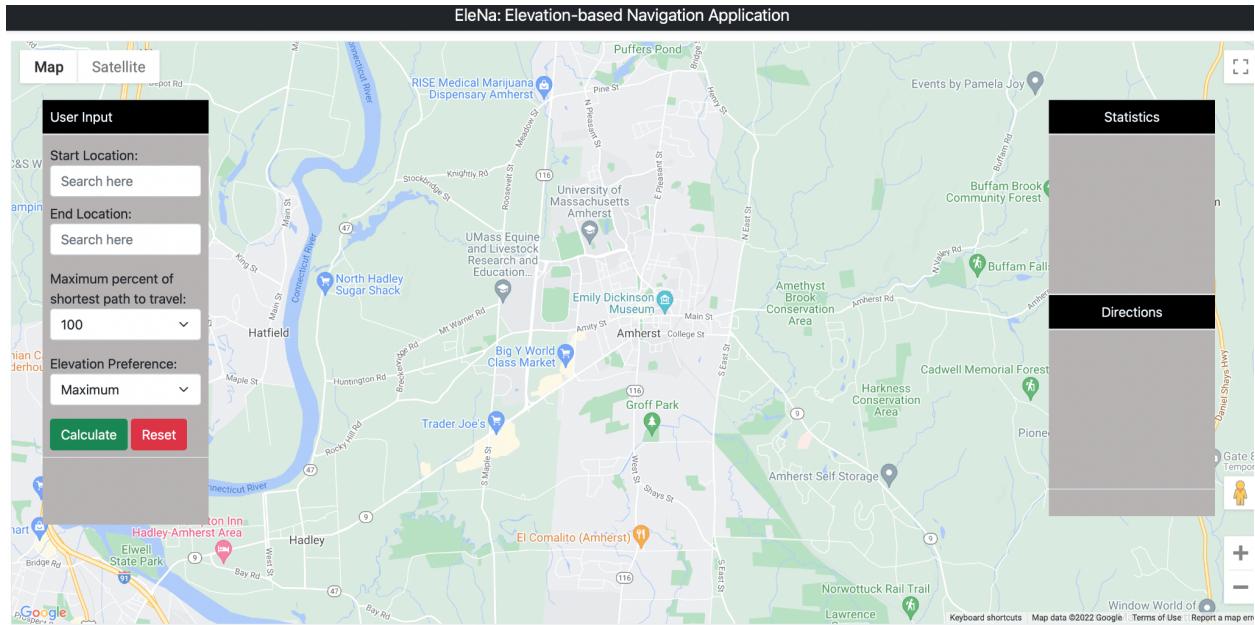


# Testing UI for different cases

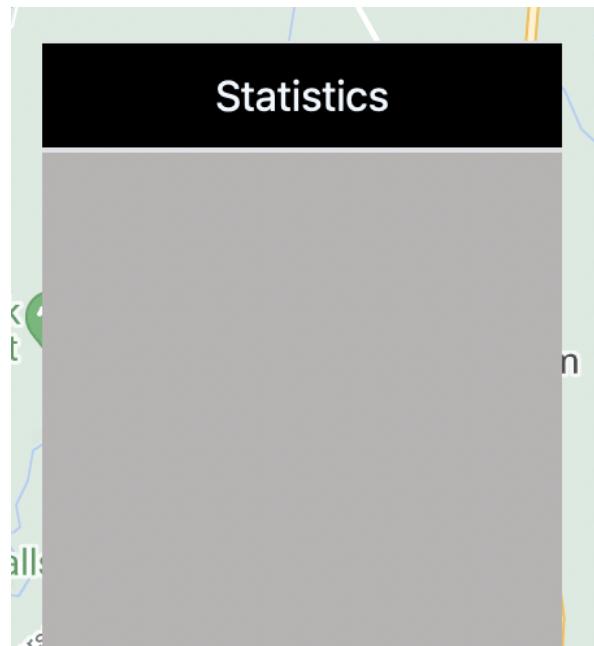
## UI Test cases on Launch

### 1. Initial launch

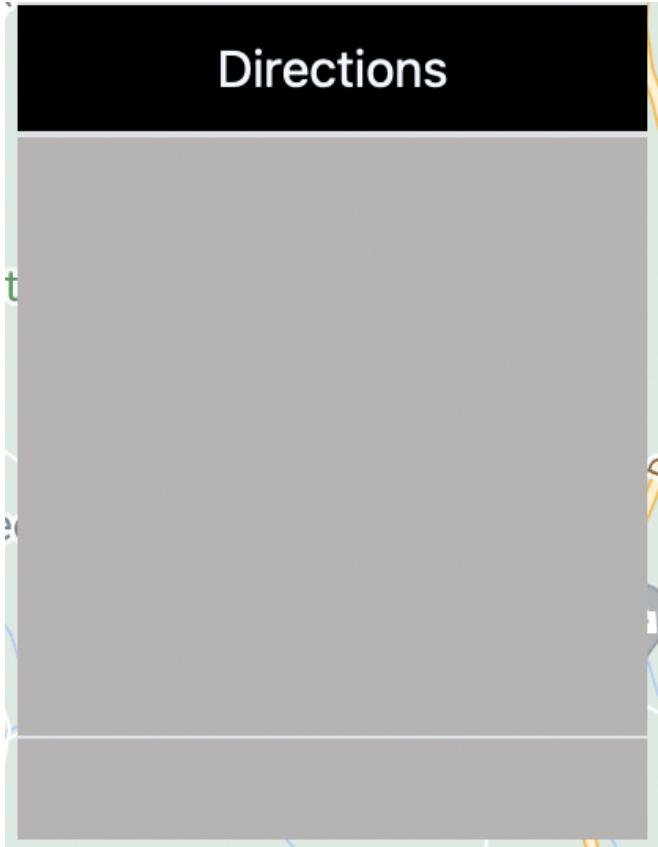
