### 

**“MEDICINE DATABASE AND AUTOMATED PRISCRIPTION PRINTING”**

Project Report submitted in partial fulfillment of the requirements for

the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS (BCA)**

# C:\Users\Student\Pictures\GCBC\newlogo.png

# *Submitted By*

**SREENIDHI**

**20CS1K3176**

# Under the guidance of

**Dr.V.S Prakash**

**DEPARTMENT OF COMPUTER SCIENCE (UG)**

**BCA PROGRAMME**

**KRISTU JAYANTI COLLEGE (Autonomous)**

**K. Narayanapura, Kothanur P.O., Bangalore – 560077**



**DEPARTMENT OF COMPUTER SCIENCE (UG)**

**CERTIFICATE OF COMPLETION**

This is to certify that the project entitled **“Medicine Database and Automated Prescription Printing”** has been satisfactorily completed by **SREENIDHI**, **20CS1K3176** in partial fulfillment of the award of the Bachelor of Computer Applications degree requirements prescribed by Kristu Jayanti College (Autonomous) Bengaluru (Affiliated to Bangalore University) during the academic year 2021 -22.

***Internal Guide Head of the Department***

***Valued by Examiners***

**1:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *Centre:* Kristu Jayanti College**

**2:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  *Date:***



**DECLARATION**

I, **SREENIDHI, 20CS1K3176** hereby declare that the project work entitled **Medicine Database and Automated Prescription Printing** is an original project work carried out by me, under the guidance of **Dr.V.S.Prakash**

This project work has not been submitted earlier either to any University / Institution or any other body for the fulfillment of the requirement of a course of study.

Signature

(Sreenidhi)

Bengaluru

Date:

**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Topic** | **Page No** |
| 1.  1.1  1.2  2  2.1  2.2  2.3  3  3.1  3.2  3.3  3.4  4  4.1  4.2  5.  5.1  5.2  5.3  6  7  8  9  10  11 | Introduction  Problem Definition  Scope of the Project  System Study  Existing System  Problems in Existing Systems  Proposed System  System Design  ER Diagram  DFD [lev0, lev1]  Gantt Chart  Input / Output Design  System Configuration  Hardware Requirements  Software Requirements  Details of Software  Overview of Frontend  Overview of Backend  About the Platform  Testing  Conclusion and Future Enhancement  Bibliography  APPENDICES A-Table Structure  APPENDICES B-Screenshots  APPENDICES C-Sample Report of test cases | 1  1  1  3  3  3  3  4  6  12  16  19  59  59  59  60  60  62  65  66  68  69  70  72  74 |

**ACKNOWLEDGEMENT**

The success of the project depends upon the efforts invested. It’s my duty to acknowledge and thank the individuals who has contributed in the successful completion of the project.

I take this opportunity to express my profound and whole hearted thanks to **Rev. Fr. Dr. AUGUTINE GEORGE, PRINCIPAL, KRISTU JAYANTI COLLEGE**, and **BANGALORE** for providing ample facilities made to undergo my project successfully.

I express my deep sense of gratitude and sincere thanks to our Head of the Department **Prof. SEVUGA PANDIAN** for his valuable advice.

I feel immense pleasure to thank my respected guide **Dr. V.S. Prakash** for sustaining

Interest and providing dynamic guidance in aiding me to complete this project immaculately and impeccably and for being the source of my strength and confidence.

It is my duty to express my thanks to all Teaching and Non-Teaching Staff members of Computer science department who offered me help directly or indirectly by their suggestions.

The successful completion of my project would not have been possible without my parent’s

Sacrifice, guidance and prayers. I take this opportunity to thank everyone for their continuous

Encouragement. I convey my thankfulness to all my friends who were with me to share my happiness and agony.

Last but not the least I thank almighty God for giving me strength and good health throughout

my project and enabling me to complete it successfully.