SMART ROAD

SAFELY DELIVER YOUR ORDER

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WARM-UP

A self-driving car, also known as an autonomous vehicle, driverless car, or robotic car (robo-Car) is a car incorporating vehicular automation. That is a car incorporating that is capable of sensing its environment and moving safely with little or no human input this technology has an impact on industries.

INTRODUCTION

Implementation of the technology includes Personal self-driving vehicles, shared robotaxis (also known as self-driving taxis), and connected vehicle platoons. This will help us in soon future to deliver any order safely to customers, as works autonomically.

THE IMPORTANCE

1. Sharing smart roads by self-delivering cars to forfeiting control of orders.
2. Implementation of legal frameworks, and consistent global government regulations for self-delivering cars,
3. The potential benefits from increased vehicle automation.
4. Decrease the time needed to turn over the existing stock of non-automated orders to automated orders.
5. Travels the orders as a result of intelligence agency access to data sets generated by sensors, and pattern - recognition.
6. Overcome obstacles include de-skilling and lower levels of experience for dealing with delivering orders autonomically.
7. Decrease the number of people currently employed as drivers surveillance of location, and association.
8. Maintain, and be concerned with the concept of self-driven delivering.

SMART ROAD

OBJECTIVES

Phase 0.1(3 Months)

1. We deal with "Dr.Sara EL-Metwaly" and" Eng.AMR EL-Edkawy" for selecting this project of the smart road as a project in artificial intelligence(AI) subject.
2. We will use a prepared science lab at Mansoura university.
3. We will make a simulation model by unity platform.

Phase 0.2(3 Months)

1. Deal with an investor to get a suitable fund.
2. Deal with "Grand Lab" to make a model for a self-driven car.
3. We will take part in a competition for intelligence city.
4. We will make a prototype.

Phase 0.3 (3 Months)

1. We will communicate with valao to take an internship for graduate projects.
2. We will consume this project of self-driven delivery in the final/graduated project.
3. We will participate with one of the delivery orders companies to deliver these orders to one of the smart cities.

Phase 1 (1 year)

1. We will rent two offices in the intelligence and knowledge city.
2. We will employ around twenty employees.
3. We will deal with one of a service company, training center, and marketing company.
4. We will produce around twenty cars for using them in the new administrative capital.

USED TECHNOLOGY

METHODOLOGY