

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

## BELGAUM-590014

**A DBMS Mini-Project Report**

**On**

***“RENTAL MANAGEMENT SYSTEM”***

*A Mini project report submitted in partial fulfillment of the requirements for the 5th semester of*

***Bachelor of Engineering in Computer Science and Engineering***

*of Visvesvaraya Technological University, Belgaum*

Submitted by:

NIRMAL KUMAR(1ST18CS087)

MD HASAN(1ST18C068)

Under the Guidance of:

**Prof. RAJSHEKHAR S A**

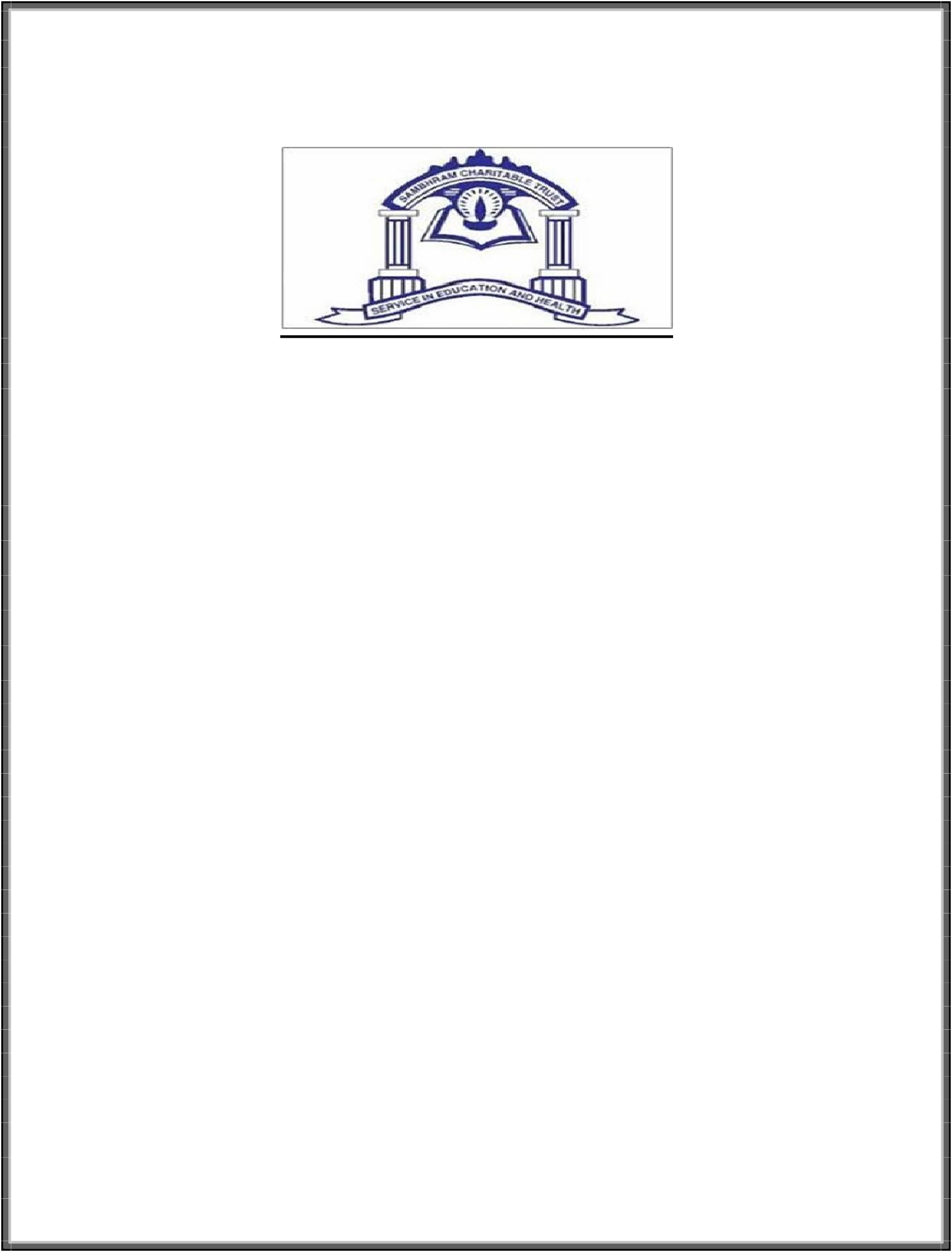
**Assoc Professor Dept. of CSE**

**Department of Computer Science and Engineering**

**Sambhram Institute of Technology**

**M.S.Palya, Bangalore-560 097**

**2020-21**



**SAMBRAM INSTITUTE OF TECHNOLOGY**

**M.S. PALYA, BANGALORE-97. DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

CERTIFICATE

Certified that the mini project work entitled **“Rental Management System”** has been successfully carried out by Nirmal Kumar bearing USN 1ST18CS087 and Md Hasan bearing USN 1ST18CS068 bonafide students of **Sambram Institute of Technology** in partial fulfillment of the requirements for the **5th semester** of **Bachelor of Engineering** in **Computer Science and Engineering** of **Visvesvaraya Technological University**, Belgaum, during academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the laboratory requirements of 5th semester BE, CSE.

**Guide: HOD:**

**Prof. Rajshekhar SA Dr.T. John Peter**

**Asst Prof. Prof. and Head**

**Dept. of CSE Dept of CSE**

**External Viva:**

**Name of the Examiners Signature with Date**

**1.**

**2.**

**ACKNOWLEDGEMENT**

Any achievement, be it scholastic or otherwise does not depend solely on the individual efforts but on the guidance, encouragement and cooperation of intellectuals, elders and friends. A number of personalities, in their own capacities have helped me in carrying out this project work. We would like to take this opportunity to thank them all.

We would like to thank **Dr.H.C Chandrakanth**, Principal, SAIT, Bangalore, for his moral support towards completing my project.

We would like to thank **Dr.T. John peter**, Prof & Head, Department of Computer Science & Engineering, SaIT, Bangalore, for his valuable suggestions and expert advice.

