

# **HOSPITAL FINDER**

## **A PROJECT REPORT**

*Submitted by,*

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*Under the guidance of,*

**Mr. SHOBHIT TEMBHRE**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING(DATA SCIENCE)**

**At**



**PRESIDENCY UNIVERSITY**

**BENGALURU**

**JANUARY 2024**

# PRESIDENCY UNIVERSITY

## SCHOOL OF COMPUTER SCIENCE & ENGINEERING

### CERTIFICATE

This is to certify that the Project report "Hospital Finder" being submitted by "Manoj Kumar S, Satish Babu G, Nitish K, Rahul A" bearing roll number(s) " 20201CSD0204, 20201CSD0161, 20201CSD0196, 202201CSD0158 " in partial fulfilment of requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering(Data Science) is a bonafide work carried out under my supervision.



Mr. Shobhit Tembhre  
Assistant Professor  
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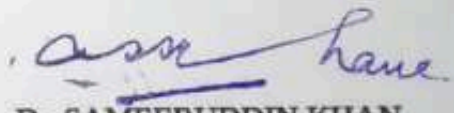
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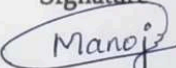
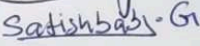
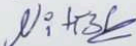
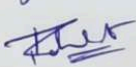
**PRESIDENCY UNIVERSITY**  
**SCHOOL OF COMPUTER SCIENCE & ENGINEERING**

**DECLARATION**

We hereby declare that the work, which is being presented in the project report entitled **HOSPITAL FINDER** in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering(Data Science), is a record of our own investigations carried under the guidance of **Mr. Shobhit Tembhre**, Assistant Professor, School of Computer Science & Engineering , Presidency University, Bengaluru.

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

Name	ID
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## **ABSTRACT**

During medical emergencies, patients often experience the distressing scenario of being shifted from one hospital to another due to a scarcity of available ICU beds, resulting in the unfortunate loss of lives. Additionally, crucial time is wasted contacting multiple blood banks in an urgent search for the required blood group. In critical situations, where every second counts, having immediate access to information about the nearest available ICU bed or the quantity of required blood units at nearby blood banks can be the decisive factor between life and death. Surprisingly, in many parts of the world, there is no service offering such vital real-time information – information that would prove invaluable not only during personal medical emergencies but also in the face of natural disasters, terrorist attacks, and public health epidemics. In emergency cases, patients are usually taken to the nearest hospitals by their relatives or the public. However, there is a possibility that the necessary treatment and services may not be available at that particular hospital. The hospital management might recommend transferring the patient to another facility. Unfortunately, relocating the patient for treatment is a time-consuming, expensive, and uncomfortable process. This predicament arises because the relatives or the public lack awareness about the services provided by the hospital.



## 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 dean **Dr. Md. Sameeruddin Khan**, Dean, School of Computer Science Engineering & Data 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 Engineering & DataScience, Presidency University and **Dr. A. Jayachandran**. Head of the Department, School of Computer Science Engineering, Presidency University for rendering timely help for the successful completion of this project.

We are greatly indebted to our guide **Mr. Shobhit Tembhre**, School of Computer Science Engineering & Data Science, Presidency University for his inspirational guidance, and valuable suggestions and for providing us a chance to express our technical capabilities in every respect for the completion of the project work.

We would like to convey our gratitude and heartfelt thanks to the University Project-II Coordinators **Dr. Sanjeev P Kaulgud, Dr. Mrutyunjaya MS** and also the department Project Coordinators **Dr. Manjula H M, Mr. Yamanappa**.

We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.

**Manoj Kumar S**

**Satish Babu G**

**Nitish K**

**Rahul A**