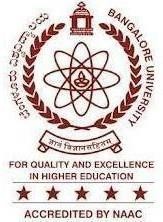
**BANGALORE UNIVERSITY**

**UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING**

K R Circle, Bengaluru - 560001



# Department of Computer Science and Engineering

**A DBMS Mini-Project Report on**

## “CAR RENTAL SYSTEM”

**Submitted By:**

**Kavya S R (18GAEC9028)**

**V SEM, B.Tech (CSE)**

**Under the Guidance of:**

**Dr. Champa. H.N**

**Professor**

**Department of CSE**

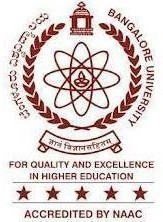
**UVCE, Bengaluru**

**YEAR 2020-21**

**BANGALORE UNIVERSITY**

**University Visvesvaraya College of Engineering**

K R Circle, Bengaluru - 560001



**Department of Computer Science and Engineering**

# CERTIFICATE

This is to certify that Mrs. Kavya S R of V Semester, B. Tech, (Computer Science and Engineering), bearing the register number 18GAEC09028 has submitted the DBMS Mini-Project Report on “**CAR RENTAL SYSTEM**”, in partial fulfillment for the DBMS Lab, prescribed by the Bangalore University for the academic year 2020-21.

**Guide: Chairperson:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

### Dr. Champa H N Dr. Dilip Kumar S M

### Professor Professor & Chairperson

**Department of CSE Department of CSE**

**UVCE UVCE**

**Examiner 1:**

**Examiner 2:**

**ACKNOWLEDGEMENT**

The satisfaction that accompanies the successful completion of any task is incomplete without the mention of people who made it possible, whose constant guidance and encouragement crown all efforts and success.

I am grateful to acknowledge the honorable Vice Chancellor **Dr. Venugopal K R**, Bangalore University, for his valuable suggestions and relentless support, which has sustained me throughout the course of the project.

I express my gratefulness to **Dr. H N Ramesh**, Principal, UVCE who has been leading our college with a brighter vision in technical education.

I express my profound gratitude to **Dr. Dilip Kumar S M**, Chairperson, Department of Computer Science and Engineering, UVCE who has been a constant source of inspiration to the students work.

With extreme honor I express my deep sense of gratitude to my guide **Dr. Champa H N**, Professor, Department of Computer Science and Engineering, UVCE for her valuable guidance and supervision in this course of project.

I express my sincere thanks to all teaching and non-teaching staff, Department of Computer Science and Engineering, UVCE for all the facilities that they provided me to successfully complete this project.

I also thank my parents and friends for their continuous support and encouragement.

-Kavya S R

18GAEC9028

# ABSTRACT

The project ‘Car rental System’ deals with the maintenance of large number of records of the different types of cars to be maintained by its user.

This is a website designed primarily for use of managing the car records. This system deals with the maintenance of the records of the different categories of car and their users. It also contains the necessary information of booking, cost and car-history details and their services.

The proposed system makes it easier to search these records and edit them. This system has a very user-friendly interface and all the operations that can be performed in the project are self-explanatory. It reduces the effort required to manually maintain all these records.

# TABLE OF CONTENTS

SL.NO TITLE PAGE.NO

1 Introduction 1

2 Literature Survey 2

3 Software Environment 3

4 Requirement Specification 8

5 System Design 9

6 Implementation 22

7 Results 24

8 Conclusion and Future Work 27

9 References 28

# LIST OF FIGURES

Figure 5.1: Notation for ER Diagram 10

Figure 5.2: ER Diagram 11

Figure 5.3: Relational Database Schema Diagram 12

Figure 6.1: Connection of Signup page with backend 22

Figure 6.2: Connection of Booking page with backend 23

Figure 6.3: Retrieving data from backend using various PHP functions 23

Figure 7.1: Welcome page 24

### Figure 7.2: Login and signup form 24

### Figure7.3: Car details 25

### Figure 7.4: Booking and payment form 25

Figure 7.5: Customer reports 26

Figure 7.6: Admin page 26