# MoSCoW Table: since teacher did not have any comments on this part I suppose this part can remain to be the same.

|  |  |
| --- | --- |
| Use-cases: | Implementation: |
| Add Crossing | Must |
| Delete Crossing | Must |
| Change Crossing | Should |
| Rotate Crossing | Should |
| Modify Traffic Light system | Should |
| Change Traffic Light Setup | Could |
| Alter Flow | Should |
| Navigate | Could |
| Play Simulation | Must |
| Pause Simulation | Must |
| Stop Simulation | Must |
| Create New Project | Must |
| Load Project and Statistics | Must |
| Save Project and Statistics | Must |
| Exit Application | Must |
| Go to Main Menu | Should |
| Undo | Could |
| Redo | Could |
| Reset | Could |

**States: 1 setting, 2 starting, 3 pausing, 4 stopped.**

**Name:** Navigation

**Actor:** User

**Precondition:** system at state 1: setting.

**MSS:**

1. User chooses “navigation” option.
2. User sets the starting point on the screen.
3. User sets the destination point on the screen.
4. User confirms the starting point and destination point.
5. User input the flow number.
6. System calculates the route and executes the “Alter flow” use case with the input flow number for the related roads.
7. System goes to state 2: starting.

**Extension:**

4.1 User cancels the operation.

**Post-condition:** The system simulates the situation and changes the flow of the related roads correctly.

NB: probable change the state name that we decided in the last meeting, sorry I do not really remember them. Perhaps it’s better to post the current state names in the group since we have several versions and they are kind of mixing my mind.