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| --- | --- | --- | --- | --- | --- | --- | --- |
| S. No. | As a <<type of user>> | I want <<some goal>> | So that <<reason>> | Date introduced | Date considered for implementation | Developer responsible for | Current Status |
| 1 | User | Initialize size of  environment | User can choose size of environment by themselves | Jan 27, 2017 | Feb 7,2017 | Weikang Wang | Completed |
| 1.1 | User | Choose the width of the environment | User can choose the width of the environment | Jan 27, 2017 | Feb 7,2017 | Weikang Wang | Completed |
| 1.2 | User | Choose the length of the environment | User can choose the length of the environment | Jan 27, 2017 | Feb 7,2017 | Weikang Wang | Completed |
| 2 | User | Change the type of cells | User can switch between open spaces and blocks | Jan 27, 2017 | Feb 7,2017 | Weikang Wang | Completed |
| 2.1 | User | Switch from open space to block | User can switch from open space to block | Jan 27, 2017 | Feb 7,2017 | Weikang Wang | Completed |
| 2.2 | User | Switch from block to open space | User can switch from block to open space | Jan 27, 2017 | Feb 7,2017 | Weikang Wang | Completed |
| 3 | User | Set up agent positions | User can choose or remove start positions of agents in open spaces | Feb 10, 2017 | Feb 10, 2017 | Weikang Wang | In progress |
| 3.1 | User | Choose agent start position in open space | User can choose agent start position | Feb 10, 2017 | Feb 10, 2017 | Weikang Wang | In progress |
| 3.2 | User | Remove agent start position in open space | User can remove agent start position | Feb 10, 2017 | Feb 10, 2017 | Weikang Wang | In progress |
| 4 | User | Move the agents by one step | User can execute the algorithm step by step | Feb 10, 2017 | Feb 12, 2017 | Ying Jiang | In progress |
| 5 | User | Move the agents by fixed numbers of steps | User can execute the algorithm step by fixed number of steps | Feb 10, 2017 | Feb 13, 2017 | Ying Jiang | In progress |
| 6 | User | Switch between block view and graphical view | User can switch between block view and graphical view | Feb 10, 2017 | Feb 10, 2017 | Dezheng Wang | In progress |
| 6.1 | User | Switch from graphical view to block view | User can switch from graphical view to block view | Feb 10, 2017 | Feb 10, 2017 | Dezheng Wang | In progress |
| 6.2 | User | Switch from block view to graphical view | User can switch from block view to graphical view | Feb 10, 2017 | Feb 10, 2017 | Dezheng Wang | In progress |
| 7 | User | Search the information of a run | User can get the information of a run by key word | Feb 10, 2017 |  |  |  |