|  |  |  |  |
| --- | --- | --- | --- |
| Test | Expected Output | Actual Output | Notes |
| Leaving an empty field | Error message | Unexpected error message | Make the field required |
| Entering a wrong age | Error message | Continues as if nothing is wrong | Make a minimum value of 16 in the HTML code |

Test (1): HTML form page

Test (2): Python CGI cost calculation and data storing page

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| --- | --- | --- | --- |
| Test | Expected Output | Actual Output | Notes |
| Storing the membership option | It is stored as Boolean 0,1 | Only stores as 1 | Making it by default as 0 unless the membership option was passed as 1 |
| Updating data of a specific user of the same email | Changing values in the same row | Prints the values in a new row | Treats the new input as the same user present and replacing old values with the new ones |
| Entering a new user | Generating new row in the table | Unexpected error message | Treats the new data as for a new user for him using a (cursor) argument in the function call |
| Adding the joining fee to the cost | Displaying the price with the joining fee included | Displaying it excluding the joining fee | Calculating the joining fee only if the user did not choose a membership plan |
| Applying the discounts | Displaying the price with the discount if necessary | Applying it on the physiotherapy & message | Applying the discounts only on the services that shall have a discount |
| Applying the discounts | Displaying the price with the discount if necessary | Not applying the discounts at all | Applying the discounts if the user is eligible to |
| Applying the discounts | Displaying the price with the discount if necessary | Applying the discounts all the time | Applying the discounts only if the user is eligible to |
| Applying the biggest discount | Displaying the price with the biggest discount being applied to it | Displaying the price only for one discount either student discount or age discount, but not according to the value | Applying the biggest discount only if the user is eligible for more than one discount |
| Applying the biggest discount | Displaying the price with the biggest discount being applied to it | Displaying the price after applying both discounts to it | Applying only one discount which is the biggest one |
| Recommending the best gym | Displaying a message with the cheapest gym for user | Always displaying ugym | Changing the cost calculation technique so that ugym is no longer the cheapest all the time |

Test (3): HTML payment page

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| --- | --- | --- | --- |
| Test | Expected Output | Actual Output | Notes |
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Test (4): Python CGI membership ID generation page

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Expected Output | Actual Output | Notes |
| Entering an email already assigned with a membership ID | Error message | Unexpected error message | Generating an HTML error message page telling the user about the problem |
| Entering an email that is not present in the database | Error message | Unexpected error message | Generating an HTML error message page telling the user about the problem |

Test (5): HTML signup page

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Expected Output | Actual Output | Notes |
| Entering an email not present in the database | Error message | Unexpected error message | Displaying an HTML page error message telling the user about the problem |
| Entering an email not assigned with a membership ID | Display the information of user without the membership ID and ask user pay | Same | None |

Test (6): Python CGI signup page

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Expected Output | Actual Output | Notes |
| Displaying user information | Displaying the membership ID in the personal information section | Displaying it in a third section | Editing the HTML sequence to make sure it is displayed with the personal information |