AMBULANCE SERVICE

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Mr. Srinivas Mishra

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION SCIENCE AND ENGINEERING

At

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY

BENGALURU

JANUARY 2024

PRESIDENCY UNIVERSITY

SCHOOL OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the Project report **"AMBULANCE SERVICE"** being submitted by **"CH SURYA RAGHAVENDRA, NATARAJ S, SUDARSHAN V, ABHILASH VY"** bearing roll number(s) **"20201ISE0057, 20201ISE0065, 20201ISE0049, 20201ISE0072"** in partial fulfilment of requirement for the award of degree of **Bachelor of Technology in Information Science and Engineering** is a bonafide work carried out under my supervision.

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DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **AMBULANCE SERVICE** in partial fulfilment for the award of Degree of **Bachelor of Technology** in **Information Science and Engineering**, is a record of our own investigations carried under NHH 5U6 the guidance of **Mr. Srinivas Mishra, Assistant Professor, 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.

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ABSTRACT

This groundbreaking project aspires to revolutionize the landscape of emergency healthcare by introducing a state-of-the-art mobile application designed to optimize ambulance booking services. The overarching objective is to significantly enhance the efficiency, accessibility, and overall effectiveness of existing emergency response systems. To achieve this, the study adopts a meticulously crafted user-centric design approach, leveraging the advanced capabilities offered by Android Studio for the development of a robust and innovative application.

The research not only focuses on immediate improvements in emergency response times but also has broader implications for the future of healthcare technology. The user-centric design principles integrated into the mobile application set a compelling precedent for the evolution of future developments in healthcare. By seamlessly merging technological innovation with user-centric approaches, this project contributes meaningfully to the ongoing dialogue on how to harness innovation for the betterment of public health and safety.

The systematic methodology employed in this study encompasses a comprehensive literature review, a detailed exploration of existing methods, and the meticulous implementation of a cutting-edge mobile application. Through an in-depth analysis of the results, this research not only addresses current gaps in emergency healthcare but also anticipates and shapes the future trajectory of healthcare technology.

In conclusion, the outcomes of this project extend beyond the development of an optimized ambulance booking system. They lay the groundwork for a paradigm shift in how technology can be harnessed to address critical healthcare challenges. As the role of technology continues to evolve in healthcare, this research stands as a beacon, guiding future innovations toward a more efficient, accessible, and user-centric healthcare ecosystem.

Keywords: Emergency healthcare, Mobile application, Ambulance booking services, Optimization, User-centric design, Android Studio, Efficiency, Accessibility, Emergency response systems, Technological innovation, Public health, Safety, Healthcare technology, Innovation, Ground-breaking, Robust application development, User-centric design principles, Ongoing dialogue, Public health and safety, Future developments.