

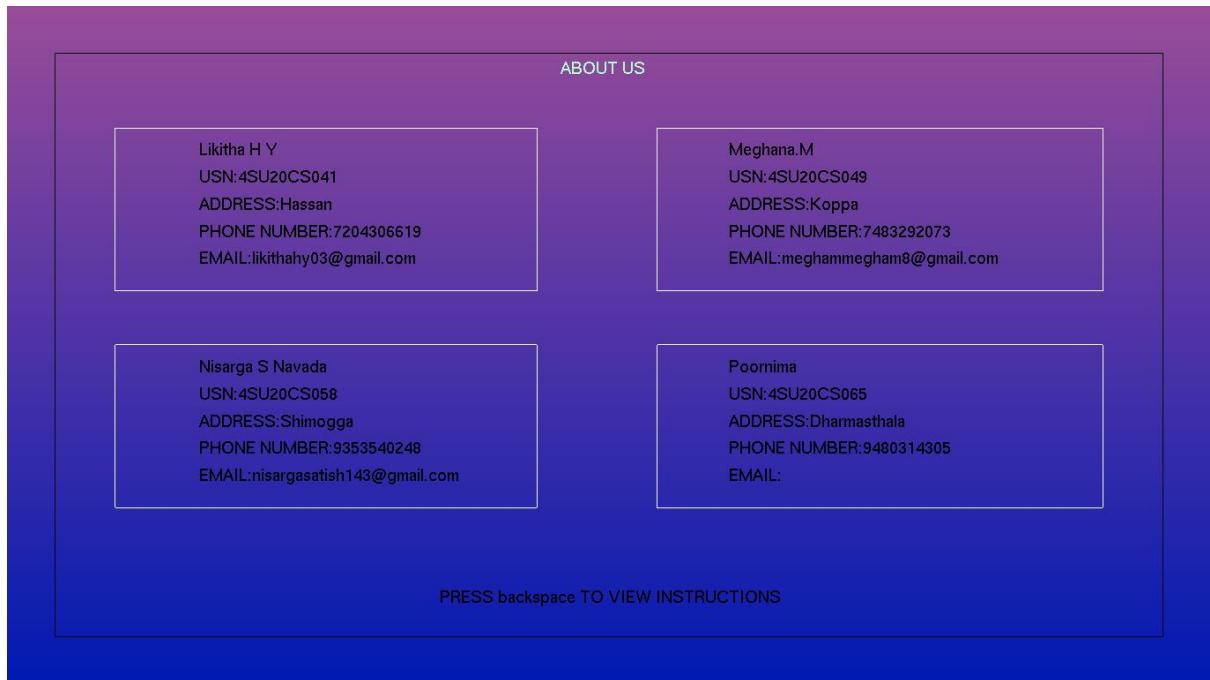
## **TRAVELLING SALES MAN PROBLEM**



**Figure 1: Home page of the project**



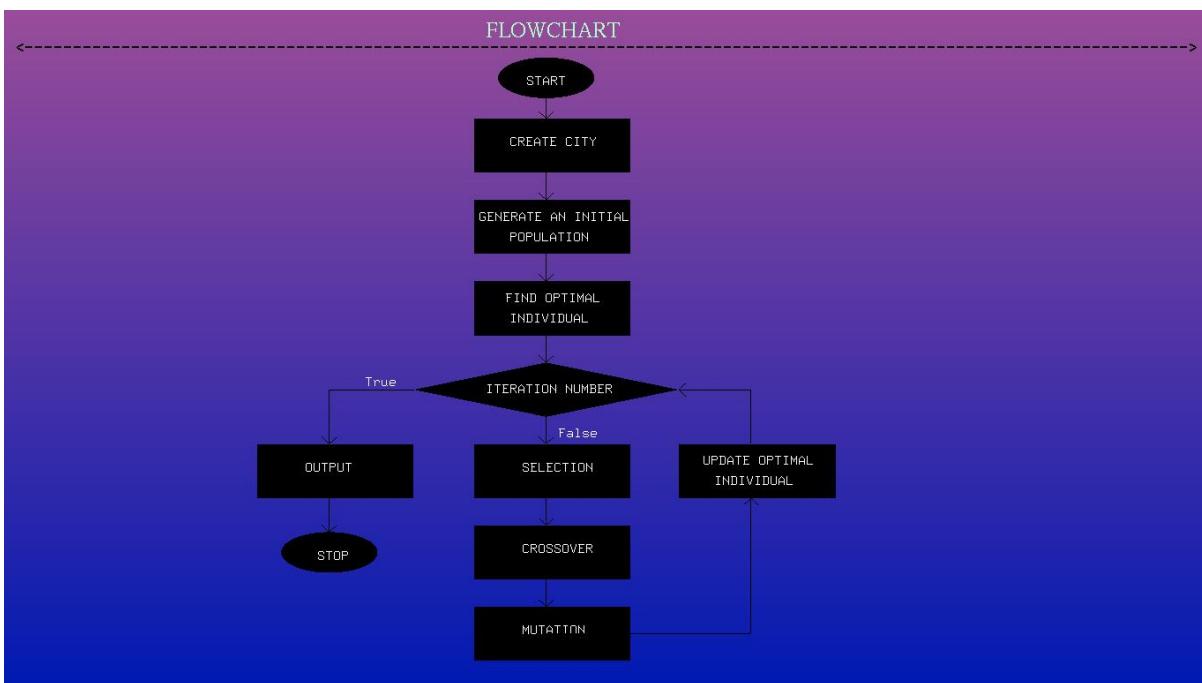
**Figure 2: Instruction page of the project**



