# VISVESVARAYA TECHNOLOGICAL UNIVERSITY
# BELAGAVI-590018

**A PROJECT**
**ON**

## "ReMinded!"

**BY**


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In the partial fulfillment of the requirement for VI Sem. B. E. (CSE)

**MOBILE APPLICATION DEVELOPMENT LABORATORY**
**WITH MINIPROJECT (18CSMP68)**

Under the guidance of

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**Department of Computer Science & Engineering**

**SAHYADRI COLLEGE OF ENGINEERING & MANAGEMENT**
**An Autonomous Institution**
**Adyar, Mangaluru-575007**


**2022-2023**

# SAHYADRI
# COLLEGE OF ENGINEERING & MANAGEMENT
## (An autonomous Institution)
## Adyar, Mangaluru – 575007

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### *CERTIFICATE*

This is to certify that the project entitled "**ReMinded!"** is submitted in partial fulfillment for the requirement of VI sem. B. E. (Computer Science & Engineering) "**Mobile Application Development Laboratory with Mini Project**" during the year 2022 – 2023 is a result of bonafide work carried out by

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# ABSTRACT

The "ReMinded!" Android application is a powerful tool designed to provide users with efficient location management and reminder functionalities. This project integrates advanced technologies such as text-to-speech, speech-to-text, database connectivity, and location tracking to enhance user experience and convenience.

The first functionality of the application is text-to-speech conversion. The app will use this feature to provide audio feedback to inform the user of the item's location. This feature enables quick and easy retrieval of articles based on verbal prompts.

The second functionality is speech-to-text conversion, allowing users to interact with the application through voice commands. Users can search for specific items or perform various tasks within the app by speaking their queries or instructions. This feature enhances accessibility and hands-free operation, promoting a seamless user experience. Users can input or dictate information about the location where they have placed an item. The application will convert the text into speech.

The third functionality involves data storage, enabling the storage and retrieval of data. Users can store information about item locations, reminders, and other relevant details. The database ensures that data is securely stored and readily accessible whenever needed. This feature facilitates efficient organization and retrieval of information, providing users with the necessary context at their fingertips.

The fourth functionality focuses on location-based reminders. By leveraging the user's location data obtained through GPS or map detection, the application can remind users of essential tasks or actions associated with specific locations. For instance, when leaving home, the app can detect the user's movement and prompt reminders to lock the house or take car keys. This functionality promotes user convenience, preventing forgetfulness and ensuring important tasks are addressed.

The "ReMinded" Android application offers a comprehensive solution for contextual location management and reminders. By combining text-to-speech, speech-to-text, database connectivity, and location tracking, this project aims to simplify users' lives by providing a convenient and intuitive tool for locating items, organizing information, and receiving timely reminders.

# ACKNOWLEDGEMENT

Before we get in-depth with the project, we want to include few expressions of appreciation for the people who has been a part of this project from its inception. The written work of this project has been one of the huge academic challenges we have faced and withoutthe help, patience and guidance of the people involved, this assignment would not have been completed satisfactorily.

It gives us immense pleasure in presenting this project report on "**ReMinded!**". It has been our privilege to have a project guide who had assisted us from the commencement of this project. The success of this project is a sheer diligent work, and determination put in by us with the help of our project guide.

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