SMART PARKING SYSTEM

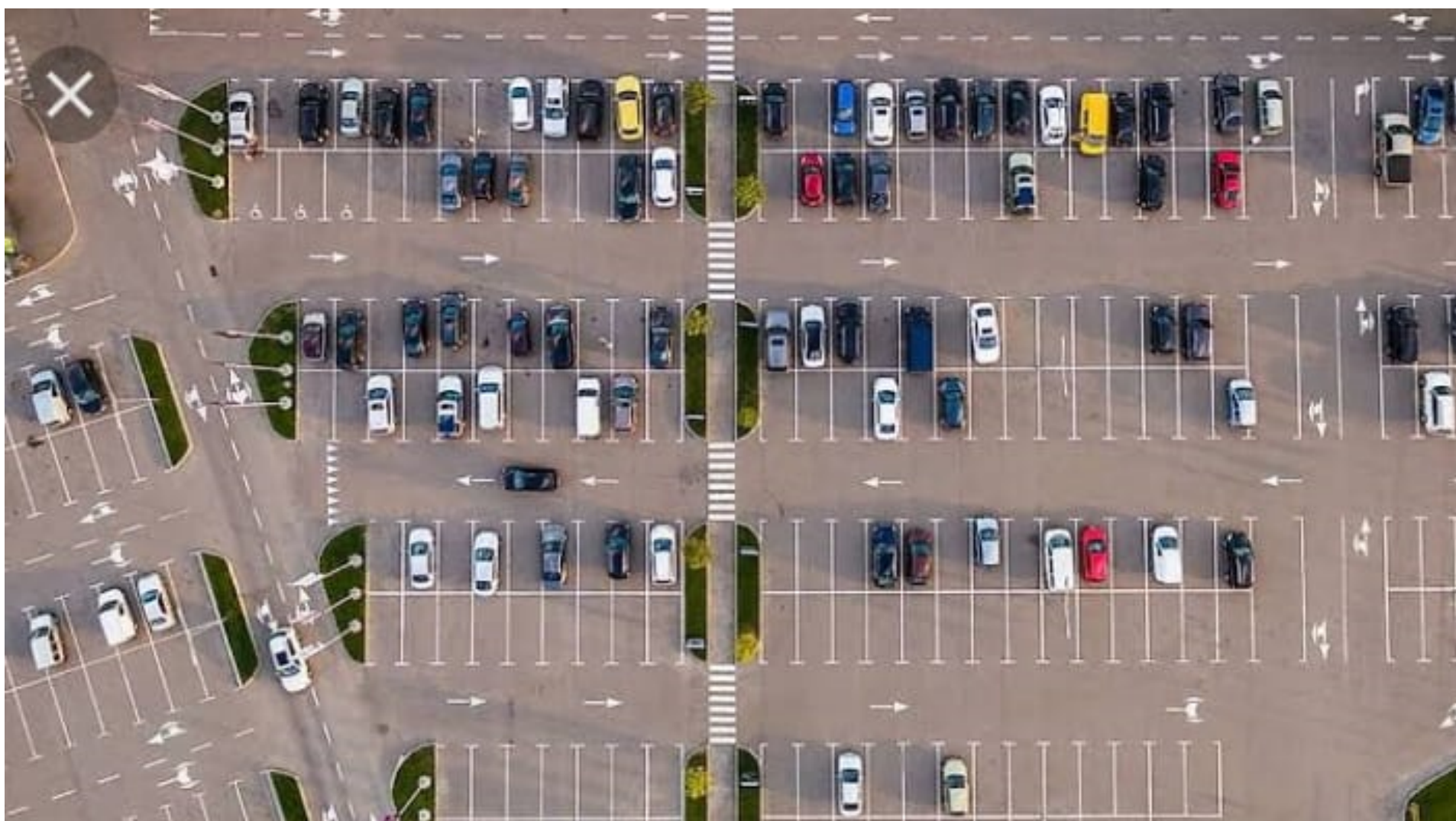**TEAM MEMBERS:**

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Phase 1 problem definition and design

Thinking:

By using ultrasonic sensors be able to keep the record of the number of cars parked inside of a parking garage consequently. Once a car enters a parking garage followed by a parking space, a ping ultrasonic sensor will then be able to determine if a car is parked in the space or not.

Shortage of parking space, high parking tariff's and traffic congestion due to visitors in search for a parking place are only a four examples of everyday parking problems.

Main objective of smart parking system:

To reduce the number of cars circling the streets for finding a parking spot.