Transportation Congestion

Team FCI

faculty of Computer & Information

Level 2

1 Problem:

The means of transportation nowadays are a great blessing that Allah has bestowed on man. These methods help to approximate distances, reduce waste time on road between starting points for trips and destination. But there are many negative phenomena and problems related to transportation, especially land transport, and perhaps the most prominent of these phenomena is the traffic congestion, which makes some streets seem to be large places for car parking. In addition to the fact that congestion has very negative effects on the human psyche, hence the government solution to the problem of traffic jams is a top priority. perhaps the most important effects of this negative phenomenon:

1.1 Effects

- Infection with infectious diseases, especially when we are in the days of Corona The number was either in car parks or trains, etc...

- Steam trains and some other types of road transport expose theatmosphere to the risk of pollution due to the smoke rising from them.

- This phenomenon caused an increase in pollution rates due to the spread of diseases

- High rates of infection with some diseases resulting from lack of movement,due to the great dependence of people on means of transportation to move from one place to another, even if the distance is very short, and the person does not need to use his own vehicle.

- Traffic congestion is increasing in the streets, which hinders people from-reaching their destinations at the required and specified times.

- It also caused a lot of noise in the cities, which led to the population'sannoyance.

(a) this 1 subfigure   (b) this 2 subfigure

Figure 1: traffic jam

2 Solution:

1. Build an application to solve the problem of traffic congestion.

2. There are laws regulating the movement of cars.

3. Establish strict controls for workers to leave their establishments during official working hours.

4. Increasing the number of internal means to reduce this severe overcrowding.

5. Using individual transportation more than mass transit.

3 APP Features:

- Make an application to request a private car or reserve places in the cars responsible for moving between cities and universities for students (this is the idea of our project).

- In our app we collect information about the most crowded cities in the stateand regulate the movement of cars .

- We will also add some regulations for workers to leave theirestablishments. This is by making people aware of the regularity at work and respecting the times of leaving their organizations it will also be attached by some videos.

Figure 2: app

- we will also make use of google maps to help us to find people in same area

- The app also asks you which place in the car you want to reserve and if you are patient or disapled you can reserve a private car .

- Make it easy to open and download our app .

- App also includes options for rating the service and the drivers.

- App will save time by choosing quickest route and provide service 24 hours a day.

Work Time		
Day	From	To
Sunday	8:00 am	5:00 pm
Monday	8:00 am	5:00 pm
Tushday	8:00 am	5:00 pm
Wednesday	8:00 am	5:00 pm
Thursday	8:00 am	5:00 pm
Friday	Week End	
Saturday	8:00 am	2:00 pm

Table 1: work time

Team Members		
First Name	Second Name	Seaction Number
Nahla	Mohamed Saeed	Sec 10
Hessain	EL-Sid	Sec 3
Ramadan	Adham Ali	Sec 11
Mohamed	Hamdey	Sec 11
Ahmad	AL-Shahawy	Sec 11
NorEL-Deen	kamel	Sec

Table 2: Information about team members

Thanks