- URL is able to direct the proper webpage displaying UI with map in background and foreground to capture user input.



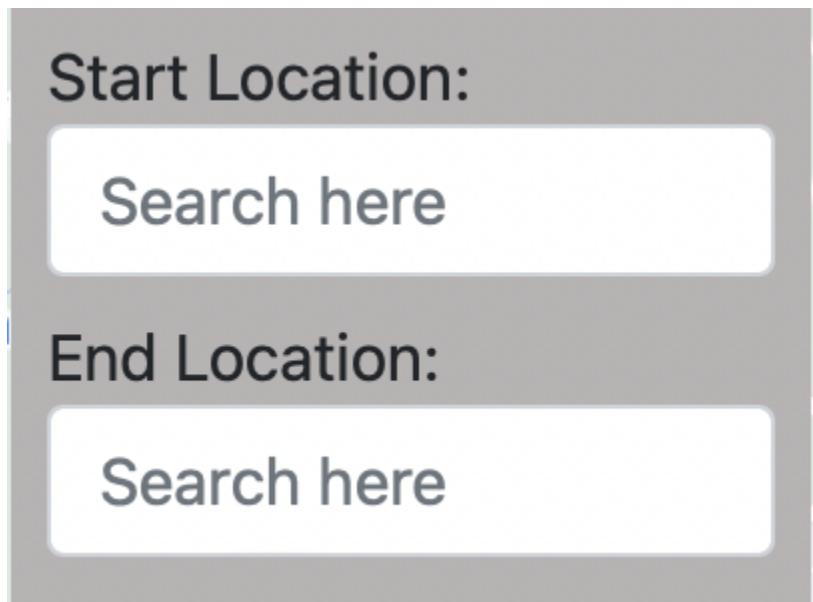
### 2. Initial information in statistics is empty



