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| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Test Name | Purpose | Target on screen | Test Data/Simulation | Expected Result | Actual Result | Outcome and Actions required |
| 1. | Rotate crossing | 1. Crossing will be rotated 90 degrees counter clockwise 2. The properties of the 4 roads will be swapped.  3. Flow will be altered appropriately as well.  Test all above 3 requirements whether to reach under different simulation states. | Grid->Crossing->Right click menu->Rotate | 1.When simulation is in “Initial state”  2.When simulation is running  3.When simulation is paused | 1. User is able to rotate existing crossing on the grid cell. All 3 requirements will be fulfilled.  2. User is not allowed to rotate crossing. All 3 requirements stay same as previous setting.  3. User is not able to rotate existing crossing on the grid cell. All 3 requirements stay same as previous setting. |  |  |
| 2. | Modify traffic light | 1. Interval times of states will be changed follows rules.  2. Able to change input of state.  Test all above 2 requirements whether to reach under different simulation states. | Hover over a crossing->click left corner output icon->setting window | 1.When simulation is in “Initial state”  2.When simulation is running  3.When simulation is paused | 1. User is able to modify traffic light for certain crossing on the grid cell. All 2 requirements will be fulfilled.  2. User is not allowed to modify traffic light for crossing. All 2 requirements stay same as previous setting.  3. User is not allowed to modify traffic light for crossing. All 2 requirements stay same as previous setting. |  |  |
| 3. | Alter flow for crossing | Test modifying flow whether is available, under different simulation states. | Grid->Crossing->Right click menu->crossing setting->flow setting | 1.When simulation is in “Initial state”  2.When simulation is running  3.When simulation is paused | 1. User is allowed to alter flow for existing crossing on the grid cell.  2. User is not allowed to alter flow.  3. User is not allowed to alter flow. |  |  |
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## Purpose:

Explains what the purpose of the taken test is. In our case we want to check if we can redirect our user to the main menu screen under certain conditions.

## Target on screen:

The actual screen commands the user will interact with.

## Test Data/Simulation:

Test our actions under different kinds of conditions and with different kinds of data to check if we have captured all the exceptions and if we take necessary precautions to prevent the action from crashing.

## Expected Result:

What is the expected result in each different case we ran the test.

## Actual Result:

The actual result that occurred during the test.

## Outcome and actions required:

Compare the Expected results and the actual results to come to a conclusions what kind of actions are to be taken to fix the inaccuracies.