**User Interface – storyboard/wireframe**

**Main menu:**

Glasgow Runners Club

1. Login

**Login screen:**

Glasgow Runners Club

Please enter password to login

Password:

**Incorrect attempt example:**

Glasgow Runners Club

Incorrect password – 2 attempts remaining

**No attempts remaining:**

Glasgow Runners Club

Incorrect password – no attempts remaining.  
Program will now close.

**Close Program Choice:**

Glasgow Runners Club

Closing program

**Choices menu:**

Glasgow Runners Club

1. Read and Display file
2. Sort and Print Recorded Times
3. Find and Print Fastest Time
4. Find and Print the Slowest Time
5. Search
6. Time Occurrence
7. Exit Program

**Read and display file choice**

Glasgow Runners Club

1. Read and Display file

\*\*This is where the information from the file will be displayed\*\*

**Sort and Print Recorded times choice**

Glasgow Runners Club

1. Sort and Print Recorded Times

\*\*This is where the sorted information will be displayed\*\*

**Find and print fastest times choice:**

Glasgow Runners Club

1. Find and Print Fastest Time

\*\*This is where the fastest time will be displayed\*\*

**Find and print slowest time choice:**

Glasgow Runners Club

1. Find and Print the Slowest Time

\*\*This is where the slowest time will be displayed\*\*

**Search:**

Glasgow Runners Club

1. Search

Please enter a time in seconds

User input: 64.5

**Time Occurrence:**

Glasgow Runners Club

1. Time Occurrence

Please enter a time in seconds

User input: 75.5

Glasgow Runners Club

1. Time Occurrence

\*\*This is where the time occurrence results will be displayed\*\*

**Exit Program:**

Glasgow Runners Club

7. Exit Program

Closing program