Logging in:

Do you want to log in or shut down?

(User Input)

(if user inputs shut down)

Shutting down system…

(End program)

(if user inputs log in)

Username:

(User Input)

Password:

(if user inputs incorrect username or password, user is prompted to enter in Username and Password)

(If user incorrectly enters username or password 3 times)

You have entered in an incorrect username or password too many times

You have been locked out

(End Program)

(If correct username and password is entered)

(takes user to menu screen)

Menu Screen:

Please select a function:

1. Add A Competitor
2. Remove A Competitor
3. Complete Reaction Time Tests
4. Enter Climb Times
5. Show Competitor Details
6. Produce Reports
7. Log Off

(If user enters 1, takes user to Entering Competitor Details)

(if user enters 2, takes user to Removing Details)

(if user enters 3, takes user to Reaction Tests)

(if user enters 4, takes user to Entering in Climbs)

(if user enters 5, takes user to Showing Competitor Details)

(if user enters 6, takes user to Report Menu)

(if user enters 7, takes user back to Logging off)

Entering Competitor Details:

To enter in a competitor, please enter in their first name:

(User input)

Enter their last name:

(User input)

Phone number:

(User input)

Postcode:

(User input)

And Email Address:

(User input)

Shows user all entered data

Is this correct?

(If no, the user is prompted to renter data)

(if yes, the user is assigned a number and data is stored to the CSV file)

Do you want to add another competitor?

(if yes, the user is prompted to enter in another competitor’s details)

(if no, system returns to menu screen)

Reaction Time Tests:

Please enter the competitor’s assigned number:

(User input)

Press the Enter button when the word “CLICK” appears:

CLICK

(User input)

CLICK

(User input)

CLICK

(User input)

Your three times were: (times)

Your average time was: (Average time)

(time recorded to CSV file)

Press enter when the Number 5 appears:

3

Reports:

The 4 types of reports are:

1. Overall competitor report based on individual performance
2. Leader board of reaction test results
3. Lead board of climb times
4. Overall leader board based on reaction and climb times

(if user enters 1, a report is shown of a single competitor’s details)

(if user enters 2, a report is shown of reaction time scores)

(if user enters 3, a report is shown of climb scores)

(if user enters 4, a report is shown of an overall leader board)

Do you want to produce another report?

(if yes, the user is taken back to the start of the report menu)

(if no, the user is taken back to the menu screen)

75

6

90

15

5

(User input)

Your time was: (time)

(repeated 3 times)

Your average time was: (Average time)

(Time recorded to CSV)

Enter In the word that appears on screen:

WonderWalls

(User input)

(repeated 3 times with different words)

Your times were: (times)

Your average time was: (Average time)

(time recorded to CSV)

(System returns to menu screen)







