VISVESVARAYA TECHNOLOGICAL UNIVERSITSY

"Jnana Sangama", Belagavi-590018



DBMS MINI PROJECT

REPORT ON

# "ONLINE BIKE RENTAL SYSTEM"

Submitted in partialfulfillment of the requirements for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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| KSSEM |

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2021-2022

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## CERTIFICATE

This is to certify that the DBMS MINI PROJECT entitled "ONLINE BIKE RENTAL SYSTEM" presented by Miss. SURAKSHA RACHANA, USN: 1KG19CS093, Mr. SATHISH KUMAR S, USN:1KG19CS085 of V semester in partial fulfillment of the award of Bachelor of Engineering in Computer Science & Engineering in Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. The DBMS MINI PROJECT has been approved as it satisfies the academic requirements in respect of DBMS Mini Project(18CSL58) prescribed for the Bachelor of Engineering degree.



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## ACKNOWLEDGEMENT

The successful presentation of the DBMS MINI PROJECT would be incomplete without the mention of the people who made it possible and whose constant guidance crowned my effort with success.

1 would like to extend my gratitude to the MANAGEMENT, KAMMAVARI SANGHAM, Bengaluru, for providing all the facilities to present the DBMS Mini Project.

I would like to extend my gratitude to Dr. K. RAMA NARASIMHA, Principal / Director, K.S.School of Engineering and Management, Bengaluru, for facilitating me to present the Web Technology Mini Project.

I thank Dr. Vandana Jha., Associate Professor and Head, Department of Computer Science and Engineering, K. S. School of Engineering and Management, Bengaluru, for her encouragement.

I would like to thank our Project Guide, Mrs. Amitha S. , Assistant Professor, Department of Computer Science and Engineering, K. S. School of Engineering and Management, Bengaluru, for their constant guidance and inputs.

I would like to thank all the Teaching Staff and Non-Teaching Staff of the college for their co-operation.

Finally, I extend my heart-felt gratitude to my family for their encouragement and support without which I would not have come so far. Moreover, I thank all my friends for them invaluable support and cooperation.

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ABSTRACT

We developed this project to book a bike on rent at the fare charges. In present system all booking work done manually and it takes very hard work to maintain the information of booking and bikes. If you want to find which vehicle is available for booking then it takes a lot of time. It only makes the process more difficult and hard. This aim of the project is to automate the work performed in the bike rental management system like generating daily bookings, records of bike available for booking, record of routes available, rental charges for bikes for every rout, store record of the customer. Bike rental management system is a bike booking software that provides a complete solution to all your day-to-day bike booking office running needs. This system helps you to keep the information of Customer online. You can check your customer information any time by using this system. Using this this you can also keep the information of number of bookings in current month or in last 6 month or in last year. This helps you to track your business and you earning in particular month or in any year. Based on this information you can take decision regarding your business development.

In this framework we can procure bike rents. For travelling for more than 1-month you can hire a bike on rent. Seller will put their bicycles and bikes on lease, the clients can choose the bikes according to the accessibility, after choosing bike of their choice they can book and pay online. This rental system has two modules namely Admin and User. Admin can login, can add, update and delete user information and also bikes list. He/she can view bookings, user and feedbacks given by users. Users can register on the website and then login, can check of availability of bikes and book the bike of his/her choice and pay accordingly.

## TABLE OF CONTENTS

|  |  |
| --- | --- |
| 1. INTRODUCTION | 6-7 |
| 1.1 AIM | 6 |
| 1.2 PROBLEM STATEMENT | 6 |
| 1.3 DATABASE MANAGEMENT SYST | 6 |
| 1.4 SQL | 7 |
| 1.5 HTML/JAVASCRIPT/CSS | 7 |
| 1.6 PHP CONNECTIONS | 7 |
| 2. REQUIREMENTS SPECIFICATION | 8-10 |
| 2.1 ONLINE EXAMNATION SYSTEM | 8 |
| 2.2 ONLINE EXAMNATION SYSTEM FEATURES | 8 |
| 2.3 BRIEF OVERVIEW OF THE TECHNOLOGY | 9 |
| 2.4 PROJECT OBJECTIVE | 9 |
| 2.5 HARDWARE REQUIREMENTS | 9 |
| 2.6 SOFTWARE REQUIREMENTS | 9-10 |
| 2.7 TECHNOLOGY | 10 |
| 3. DETAILED DESIGN | 11-16 |
| 3.1 SYSTEM DESIGN | 11 |
| 3.2 ER DIAGRAM | 12-13 |
| 3.3 RELATIONAL SCHEMA | 14 |
| 3.4 DESCRIPTION OF TABLES | 15-16 |
| 4. IMPLEMENTATION | 17-29 |
| 4.1 ADMN.PHP | 17 |
| 4.2 SIGN.PHP | 17-18 |
| 4.3 LOGIN.PHP | 19 |

4.4 LOGOUT.PHP 19-20

4.5 PROJECT.SQL 20-29

5.TESTING 30

5.1 SOFTWARE TESTING 30

5.2 MODULE TESTING AND INTEGRATION 30

1. SNAPSHOTS 31-34
   1. SIGN IN 31
   2. LOG IN 32
   3. START PAGE 32
   4. PHPMYADMIN 33
   5. ADMN PAGE 33
   6. QUIZ ADD PAGE 34

FEEDBACK PAGE 34

CONCLUSION 35

## LIST OF FIGURES

Figure No. Figure Name Page No.

