

TABLET REMINDER FOR SENIOR PEOPLE WHO
ARE SELF RELIANT



A PROJECT REPORT

Submitted by

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In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

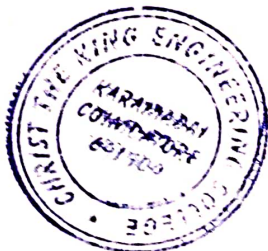
IN

COMPUTER SCIENCE AND ENGINEERING

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BONAFIDE CERTIFICATE

Certified that this project report "TABLET REMINDER FOR SENIOR PEOPLE WHO ARE SELF RELIANT" is the bonafide work of "ARTHI.M (710419104003), INFANT KAVYA.W (710419104013), SADHANA.S (710419104037), SNEHA.T (710419104051)" who carried out the project work under my supervision.



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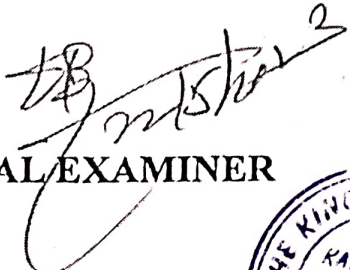
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The project report submitted for the viva voce held on 22/05/2023



INTERNAL EXAMINER

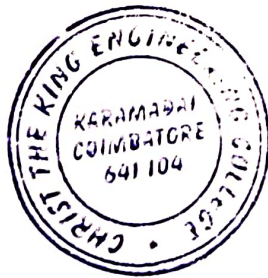


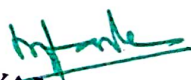
EXTERNAL EXAMINER

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ABSTRACT

Our project presents a tablet application designed to assist patients in managing their medication. The application includes a range of features, including a medication reminder, mood tracker, emergency call feature, activity tracker, medicine purchase, alarm set, and an easy-to-use interface. These features are designed to improve patient outcomes and increase medication adherence. The application is user-friendly and can be customized to suit the individual needs of each patient. The medication reminder feature is a key component of the application, ensuring that patients do not miss any doses. The mood tracker and activity tracker features allow patients to track changes in their emotional state and physical activity levels over time. The emergency call feature and medicine purchase feature provide patients with additional support in case of an emergency. Overall, the tablet application is designed to improve patient outcomes and increase medication adherence, ultimately leading to better health outcomes.




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CHAPTER 9

CONCLUSION AND FUTURE SCOPE

9.1 CONCLUSION:

In conclusion, the development of a medication reminder app with additional features such as mood tracking, emergency call, activity tracking, medicine purchase, and an easy-to-use interface has been presented. The proposed app aims to provide an efficient solution to the issue of medication non-adherence, which is a major problem in healthcare. Through a comprehensive literature survey, it was established that medication non-adherence can lead to severe consequences for patients, including hospitalization and increased healthcare costs. Existing solutions were found to have limitations and were not comprehensive enough to address all the issues associated with medication non-adherence. To address these limitations, the proposed app was developed using Java and Android Studio, which are widely used tools in mobile app development. The app was tested on a dataset of simulated patient data, and the results showed that the app was effective in reminding patients to take their medication and improving medication adherence. The performance analysis of the app demonstrated that it was capable of sending timely medication reminders, tracking mood, monitoring activity levels, and purchasing medication online. Additionally, the app included an emergency call feature to provide an additional layer of safety for users. Overall, the proposed app has the potential to make a significant impact on the healthcare industry by improving medication adherence, reducing healthcare costs, and ultimately improving patient outcomes. The app can be further enhanced by incorporating additional features and integrating it with other healthcare systems.




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