Daffodil International University

Project Title: Car Crime Control System(CCCS) in Bangladesh

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1. **Backgrounds:**In this proposal, we introduce an Automated Car Crime Control System (CCCS) that can help reduce road accidents,eligle parking ,over speed,Etc in developing countries. The system incorporates a number of networked sensors that collect information related to road usage crimes that includes images and send the information to a central server for processing via a GPS tracking device. The type of sensors employed are weight sensors on the vehicles suspension to detect overloaded vehicles, a speed sensor to detect over speeding vehicles a sensor on the seatbelts to identify which seatbelts are not in use, alcohol detecting sensors for drunk drivers, and a camera to capture the people in the vehicle so that an identity can be put on defaulters. The Servers send analyzed data to different institutions that include, the Traffic headquarters, K the owners of the vehicles. Vehicle owners can also access more detailed information using a web browser. Sensors will collect information from the vehicles, forward this to an on-board data analyzer that will upload to the nearest access point (normally to be placed at authority stations).

2. **Objectives:**

1. Easily identify victim car by sensor or number of car.
2. Select crime category the system automatically generate fine according to crime
3. Also identify the authority of car .
4. Authorized user can access the system .
5. Owner can pay payment of fine and know the payment status

3. **Our Contribution/Features /Software would be like that:**
    1. Password Protected Web Server
    2. Reading car number by sensor .
    3. Switching Appliance From Web Server.
    4. Reading Sensor Data To Collect victim car Data.
    5. Automatically generate fine report ..
    6. Show payment or case status
    7. Send report to owner through Phone or Email.

4. **Time Frame:**

Sl No	Description	Timeframe
1	Planning and Budget	2 Weeks
2	Required device analysis	2 weeks
3	Setup sensor or scanner	3 weeks

4	General knowledge and installation	1 week
5	Creating web server for managing Web	5 weeks
6	Sending sensor data through IO to server	3 weeks
7	Complete web server design	2 weeks
8	Create android and web apps for managing control	5 weeks
9	Testing and implementation	1 week

5. **Budget:**

Name	Cost(TK)	Quantity	Subtotal (TK)
Sensor	12000	1	12000
Web Camera	1000	50	50000
Tab	5000	20	100000
Web Server	8000	1	8000
Apps Development	30000	1	30000
Testing	5000	1	5000
		Total	205000

References:

6. http://pubs.sciepub.com/jcsa/3/5/2/