**Project Proposal**

Project Name : **Smart Vehicle**

Course Name : Artificial intelligence

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**About Project :**

1. A vehicle that will go from a given source to a given destination through a path.
2. There might be a lot of paths from the source to destination but the vehicle will always use the most benefitted path.
3. User can draw the map the way they want.
4. If the vehicle finds any obstacles (traffic jam , broken road, etc), it will simply avoid the road and will search for different road.

e.t.c

**5.** If the vehicle doesn’t find any path from source to destination, it will suggest different way to go or ask for destination again.

**Algorithms :** BFS/DFS. **Language** : C++. **Platform :** Codeblocks.

**Updates :**

**Week 1 :** Header completed, Introduction to App completed, Taking map size completed, Creating a map with given size completed.

**Week 2 :** Completed taking user map. Completed putting user’s map into the big map that was made previous week.