Test Plan

ProCP Project

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| **Step №** | **Step Description** | **Test data** | **Expected result** |
| 1 | User clicks Add object button |  | Types of object are shown |
| 2 | User selects type of object | Object type: house | Object is loaded, and ready to be placed |
| 3 | User selects position to place the object | Position on the grid | Object is generated on specified position on grid |

Test case ID:1.1

Test case description: Adding an object to the grid.

Precondition: Program is running

Test case ID: 1.2

Test case description: Selection of object from the grid.

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| **Step №** | **Step Description** | **Test data** | **Expected result** |
| 1 | User clicks any place of the map |  | System checks if there is object on the specified place and if there is, information about it is shown |

Test case ID: 1.3

Test case description: Deleting object from the map.

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| **Step №** | **Step Description** | **Test data** | **Expected result** |
| 1 | User selects an object | Object | System shows information about the object |
| 2 | User clicks on the delete button in the panel |  | System deletes the object from the map and closes the configuration panel |

Test case ID: 1.4

Test case description: Creating a grid

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| **Step №** | **Step Description** | **Test data** | **Expected result** |
| 1 | User types a parameter for axle X | Integer | System display the input of the user in the text field |
| 2 | User types a parameter for axle Z | Integer | System display the input of the user in the text field |
| 3 | User clicks on the Create button |  | System generates a grid based on the parameter entered by the user |

Test case ID: 1.5

Test case description: Moving the camera

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| **Step №** | **Step Description** | **Test data** | **Expected result** |
| 1 | User moves the pointer of the mouse towards the edge of the screen |  | Camera stays on the same position |
| 2 | User reaches the edge of the screen |  | System moves the camera towards the direction of the pointer |