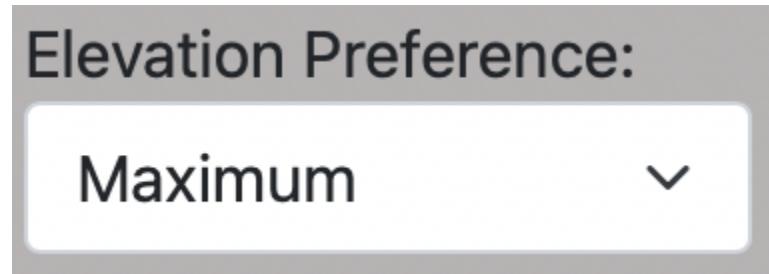
- Initial information in directions is empty as there are no inputs for start and end location yet.



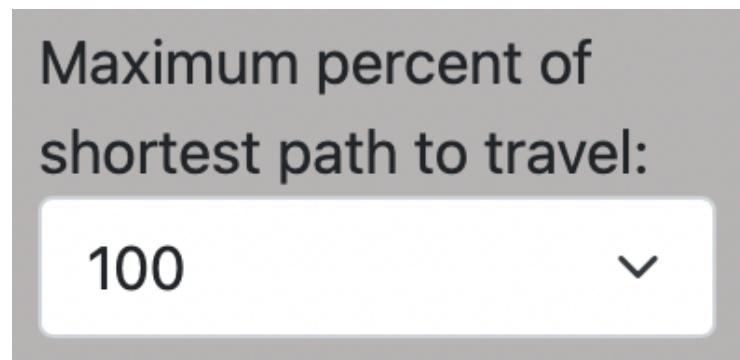
- Start and End Location input tabs are empty



