|  |  |
| --- | --- |
| Use case : | ReadFile |
| Iteration: | 1 |
| Primary Actor | User |
| Goal in context: | To read and separate data from the text file into the program |
| Precondition: | The text file contains data from a family tree |
| Scenario: | 1. File loads up 2. Text file is opened 3. Family data is separated into different objects 4. The data can be used to search |
| Exceptions: | 1.Text file doesn’t have any data  2. The format of file wasn’t received properly |
| Priority | Essential |
| When available: | First increment |
| Frequency of use: | 1 |
| Open issue: |  |

|  |  |
| --- | --- |
| Use case : | ExploreGraph |
| Iteration: | As many as needed |
| Primary Actor | User |
| Goal in context: | Searching for a name through the family tree and be able to show results |
| Precondition: | The program has already implemented the text file |
| Scenario: | 1.user imports text file  2. Display graph  3. user presses ‘2’ at menu to explore through graph – Using first name |
| Exceptions: | 1.The program didn’t import properly  2. The name didnt come up with results because naming issue |
| Priority | Not necessary extra feature |
| When available: | First increment |
| Frequency of use: | As many searches as needed |
| Open issue: |  |