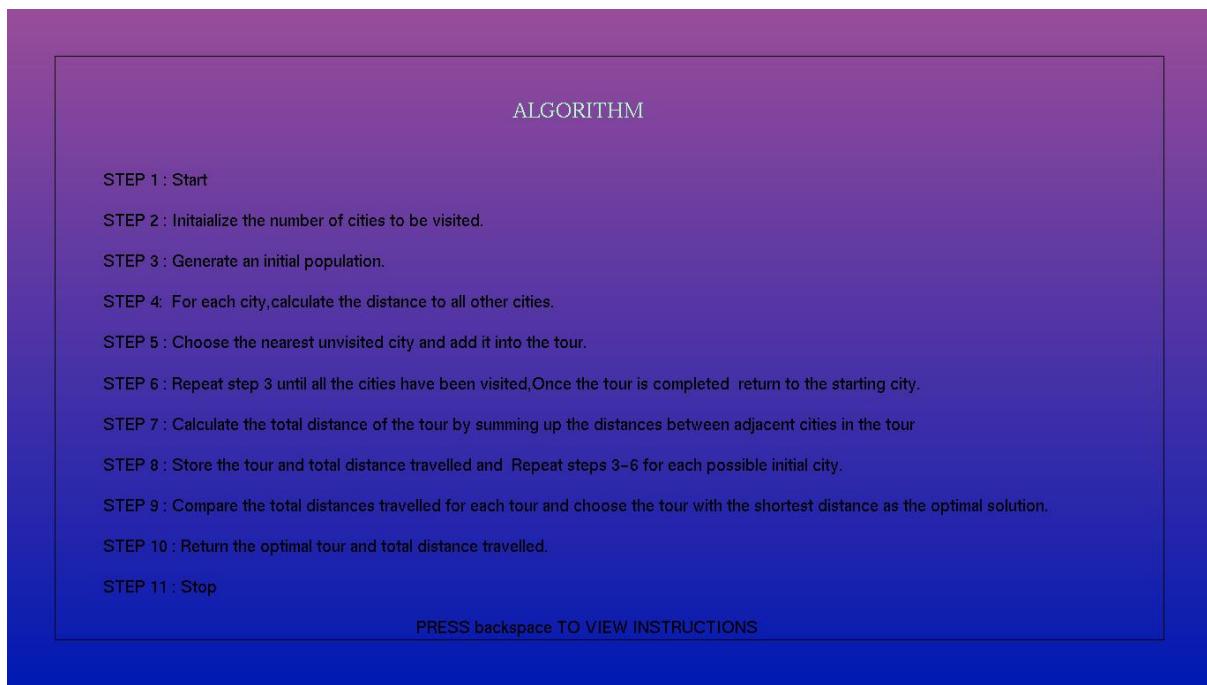
**Figure 3: About page of the project**



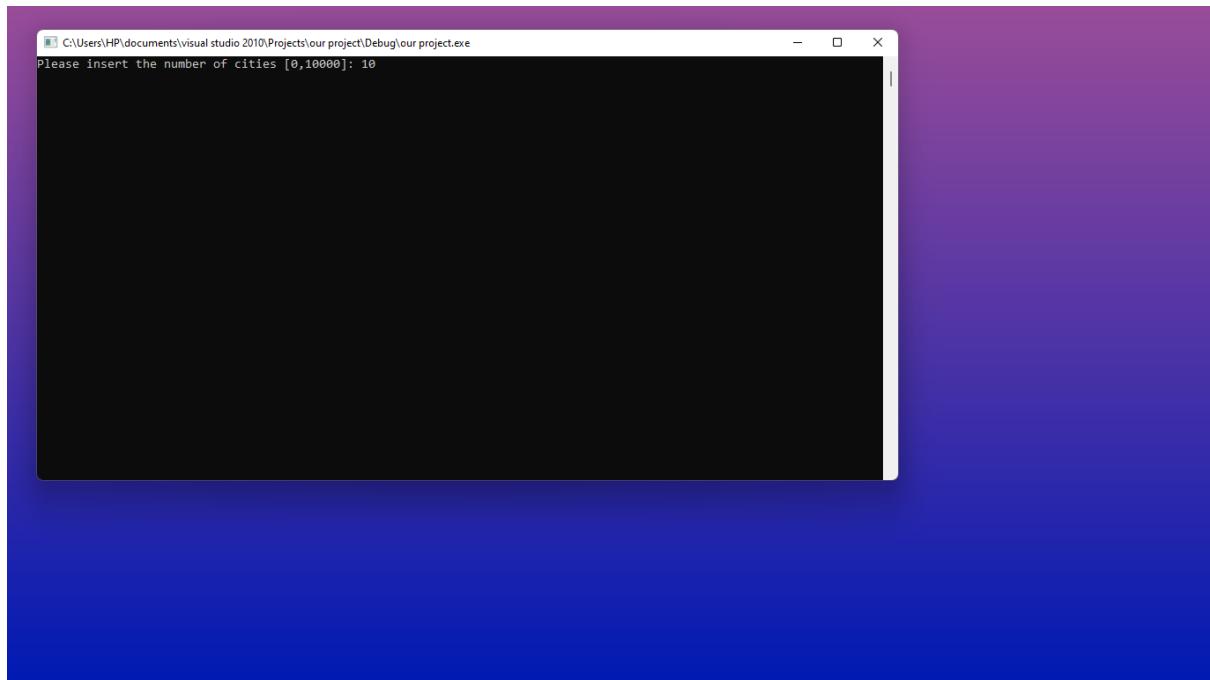
**Figure 4: Help page of the project**



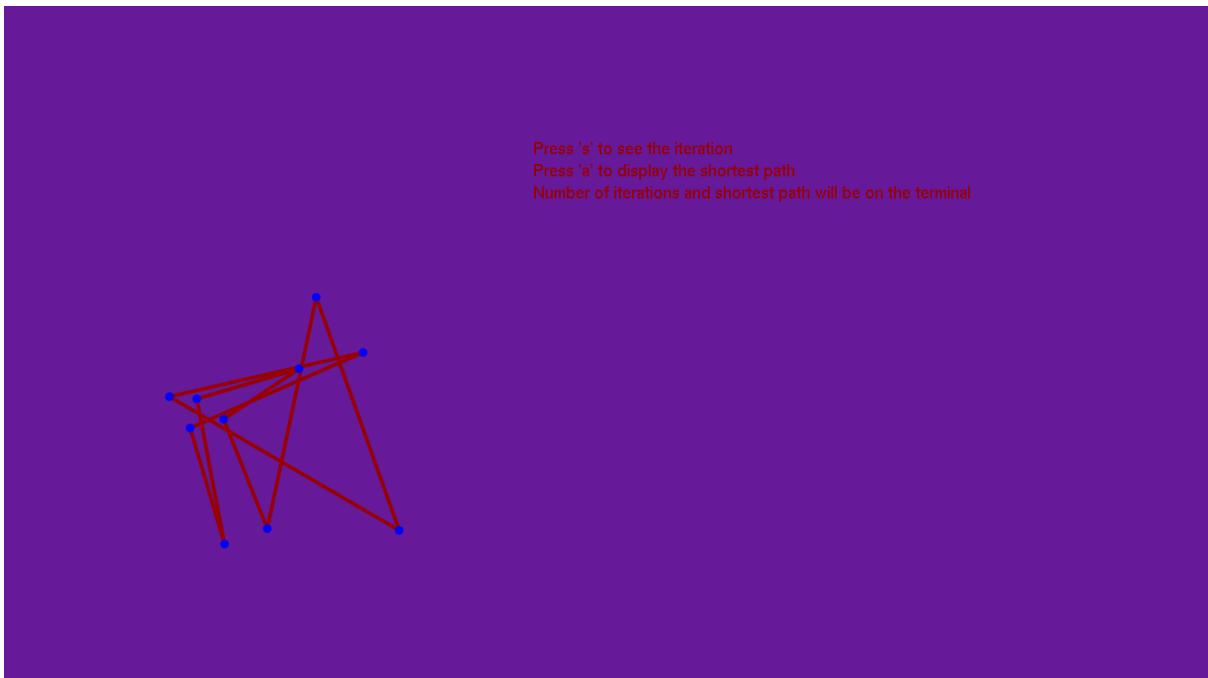
**Figure 5: Flowchart of the project**



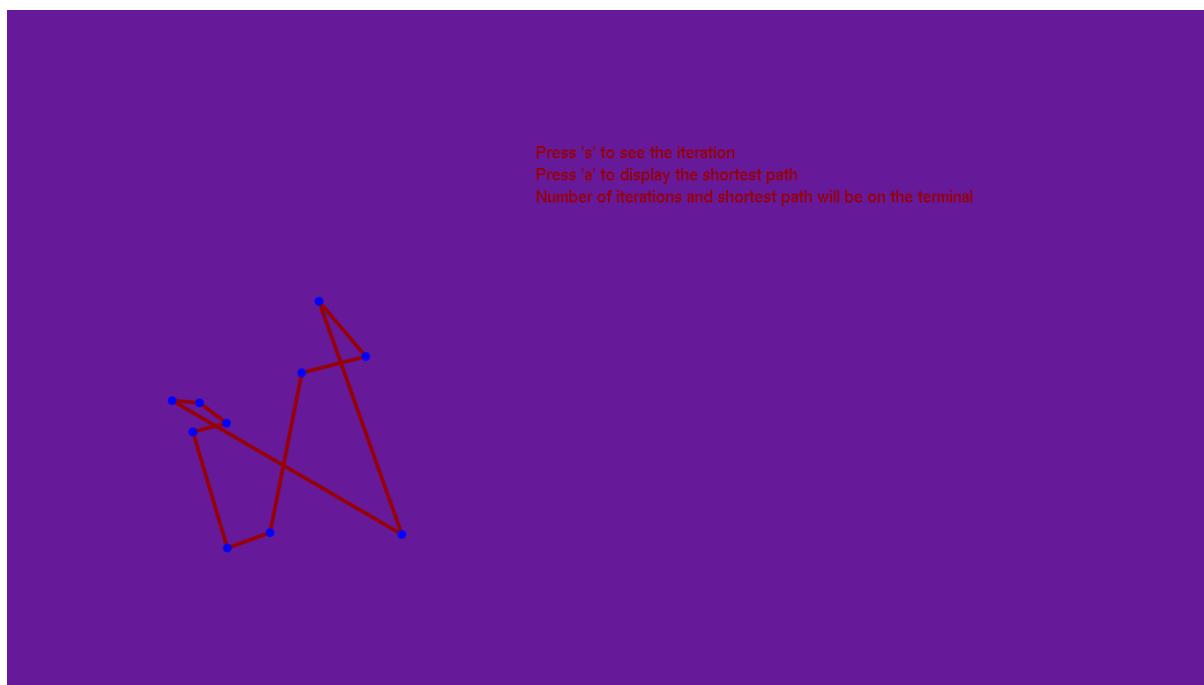
**Figure 6: Algorithm of the project**



**Figure 7: Terminal to enter number of cities**



**Figure 8: Graph generated based on the number on input**



**Figure 9: Iterating the graph when ‘s’ or ‘S’ is pressed**

```
C:\Users\HP\documents\visual studio 2010\Projects\our project\Debug\our project.exe
Distance: 2250.158950
Distance: 2245.975956
Distance iteration-51 : 2183.133878
Distance iteration-96 : 1979.746485
Distance iteration-266 : 1847.515161
Initial distance: 3900.327587; Shortest path: 1847.515161
Initial distance: 3900.327587; Shortest path: 1847.515161
```

**Figure 10: Distance travelled and shortest distance is obtained when ‘a’ or ‘A’ is pressed**