We deeply express my sincere gratitude to my guide **Prof. Rajshekhar S.A** Asst Prof, Department of CSE, SaIT, Bangalore, for their able guidance, regular source of encouragement and assistance throughout this project.

We would like to thank all the teaching and non-teaching staff of Department of Computer Science & Engineering SaIT, Bangalore for their constant support and encouragement.

Date: **Students’ names**

Nirmal Kumar

Place: Bangalore Md Hasan

# ABSTRACT

The main objective of the Rental Management System is to provide an easy interface to maintain all the information of all tenants in a place. The project is totally built at administrative end, so that only owner of the house or apartment can view or manage all valuable information from their tenants. The system has the following features:

* Secure login to system via a login form.
* User friendly interface to add data to database and view reports at one place.
* Owner can track particular’s rent, paying dates and transaction Id.
* Account section will show overall payment paid to owner.
* Owner can generate payment receipt for tenants.

In addition, owner can analyze old data to provide better service in future. New features like face detection, WhatsApp integration can be done to this project in future. Tenants logbook connected with face detection api can be automatically filled with out-time and in-time. WhatsApp integration can be done to send payment receipt directly to tenants.

|  |
| --- |
| **CONTENTS**  **Chapter Pg.no** |
| 1. Introduction to Database Management System    1. Introduction 01    2. History of DBMS 02    3. Characteristics of Database Approach 03-05    4. Applications of DBMS 06 2. Schema and ER Diagram    1. ER Diagram 07    2. Schema Diagram 08 3. Resource Requirements 09    1. Hardware Requirements    2. Software Requirements 4. Description of Tools and Technologies    1. HTML 10    2. CSS 10    3. JavaScript 11    4. PHP Language 11    5. IIS or Apache Server 12    6. MYSQL Database 13    7. What is MYSQL 13    8. Xampp Server 14-15 5. PHP Database Connectivity 16-18 6. Implementation 19-20 7. Snapshots 21-25 8. Future Enhancement 26 9. Conclusion 27 10. Bibliography 28 |