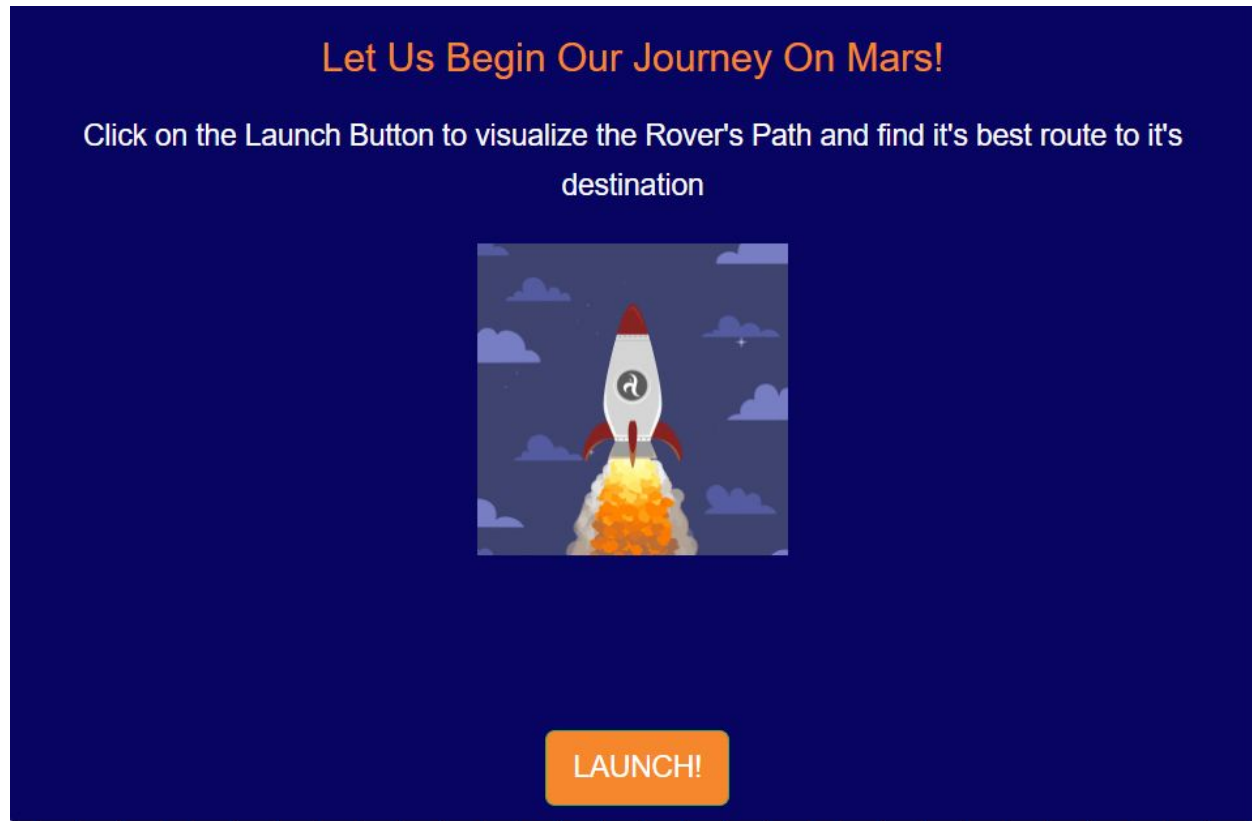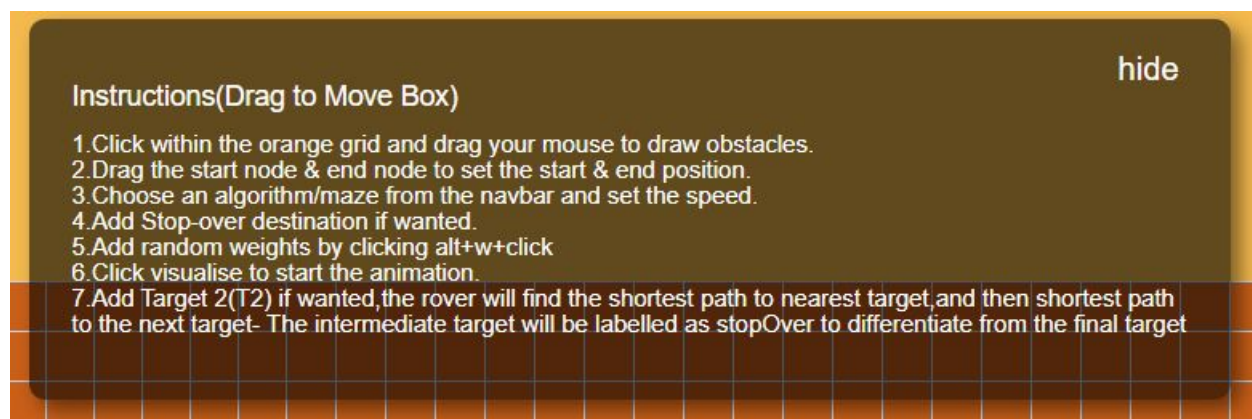## SCREENSHOTS TO SUPPORT PATHFINDING VISUALIZER WEB APP

