**Test cases**

Consider the sprint task #38 – Modify the display of current target

Some of the test cases for this task are as follows:

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| --- | --- | --- | --- |
| Test case #sprint 6 | Scenario | Input(s) | Expected output |
| 1 | User click “FINISHED”, then switch to graph view | Button click | The “current target” shows the target that selected by the agent |
| 2 | User click “RUN 1 STEP”, then an agent is arrived at its target | Button click | The “current target” of this agent is changed to the next target it selects |
| 3 | User click “RUN 1 STEP”, then an agent is not arrived at its target | Button click | The “current target” of this agent is not changed |

Consider the sprint task #40 – Modify the error message to be more specific

Some of the test cases for this task are as follows:

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| --- | --- | --- | --- |
| Test case #sprint 6 | Scenario | Input(s) | Expected output |
| 1 | User upload the configuration file with incorrect format | Configuration file with incorrect format | Prompt file format error |
| 2 | User upload the configuration file that contains an agent which is out of the region | Configuration file that contains an agent which is out of the region | Prompt that an agent is out of the region and show the coordinates of this agent |
| 3 | User upload the configuration file that contains a region which is out of the environment | Configuration file that contains a region which is out of the environment | Prompt that a region is out of the environment and show the id of this region |
| 4 | User upload the configuration file that contains two joint regions | Configuration file that contains two joint regions | Prompt that there are two joint regions and show the ids of these regions |
| 6 | User upload the configuration file that contains an isolate open space | Configuration file that contains an isolate open space | Prompt that there is an isolate open space and show the coordinates of the open space |
| 7 | User upload the configuration file that contains a region with no agent | Configuration file that contains a region with no agent | Prompt that there is a region with no agent and show the coordinates of this agent |