White Box Testing:

| Test | Data | Expected Result | Description |
| --- | --- | --- | --- |
| ShortestPathTests5 | Map dimensions: 25x25, start: (0, 12), destination: (24, 12) | 25 point route | Test the shortest path when the start and destination are both on the edge of the map. |
| ShortestPathTests6 | Map dimensions: 25x25, start: (10, 10), destination: (15, 15) | 6 point route | Test the shortest path when the start and destination are diagonal to each other. |
| ShortestPathTests7 | Map dimensions: 25x25, start: (0, 0), destination: (4, 4) | No path (0 points) | Test the shortest path when there is no possible path available. |
| ShortestPathTests8 | Map dimensions: 25x25, start: (0, 0), destination: (24, 24) | 48 point route | Test the shortest path when the start and destination are far apart, diagonal path across the map. |