OPENING POP-UP: when the url is entered, the first screen that the user would see is the pop-up, clicking on the launch button would lead to the PathFinding project.

INSTRUCTIONS BOX: There is a draggable instruction box present on the screen which is a step by step guide of how the application works. It has a hide button as well, clicking on which would make the box disappear after the user has understood the information correctly.

ANIMATION : To constantly remind the user basic steps to follow when the instructions are not visible and make the process easier in a fun way!
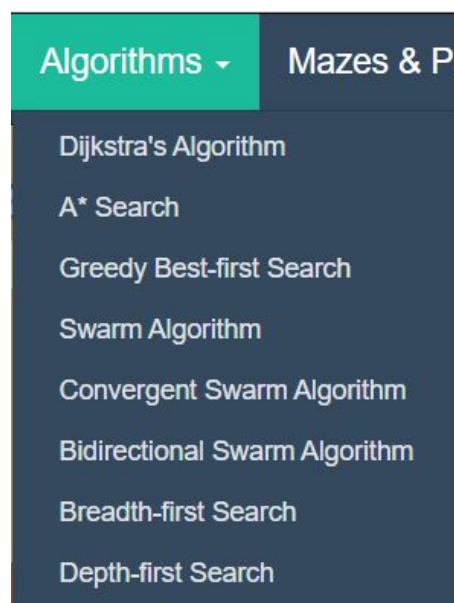

NAVBAR-

- **PATHFINDING VISUALISER BUTTON:** takes the user back to the first page (pop up box), clears all walls, start/end nodes, paths and animations. RESETS THE APP

- **ALGORITHMS DROPDOWN :** gives the option to the user to select from a vast variety of algorithms which is to be used to visualise.

- **MAZES & PATTERN DROPDOWN :** gives the option to the user to select from a vast variety of mazes which can be used to visualise.
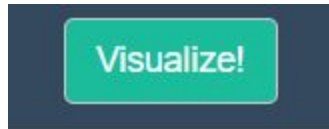

- **ADD STOPOVER -** this button allows the user to provide the rover with a stop-over point- i.e the rover MUST go to this point whether nearer or farther from destination and then only find the shortest path to go to target node

- **ADD SECOND TARGET NODE(T2) :** clicking on this would create a second target.Based on the distance from starting the rover would first go to CLOSER of the two targets and then go to the other target.
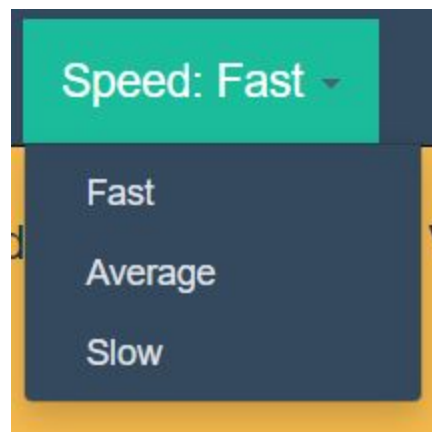
- **VISUALIZE BUTTON-** clicking on this button would start whatever animation is selected from the start node to the target node or to the stopovers if added and display the shortest path traversed

- **CLEAR PATH/WALLS/BOARD -** this is quite self explanatory, and will erase the aspect mentioned whatever button is clicked out of the three

- **SPEED SETTER DROPDOWN :** select the speed in which you want to visualise the algorithms working for a better understanding

- **LEGEND-** showing a list of all the icons used in the web application.