**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**JnanaSangama, Belagavi – 590014.**



**Mini project on**

**“COVID CARE MANAGEMENT SYSTEM”**

Submitted in partial fulfillment for the requirement of 5th semester for the

**Degree of Bachelor of Engineering in**

**INFORMATION SCIENCE & ENGINEERING**

**For the academic year 2020-2021**

**SUBMITTED BY:**

**TEJESHWAR R**

**[1DB18IS090]**

**Under the guidance of:**

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**Assistant Professor,**

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**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE**

**This is to certify that the Mini Project Report entitled “COVID CARE MANAGEMENT SYSTEM”is a bonafide Mini Project work carried out by TEJESHWAR R (1DB18IS090), in partial fulfillment of ‘5th’ semester for the Degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.**

**Mini Project Guide Head of Department**

**Prof.Manjula Prof. Gowramma G.S**

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**DBIT, Bangalore. DBIT, Bangalore.**

**External Viva**

**Name of the Examiners Signature with Date**

**1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**DECLARATION**

I, **TEJESHWAR R**, student of fifth semester B.E, Department of Information Science and Engineering, Don Bosco Institute of Technology, Kumbalagodu, Bengaluru, declare, that the Mini Project Work entitled **“COVID CARE MANAGEMENT SYSTEM”** has been carried out by and submitted in partial fulfillment of the requirement of V semester SEPTEMBER 2020-FEB 2021. The matter embodied in this report has been submitted to any university or institute for the award of any other degree or diploma.

**Place:** Bengaluru **TEJESHWAR R**

**Date: (1DB18IS090)**

**ACKNOWLEDGEMENT**

This gives me an immense pleasure to write acknowledgment to this project. This work is a contribution of a group people who have helped me to complete

the project .

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I would like to express my gratitude to **Prof. MANJULA , Asst.Professor of Department of Information Science and Engineering.** Who dedicated there valuable

time in teaching and guiding me to successfully complete the project.

**SYNOPSIS**

**OBJECTIVES**

The main objective of this DBMS mini project is to construct good quality and dynamic management system, in which this database is used to store

and manage the data regarding Corona patients, Doctors, Covid wards etc in a Covid care center.

**DESIGN**

**ENTITIES:**

**>**Admin

>Patients

>Doctors

>Ward

>Bill

**ATTRIBUTES:**

Admin:(admin id, name, email id)

Patients:(id, patient name, age, gender, email id, mobile number, address, bill no, ward no,)

Doctors:(doctor name, age, gender, mobile number, ward no)

Ward:(ward no, number of beds)

Bill:(bill no, bill amount)

**Schema Diagram:**

Ward

|  |  |
| --- | --- |
| Ward no | No of beds |

Bill

|  |  |
| --- | --- |
| Bill no | Bill amount |

Patients

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| id | name | age | gender | email | mobile | address | Bill no | Ward no |

Doctors

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Doctor name | Age | Gender | mobile | Ward no |

**ER DIAGRAM**

has

has

has

DOCTOR

PATIENT

BILL

WARD

1

1 1

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**Process Description**:

>The details of list of Covid affected patients, list of doctors, number of

beds and wards and bills for respective patients are stored in

respective tables.

>Each entity contains primary and foreign keys.

> The entity Patient and Doctor has blinded with ward entity with

foreign key.

>The entity Patient has blinded with bill with foreign key.

>Admin use patient id and ward number to look into the records.

**Software requirements**

Frontend: HTML, CSS, JS

Backend: Php, SQL

**Possible outcomes:**

We can store and retrieve huge amount of data of covid affected patients, doctors, wards etc. we can get know more about SQL queries.

We can easily insert modify or delete the patient record if required. We can come to know about languages like HTML, CSS, JavaScript which is used in front end and Php and SQL used in backend.