|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test case | Input | Expected output | Actual input | Comments. |
| Range limiter |  |  |  |  |
| 1 | “Aberdeen” into address box | Nothing | Nothing |  |
| 2 | 6 into miles box. | Nothing | Nothing |  |
| 3 | Click enter | All markers should disappear. | All markers disappear. |  |
| 4. | “Rhynie” into address box. | Nothing | Nothing |  |
| 5. | 1 into miles box | Nothing | Nothing |  |
| 6. | Click enter | Only corner shop marker should be present. |  |  |
| 7. | “Aberdeen” into the address box | Nothing | Nothing |  |
| 8. | 26.5 into the miles box. | Nothing | Nothing |  |
| 9. | Click enter | Kellockbank should be the only one that shows up. | Kellockbank is the only marker that shows up. |  |
| 10. | Enter Aberdeen into the address box | Nothing | Nothing |  |
| 11. | Enter 30 into the miles box. | Nothing | Nothing |  |
| 12. | Click enter | Kellockbank and Morgan McVeighs should be the only ones that show up. | Kellockbank and Morgan McVeighs are the only markers that show up. |  |
| 13. | Enter “gijfgerijghb” into addressbox | Nothing | Nothing |  |
| 14. | Enter -1 into the miles box | Nothing | Nothing |  |
| 15. | Click enter. | Should not crash, and/or print out an alert which says “ZERO\_RESULTS” | Does not crash, nothing basically happens. Type errors are present in the console log.  “Uncaught TypeError: Cannot read property 'distance' of undefined”  “Uncaught TypeError: Cannot read property 'value' of undefined” |  |
| 16. | Enter Aberdeen into the address box | Nothing | Nothing |  |
| 17. | Enter “twenty” into the miles box. | Nothing | Nothing |  |
| 18. | Click enter | Should not crash, however no results will appear. | Map continues to function as normal. |  |
| 19. | Enter Stockholm into the address box | Nothing | Nothing |  |
| 20. | Enter 1800 miles into the address box | Nothing | Nothing |  |
| 21. | Click enter. | Assuming math is right, all markers should appear. | All markers appear |  |
| Directions – any page since the code is near 99.8% identical. For this case we will test the most recently created page: Kellockbank’s direction page. |  |  |  |  |
| 22. | Enter Aberdeen into the address box. | Nothing | Nothing |  |
| 23. | Click enter. | Should display a route, with correct milege and time. Please post results in actual output. | Works properly –  Distance: 56.3  Time: 1 hour 22 mins |  |
| 24. | Enter London in the address box. | Nothing |  |  |
| 25. | Click calculate. | Should display a route originating from London, please post the time and distance in actual output. | Works properly –  Distance: 571 Mi  Time: 9 hours 59 minutes |  |
| 26. | Enter Paris in the address box. | Nothing | Nothing |  |
| 27. | Click calculate | Should return “ZERO\_RESULTS” | Actually calculates the route –  Distance: 868 mi  Time: 14 hours 37 mins. |  |
| 28. | Enter Birmingham into the address box. | Nothing | Nothing |  |
| 29. | Click calculate. | Should continue to work, please post in the distance value and the time value. In actual output. | Does not calculate route. This is probably a google api database issue. Is think by specifying the country. |  |
| 30. | Enter Birmingham, uk into the addressbox | Nothing | Nothing |  |
| 41. | Click Calculate | Should display route. | Displays route now.  Distance: 449 mi  Time:  7 hours 53 mins |  |
| 42. | Enter Boston, United states into the addressbox | Nothing | Nothing |  |
| 43. | Click Calculate | Should bring up an alert box saying “ZERO\_RESULTS” | Brings up alert message saying “ZERO\_RESULTS”. | The “ZERO\_RESULTS” message has now been updated to be more user friendly. It will now tell the user that the route could not be calculated. |
| 44. | Click on Get location now | Should calculate a route. | Calculates a route. | Dependant on internet connection. |
|  |  |  |  |  |