5. Elevation preference type is set to Maximum by default

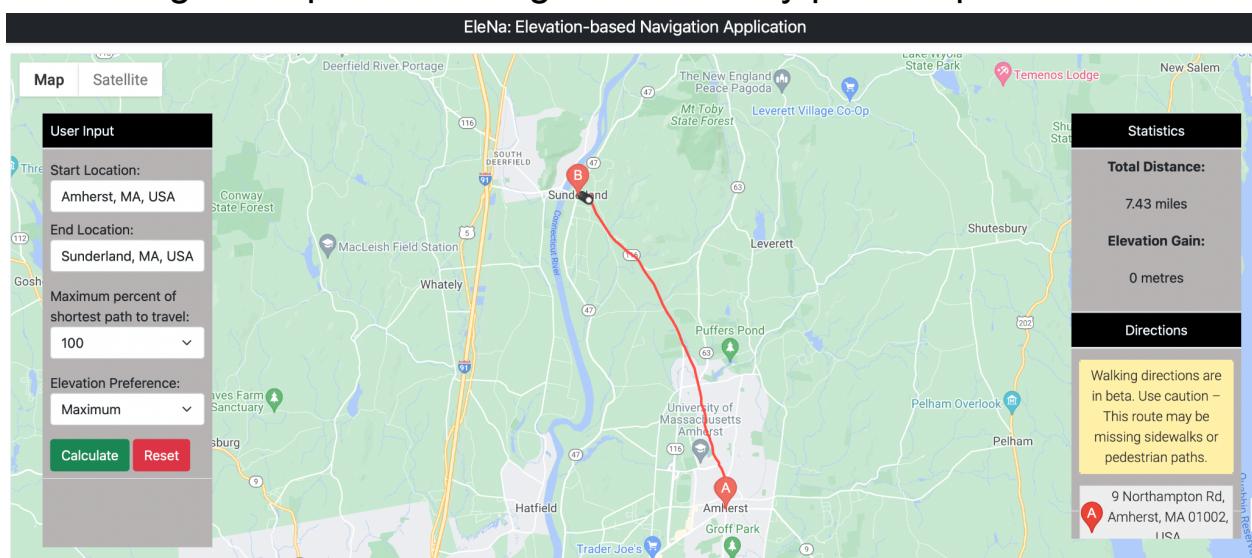


6. Maximum percent of shortest travel path is set to 100 by default

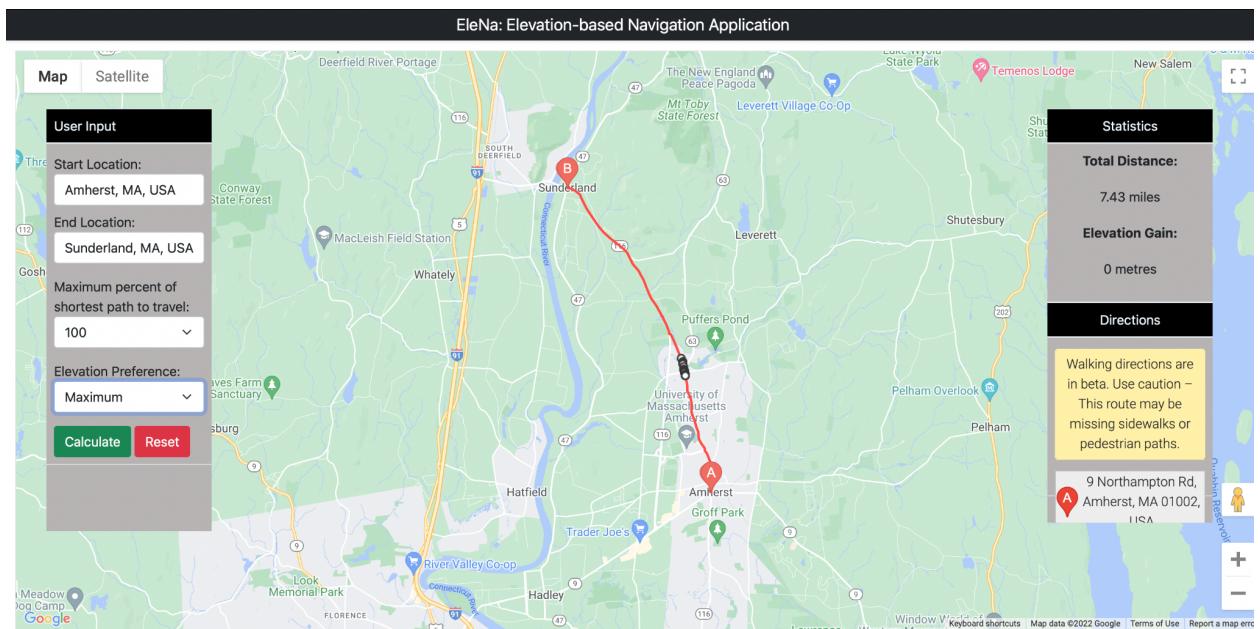
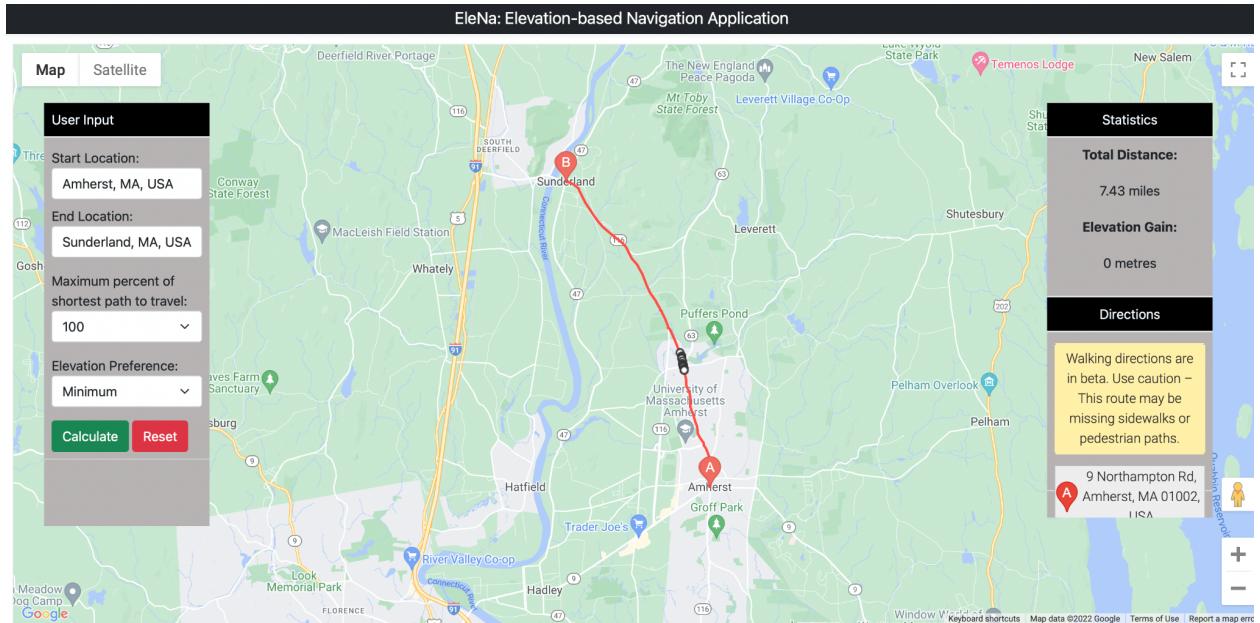


