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| **SNo.** | **ACTION** | **INPUTS** | **EXPECTED OUTPUT** | **ACTUAL OUTPUT** | **TEST BROWSER** | **TEST RESULT** |
| 1 | Launch application | index.html | HTML web page opens on a local server | Webpage opened | Chrome Version 71.0.3578.98 | PASS |
| 2 | Starting the simulation | Click on “START” button | Animation starts inside the outlined setup. On completion Alert message displays: “Simulation Completed!” | Animation started inside the outlined setup. On completion Alert message displayed: “Simulation Completed!” | Chrome Version 71.0.3578.98 | PASS |
| 3 | Stopping simulation before completion | Click on “RESET” button | Page reloads | Page reloaded | Chrome Version 71.0.3578.98 | PASS |
| 4 | Reducing the browser window size down to width less than 1100px | NA | Alert message occurs stating: “Please view the experiment in full desktop browser window”. Calculations can be performed. | Alert message occurred stating: “Please view the experiment in full desktop browser window”. Calculations can be performed. | Chrome Version 71.0.3578.98 | PASS |
| 5 | Clicking the “START” button while the simulation is already running | Click on “START” button while simulation is running | Alert message occurs stating: “Simulation is already running!” | Alert message occurred stating: “Simulation is already running!” | Chrome Version 71.0.3578.98 | PASS |