***Test Plan – BMI Tracker***

When testing our application, we will be using the top-down approach as this will allow us to test the application as a whole and then test each individual section of the program to make sure they are communicating the correct information across each form.

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| --- | --- | --- | --- | --- |
| ***Action Performed*** | ***Expected Outcome*** | ***Actual Outcome*** | ***Evidence*** | ***Comment(s)*** |
| Enter name, weight and height and press calc with valid data | BMI calculated and displayed | BMI calculated and displayed |  | As expected |
| Enter invalid height or weight and press calc | Error message shown | Error message shown |  | As expected |
| Click “Add New Weight” | Add weight form shown | Add weight form shown |  | As expected |
| Enter valid number into add weight form | Success message shown and data added to db | Success message shown and data added to db |  | As expected |
| Enter invalid number into add weight form | Error message | Error message prompting for valid input |  | As expected |
| Press info button | Info form loads | Info form loads |  | As expected |
| Press links from info page | Page opens in browser | Page opens in browser |  | As expected |
| Press home from info page | Returns to main form | Returns to main form |  | As expected |
| Press graph button | Graph form loads | Graph form loads |  | As expected |
| Press load on graph form | Graph loads with data from database | Graph loads with data from database |  | As expected |
| Press “X” on graph page | Return to main form | Return to main form |  | As expected |
| Press stats button | Stats page loads with data entered | Stats page loads with data entered |  | As expected |
| Press timers button | Timer form loads | Timer form loads |  | As expected |
| Start a timer | Timer starts counting down | Timer starts counting down |  |  |
| Press exit | Program ends | Program ends |  | As expected |