**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**BELGAVI, KARNATAKA -590 018**

****

**DBMS Mini Project Synopsis**

**on**

**“FREELANCER MANAGEMENT SYSTEM”**

***Submitted in partial fulfillment for the DBMS Laboratory course of Fifth Semester of Bachelor of Engineering in Information Science & Engineering during the academic year 2019-20.***

**Submitted By**

**PAVAN VISHNU.K.S 4MH17IS046**

**RAJESHWARI.H.K 4MH17IS053**

**Under the Guidance of**

**PUNEETH.P**

**Assistant Professor**

**Dept. of ISE**

**MIT Mysore**

****

**2019-2020**

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

**MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE**

**Belawadi, S.R. Patna Taluk, Mandya Dist-571477.**

**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

**MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE**

**MANDYA-571477**

****

**CERTIFICATE**

Certified that the project work titled **“FREELANCER MANAGEMENT SYSTEM”** has been successfully carried out by **PAVANVISHNU.K.S[4MH17IS046], RAJESHWARI.H.K[4MH17IS053],** bonafide students of **Maharaja Institute of Technology in partial fulfillment of requirements of degree of Bachelor of Engineering in Information Science & Engineering of Visveswaraya technological university, Belgaum** during the academic year 2019-20. It is certified that all corrections/suggestions indicated for the internal assessment have been incorporated in the report deposited in the department library. The project report has been approved has its satisfies the academic requirements with respect to the project work prescribed for Bachelor of Engineering Degree.

Signature of guide Signature of the HOD

**Mr.PUNEETH.P**   **Dr.Sharath Kumar Y.H**

Assistant Professor Associate Professor

Dept. Of IS&E, &HOD of IS&E,

MIT, Mysore MIT, Mysore

**Name of the Examiners External Viva Signature With date**

1.

2.

**ACKNOWLEDGEMENT**

It gives the immense pleasure to bring my project report entitled **“FREELANCER MANAGEMNT SYSTEM”** in the fifth semester engineering course.

I am thankful to **Dr. B.G. Naresh Kumar, Principal, MIT** for supporting me in my academic endowers.

I deeply acknowledge **Dr. Sharath Kumar Y.H, Associate Professor** and **Head of the Department Information Science and Engineering, MIT** for providing me time**ly** suggestions, encouragement and support to complete this report.

I would like to sincerely thank my project guide **Dr. Sharath Kumar Y.H, Associate Professor** and **Head of the Department Information Science and Engineering, MIT for** providing relevant information, valuable guidance and encouragement to complete this report.

I would also like to thank all my teaching and non-teaching staff members of the department for their support and encouragement.

I express my deepest gratitude and indebted thanks to MIT which has provided me an opportunity fulfilling my most cherished desire of reaching my goal.

**PAVANVISHNU.K.S[4MH17IS046]**

**RAJESHWARI.H.K[4MH17IS053]**

Our project titled “**Student mentoring”** is software which can help a mentor to keep track of all his/her student details handy on a single platform.

Basically, a mentor records all his/her student details like academic scores, monthly attendances along with their personal information & parents details as well to keep their parents updated about their wards academic progress.

Currently mentors are provided with mentor books to keep track of all their students manually which requires extra time & effort. It can also cause dilemmas some times.

Our motto is to provide unambiguous software for our beloved mentors to keep track of all the student information handy on their computer so that their extra time & efforts are also saved. The software provides a simple, convenient & efficient way for all the mentors to file the student records & access them at any point of time

**TABLE OF CONTENTS Page no**

**CHAPTER 1: INTRODUCTION**

1.1: Overview 2

1.2: Problem statment 2

1.3: Existing System 2

1.3.1: Drawbacks 2

1.4: proposed system 3

1.5: Advantages 3

**CHAPTER 2: SOFTWARE REQUIREMENT**

2.1: Hardware Requirements 4

2.2: Software Requirements 4

2.3: Software Interface 4

2.3.1: Software Description 4

**CHAPTER 3: SYSTEM DESIGN**

3.1: System Analysis And Design 7

3.2: High Level Design 7

3.2.2: Data Flow Diagram 7

3.3: Low Level Design 9

3.3.1: Usecase Diagram 10

3.3.2: E-R Diagram 12

3.4: Schema 13

3.5: Database Tables Description 14

**CHAPTER 4: DATABASE TECHNIQUE AND RESULTS**

4.1: Trigger 17

4.2: Store procedure 17

4.3: Normalization 18

4.4: Testing 20

**CHAPTER 5: SNAPSHOTS** 22

**CHAPTER 6: CONCLUSION** 28

**REFERENCES** 29