Use Case Narrative - Cycle 3

Use case: App Startup
Actors: App User
Purpose: To create a maneuverable family tree with edit, search, and addition functions. Family tree will be fully interconnected, using a hashmap data structure.
Overview: User will launch the app that will use a file to read-in an existing tree. User will select which action to perform after read-in until they are satisfied and exit the app, triggering the writing of a tmp output file.
Type: Essential
Preconditions: The user is launching the app for the first time and has not interacted with the data set before. The user provides a readable text file for creating the family tree, or the app will use default Johnson family tree text file.
Postconditions: The user can save the created tmp file if they would like.
Special Requirements: N/A

Flow of Events

Actor Action	System Response
1. User launches app and provides read-in file	1. The hashmap is created, main menu launches, and the user can select how to proceed.