MEDICATION REMAINDER APP

A DESIGN PROJECT REPORT

submitted by

NIRANJINI C

NITHYA SREE D

RAJESWARI M

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

K RAMAKRISHNAN COLLEGE OF TECHNOLOGY

(An Autonomous Institution, affiliated to Anna University Chennai, Approved by AICTE, New Delhi)

Samayapuram – 621 112

NOVEMBER-DECEMBER 2024

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NIRANJINI C (811722104102)

NITHYA SREE D (811722104105)

RAJESWARI M (811722104118)

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K RAMAKRISHNAN COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

SAMAYAPURAM – 621 112

BONAFIDE CERTIFICATE

Certified that this project report titled **"MEDICATION REMINDER APP"** is Bonafide work of **NIRANJINI C(811722104102), NITHYA SREE D(811722104105),RAJESWARI M (811722104118)** who carried out the project under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SIGNATURE
DrA Delphin Carolina Rani M.E.,Ph.D.,
HEAD OF THE DEPARTMENT
PROFESSOR
Department of CSE
K Ramakrishnan College of Technology
(Autonomous)
Samayapuram – 621 112

SIGNATURE
Mrs. V.Kalpana, M.E.,
SUPERVISOR
Assistant Professor
Department of CSE
K Ramakrishnan College of Technology
(Autonomous)
Samayapuram – 621 112

Submitted for the viva-voice examination held on ……

INTERNAL EXAMINER **EXTERNAL EXAMINER**

DECLARATION

We jointly declare that the project report on **"MEDICATION REMINDER" is** the result of original work done by us and best of our knowledge, similar work has not been submitted to **"ANNA UNIVERSITY CHENNAI"** for the requirement of Degree of Bachelor Of Engineering. This project report is submitted on the partial fulfilment of the requirement of the awardof Degree of Bachelor Of Engineering.

Signature

NIRANJINI C

NITHYA SREE D

RAJESWARI M

Place: Samayapuram

Date:

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ABSTRACT

Mobile technologies are finding a role in patient monitoring in several different environments: homes, hospitals, and nursing homes. health applications include the use of mobile devices in collecting community and clinical health data, delivery of healthcare information to practitioners, researchers and patients, real-time monitoring of patient vital signs, and direct provision of care. Therefore, usability of software applications is the key to success of any system. It mainly focused on creating an application for smart phones with android system. The main aim of the proposed system is to help two important categories of the society they are elderly and Alzheimer's patients, these two categories shared in one recipe which is forgetful. It gives them the ability to have small memory can help them to remember all tasks to life, which may contribute to the prevention of progression of the disease rapidly, and the technology is best care because it is not susceptible to forget or damage. The design of the proposed system presented in this study includes reminding them of the dates of their medications and the amount of medicine. It also reminders food times and some of the important events. It concludes that the working environment would be improved by supporting with mobile technology and reduces the health expenditures and burden of health care professionals in care facility units.

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LIST OF ABBREVIATIONS

ABBREVIATION	FULL FORM
ARM	Advanced RISC Machine
API	Application Programming Interface
GUI	Graphical User Interface
LCD	Liquid Crystal Display
APK	Android Application Package
SDK	Software Development Kit
IDE	Integrated Development Environment
NDK	Native Development Kit
AI	Artificial Intelligence