**

* While adding a new customer, add the profile picture to upload while creating a customer and implement the update profile picture while updating the customer.
* Ensure that validation and error handling are implemented throughout the  
  app, with appropriate alerts for missing or invalid fields.
* Add Button: Include an "Add" button in the navigation bar to add new  
  items (customers, policies).
* Update the customer and policy by opening a new view when clicked on any List Cell.
* Keyboard Management: Ensure appropriate keyboards are used (e.g.,  
  numeric for IDs, dates, etc.).
* Use NavigationView, List, Form, Image, Text Field, and Date Picker components to build the user interface.
* Make sure you have implemented the Tab Bar and search functionality from the previous assignment.
* Use a Mock API to fetch data and prepopulate the project for the "Customer" and "Policy" entities.