**Table of Contents**

|  |  |  |  |
| --- | --- | --- | --- |
| Chapter |  | Topics | Page No |
| 1 |  | Introduction | 1-2 |
|  | 1.1 | Advantages of our Website | 1 |
|  | 1.2 | About PHP and MySql | 1 |
|  | 1.3 | Use of PHP in our Website | 1-2 |
|  | 1.4 | Description of the Modules | 2 |
| 2 |  | Requirement | 3-4 |
|  | 2.1 | Software Requirement | 3 |
|  | 2.2 | Hardware Requirement | 3 |
|  | 2.3 | Functional Requirement | 3 |
|  | 2.4 | Non-functional Requirement | 3-4 |
| 3 |  | System Design Specification | 5-11 |
|  | 3.1 | Architectural Design | 5-8 |
|  | 3.2 | Database Design | 9-11 |
| 4 |  | Testing | 12-13 |
|  | 4.1 | Unit Testing | 12 |
|  | 4.2 | Integration Testing | 12 |
|  | 4.3 | Validation Testing | 13 |
| 5 |  | Screen Shots | 14-23 |
| 6 | 6.1 | Conclusion | 24 |
|  | 6.2 | Future Enhancement | 24 |
| 7 |  | Bibliography | 25 |

**R N S INSTITUTE OF TECHNOLOGY**

Channasandra,Uttarahalli Road, Subramanya Pura Post, Bengaluru – 560061



**Department Of MCA**

**CERTIFICATE**

This is to certify the Mini project work entitled **“Live BMTC Bus Tracking System”** is a bona fide work carried out by **VIJAY KUMAR N** bearing **USN: 1RX13MCA53** in partial fulfillment for **Master of Computer Application** of **Visvesaraya Technological University, Belgaum** during the year **2014-2015**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in departmental library. This project has been approved has it satisfies the academic requirements in respect of **Mini Project** work prescribed for the **Master of Computer Application.**

**Dr. N P KAVYA**

Internal Guide

Prof and Head of MCA Dept

**Name of the Examiner**

1.

2.

**ACKNOWLEDGEMENT**

The successful of completion of a project depends on the co-operation and help of many people, other than those who directly execute the work. I take this opportunity to express our sense of gratitude to those who have extended helping hand in our efforts to make it successful.

I the students of **4th** semester **Master of Computer Application** of **RNSIT** have just completed the prescribed project work “**Live BMTC Bus Tracking System”** while doing this project I have received valuable assistance and cooperation from many sources, from the stage when the project was conceived to the stage of completion.

I therefore deeply indebted to the **HOD of MCA** and our project guide **Dr. N P KAVYA**, and would like to thank our beloved professor **Prof. Suma M G** for his special guidance in doing our project. I would also like to thank our beloved director **Dr H N Shivashankar** and principal **Dr. M K Venkatesha** for his active support and to all the staff members of **MCA Department.** I would like to thank our friends for the valuable constructive criticism they offered. Last but not least I would like to express our gratitude to our families for their encouragement, guidance and help they offered.

VIJAY KUMAR N

1RX13MCA53