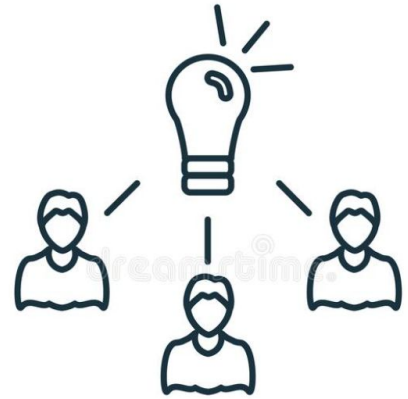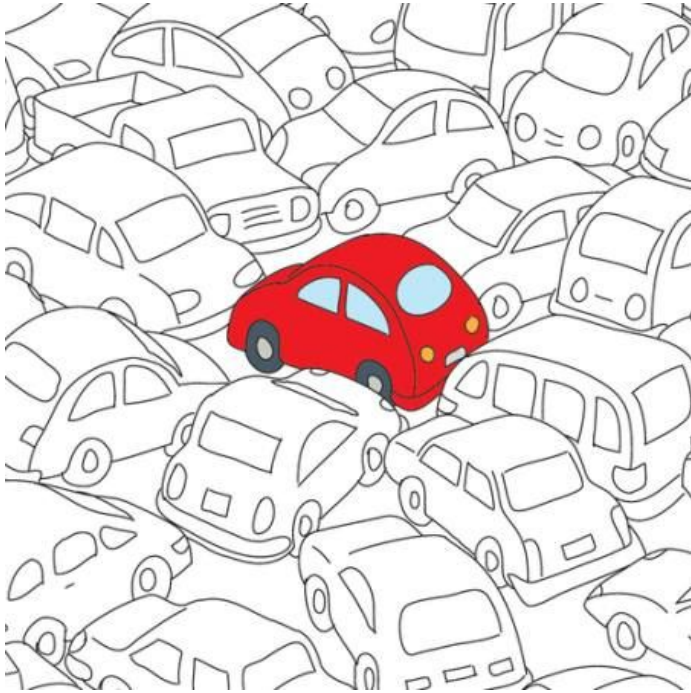# Can I Park Here ?

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What is the idea ?

Using crowd sourced input from drivers all over the selected regions we will mark and make parking spots available right inside of a navigation app. The use of GPS will pinpoint the exact location of each parked vehicle and will also help drivers find a safe and suitable parking spot efficiently.
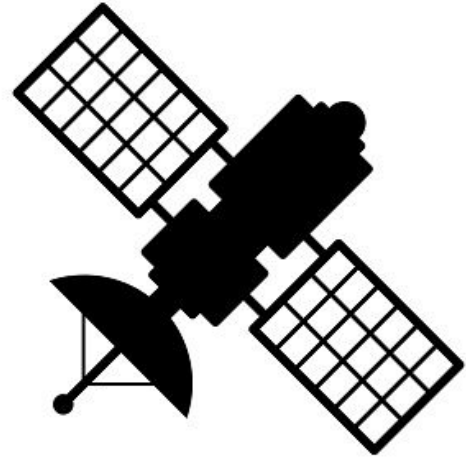
Why did we select it?

The unavailability of safe parking spots in and around Dhaka adds to the regular traffic all around the city. With the availability of easy parking, it can reduce the traffic massively. Due to rapid urbanization and the rapid increase in car purchases, surge of ride sharing services it is now more important than ever to have access to safe and easy parking.

How will we do it ?

The program will use the GPS location from the user's smart device and allocate a nearby spot to part according to the requested location. We will use machine learning to predict the availability of a location ahead of time using previously collected data from the regular traffic and help the user get better and more correct information for an available spot.

What will we deliver at the end ?

Our product will be a program that will use cloud computing to find an easy and safe parking spot for the driver based on their location.