

Secure Society Application

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Dr. Pamela Vinitha Eric

in partial fulfillment for the award of the

degree of

BACHELOR OF TECHNOLOGY

IN

**COMPUTER SCIENCE AND
ENGINEERING**

At



PRESIDENCY UNIVERSITY

BENGALURU

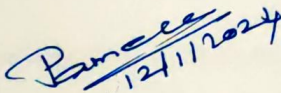
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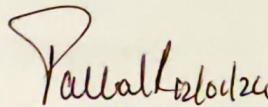
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CERTIFICATE

This is to certify that the Project report "Secure Society" being submitted by "Moin Habib Khan G, Dayanand H, Prajwal M" bearing roll number(s) "20201CSE0582, 20201CSE0545, 20201CSE0542" in partial fulfilment of requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering is a Bonafide work carried out under my supervision.



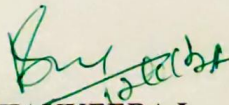
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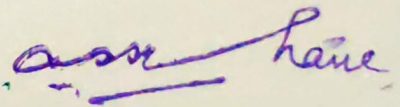
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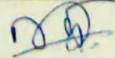
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PRESIDENCY UNIVERSITY
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DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **SECURE SOCIETY** in partial fulfilment for the award of Degree of **Bachelor of Technology in Computer Science and Engineering**, is a record of our own investigations carried under the guidance **Dr. Pamela Vinitha Eric, School of Computer Science and Engineering, Presidency University, Bengaluru.**

We have not submitted the matter presented in this report anywhere for the award of any other Degree.

Name	Roll no	Signature
Prajwal M	20201CSE0542	Prajwal M
Moin Habib Khan G	20201CSE0582	
Dayanand H	20201CSE0545	Dayanand H

ABSTRACT

"Secure Society" introduces a cost-effective vehicle monitoring solution tailored for Indian residential communities. Combining image processing technology and a user-friendly mobile app, the system accurately identifies vehicles and swiftly notifies residents of arrivals and departures, fortifying overall security measures.

Using advanced image processing algorithms, the system ensures precise license plate recognition. Real-time notifications via the mobile app empower residents with instant updates on vehicle movements. Prioritizing affordability, ease of use, and adherence to privacy regulations, this project aims to equip communities with an accessible tool to manage security concerns effectively.

"Secure Society" addresses the specific security needs of residential societies, providing a reliable, scalable, and user-centric solution. The project's focus on affordability and accuracy anticipates significant enhancements in residential security and community empowerment.

KEYWORDS: Mobile application, Android.

ACKNOWLEDGEMENT

First of all, we indebted to the GOD ALMIGHTY for giving me an opportunity to excel in our efforts to complete this project on time.

We express our sincere thanks to our respected ^{and} ~~dean~~ **Dr. Md. Sameeruddin Khan**, Dean, School of Computer Science ^{and} Engineering & Information Science, Presidency University for getting us permission to undergo the project.

We record our heartfelt gratitude to our beloved Associate Deans **Dr. Kalaiarasan C** and **Dr. Shakkeera L**, School of Computer Science ^{and} Engineering & Information Science, Presidency University and **Dr. Pallavi**, Head of the Department, School of Computer Science ^{and} Engineering, Presidency University for rendering timely help for the successful completion of this project.

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Moin Habib Khan G

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