## UI Test cases while running

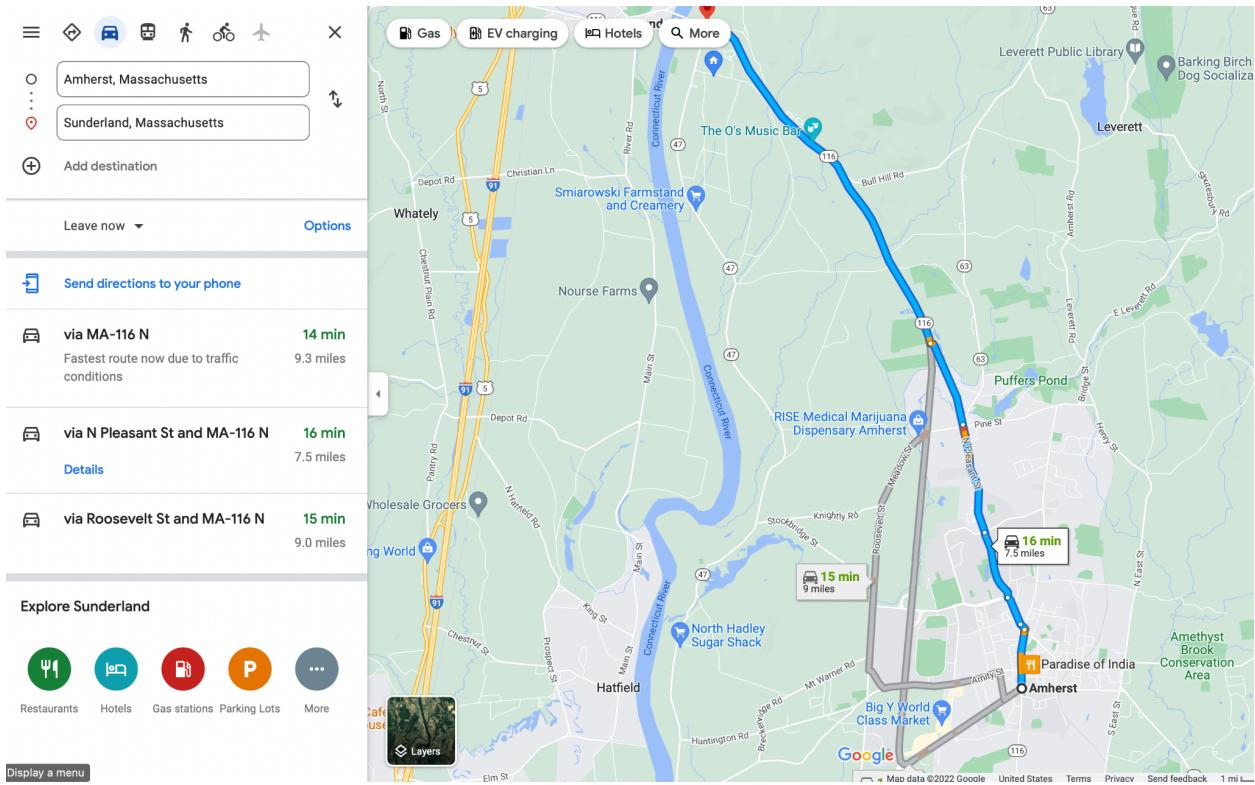
1. For given inputs checking if there is any path output.



