



Senior Design Project
Smart Speed Control and Road Safety System

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DECLARATION

We hereby acknowledge that this Project is our original work. No part of this work has been submitted elsewhere partially or fully for the award of any other degree or diploma. Any material reproduced in this project has been properly acknowledged.

Students' name & Signature

1. **Md. Porag Sarkar**

2. **Samiha Lubaba**

3. **Md. Muktadir Hossain**

APPROVAL

The capstone project entitled “**Speed Control and Road Safety System**” by **Md. Porag Sarkar (ID#132 0570 042)**, **Samiha Lubaba (ID#151 0806 645)**, and **Md. Muktadir Hossain (ID #153 0219 045)** is approved in partial fulfillment of the requirement of the Degree of Bachelor of Science in Computer Science and Engineering on January and has been accepted as satisfactory.

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ACKNOWLEDGMENT

At first, we would like to offer our gratitude to the Almighty for granting us the strength to complete both our project and the report.

The capstone project program is very helpful to bridge the gap between the theoretical knowledge and real life experience as part of Bachelor of Science (BSc) program. This report has been designed to have a practical experience through the theoretical understanding.

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ABSTRACT

This report presents the design and the implementation of the project “Smart Speed Control and Road Safety System”. Road way incidents have become one of the leading causes of unfortunate death tolls in our country in recent years which are mostly occur because of over speeding, unusual hard braking, carelessness of drivers, bad condition of the vehicles, poor services, not following the road regulations etc. Therefore, this project has come up with a solution which provides an efficient vehicle speed, hard brake and location monitoring system. The system enables the administrators and it’s users to track those parameters of the vehicle in real time. It has also the feature to rate and review about the whole service’s quality and safety.