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| Test Case # | Test Case Description | Setup | Test Steps | Expected result |
| 1 | Icon click test | Open html page (with standard link without modifying it, it should be grid 4\*4) | 1. Click on any icon in grid 2. Click again on same icon in grid | After first step icon should change the color to red  After second step icon should change color to grey |
| 2 | Testing the default size of grid | Open html page (with standard link without modifying it, it should be grid 4\*4) | 1. Fill outer perimeter by clicking on icons:      1. The prompt box should appear      1. Write in input box number 3 and press ok. 2. Repeat setup and test steps for all numbers in range from 4 to 9 . | After setup the grid should be filled with not active icons:    After step one, the prompt box should appear. The input should contain default number 5:    After step 3 the grid should have appropriate number of columns and rows. For example if you wrote 5 at step 3 it should be grid 5\*5. Also none of the icons should be active. |
| 3 | Grid> select size dialog> Cancel btn press check | Open html page (with standard link without modifying it, it should be grid 4\*4) | 1. Fill outer perimeter by clicking on icons:      1. The dialog box should appear. Press cancel btn in this dialog. | After second step the initial grid should be shown. |
| 4 | Testing the inner part of grid | Open html page (with standard link without modifying it, it should be grid 4\*4) | 1. Click on the any inside icon      1. Fill outer perimeter by clicking on icons:      1. Click on the inside icon that was clicked in step one 2. The dialog box should appear      1. Write in input box any number in range from 3 to 9 (For example 5.) and press ok. | On step 1 -2 validate that there is no dialog message if any of the cells on the inside should was clicked.  After step 5 validate that grid have appropriate number of columns and rows |
| 5 | Testing chain of actions | Open html page (with standard link without modifying it, it should be grid 4\*4) | 1. Fill outer perimeter by clicking on icons:      1. The dialog box should appear      1. Write in input box number 3 and press ok 2. Repeat actions from step 1 to 3 for numbers from 4 to 9 | After filling the outer perimeter the dialog box should appear.  After defining the size of the grid, the grid should have appropriate number of columns and rows. |
| 6 | Testing the size of grid lower then 3 or bigger then 9 | Open html page (with standard link without modifying it, it should be grid 4\*4) | 1. Fill outer perimeter by clicking on icons: 2. The dialog box should appear 3. Write in input box number that is lower then 3 and press ok 4. Check the warning message 5. Press ok 6. Fill outer perimeter by clicking on icons: 7. The dialog box should appear 8. Write in input box number that is bigger then 9 and press ok 9. Check the warning message | After step 3 The alert message should appear:    After step 5 default grid 4\*4 should be shown |