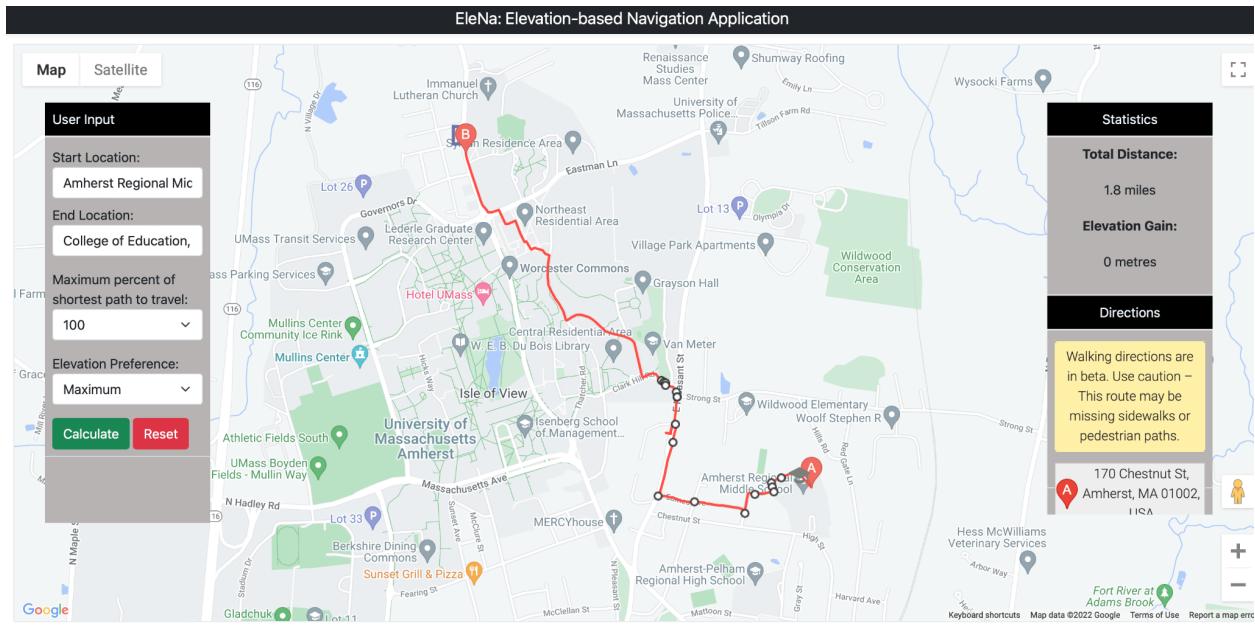
2. Shortest path checking for maximum and minimum as it should be same for the elevation preferences since the maximum percent of the shortest path to travel is set to 100



Google maps output - 7.5 miles



3. Path check for maximum elevation gain - there is a change in elevation gain with maximum elevation gain when compared with 100%  
100% elevation gain



140% elevation gain

