**INFO 6350 FALL 2024**

**Assignment # 8**

This assignment will consist of adding data persistence and a search feature to the previous assignment:

**Search Feature:**

Search by:

1. Customer Name
2. Policy ID
3. Claim ID

Error handling should be implemented. If you try to search for an entity that is not present, the app should show a meaningful error message.

**Data Persistence:**

1. You can use either a database or CoreData framework.
2. If using a database:
   * Save the records in an SQLite database.
   * The application should include an initial database that contains a few records.
   * Upon first running, the app should copy the initial database to the Documents folder.
   * Any addition, deletion, or modification should be saved to the database.
   * Load data from the database only upon startup, but save it each time there is a change (addition, deletion, or modification).

**Additional Requirements:**

* The previous assignment's requirements, such as error handling, data validation, appropriate keyboard usage, back buttons, and update/delete logic, will also be checked.

**Notes:**

1. Do not use SwiftUI; marks will be deducted if used.
2. No Crashes: The app should not crash during use.
3. Use separate views for Add, Update, and Search. Do not use UIAlert for these.
4. Please watch the **Core Data** recording in canvas(Panopto Video)