3.1 JSP Architecture 11

3.2 ER diagram of Online examination System 13

3.3 Schema diagram 14

Chapter 1

### INTRODUCTION

* 1. AIM:

We developed this project to book a car on rent at the fare charges. In present system all booking work done manually and it takes very hard work to maintain the information of booking and cars. If you want to find which vehicle is available for booking then it takes a lot of time. It only makes the process more difficult and hard. This aim of the project is to automate the work performed in the car rental management system like generating daily bookings, records of car or cab available for booking, record of routes available, rental charges for cars for every rout, store record of the customer.Car rental management system is a car booking software that provides a complete solution to all your day-to-day car booking office running needs. This system helps you to keep the information of Customer online. You can check your customer information any time by using this system. Cab rental management system is a unique and innovative product. Using this this you can also keep the information of number of bookings in current month or in last 6 month or in last year. This helps you to track your business and you earning in particular month or in any year. Based on this information you can take decision regarding your business development.

* 1. PROBLEM STATEMENT :

car rental is a vehicle that can be used temporarily for a fee during a specified period.Getting a rental car helps people get around despite the fact they do not have access to theirown personal vehicle or don't own a vehicle at all. The individual who needs a car mustcontact a rental car company and contract out for a vehicle. This system increases customerretention and simplify vehicle and staff management.

* 1. DATABASE MANAGEMENT SYSTEM:

A database management system (DBMS) is system software for creating and managing databases. The DBMS provides users and programmers with a systematic way to create, retrieve, updates and manage data. The DBMS essentially serves as an interface between the database and end users application programs, ensuring that data is consistently organized and remains easily accessible. The DBMS manages three important things the data, the database engine that allows data to be accessed, locked, and modified and the database schema, which defines the database's logical structure. These three foundational elements help to provide concurrency, security, data integrity and uniform administration procedures. Typical database administration tasks supported by the DBMS include change management, performance monitoring/tuning and backup and recovery. Many databases management systems are also responsible for automated rollbacks, restarts and recovery as well as the logging and auditing of activity.

1.4 SQL:

SQL is a standard language for storing and retrieving data in databases. Originally based upon relational algebra and tuple relational calculus, SQL consists of a data definition language, data manipulation language, and data control language. The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control. SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987. Since then, the standard has been revised to include a larger set of features. Despite the existence of such standards, most SQL code is not completely portable among different database systems without adjustments.

1.5 HTML / JavaScript/CSS:

HTML is a markup language used for structuring and presenting content on the web and the fifth and current major version of the HTML standard.HTML includes detailed processing models to encourage more interoperable implementations; it extends and rationalizes the markup available for documents and introduces markup and application programming interfaces (APIs) for complex web applications. JavaScript often abbreviated as JS, is a high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype- based and multi-paradigm. Along HTML and CSS, JavaScript is one of the three core technologies of the World Wide Web. JavaScript enables interactive web pages and thus is an essential part of web applications. Majority of websites use it, and all major web browsers have a dedicated JavaScript engine to execute it. CSS in a separate .CSS file which reduces complexity and repetition in the structural content as well as enabling the .CSS file to be attached to improve the page load speed between the pages that share the file and its formatting.

1.6 PHP CONNECTIONS:

Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software. PHP is a web base language so we can create an online examination system in PHP.

Chapter 2

#### REQUIREMENTS SPECIFICATION

2.1 WHAT IS AN ONLINE EXAMINATION SYSTEM?

In an online examination system examine get their user id and password with his/her admit card. This id is already saved in the examination server. When examine login to the server he/she get his/her profile already register. On the certain time examine gets the message to start the examination. All answers given by examine are saved into the server with his/her profile information. Online examination system also allows to correct the answer if examine needed to change any answer in the examination time duration, however, after the time duration any change will not allow. This also makes c checking the answer easy and error proof as computers are more accurate than man and provide fast results too. Php is a web base language so we can create an online examination system in PHP.

In the world of internet, all tasks have been done through internet, so we can decide why Exam has not conducted through internet. For converting current exam system into digital exam system, we have built this small Online Exam system project.

2.2 ONLINE EXAMINATION SYSTEM FEATURES:

This module helps the customers to take any bike on rent from any bike seller. The status of bikes can be updated as soon as it gets free or it gets booked so that no other customer tries to book the same bike. The information that is added to a bike is its model no, vehicle no, and owner name.

2.3 BRIEF OVERVIEW OF THE TECHNOLOGY: ONLINE BIKE RENTAL SYSTEM IN PHP:

FRONT END: HTML, CSS, JavaScript:

HTML: HTML is used to create and save web document. Ex- Notepad/Notepad++

CSS: (Cascading Style Sheets) Create attractive Layout

Bootstrap: responsive design mobile friendly-site

JavaScript: it is a programming language, commonly use with web browsers.

BACK END: PHP, MySQL:

PHP: Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is opensource software.

MySQL: MYSQL is a database, widely used for accessing querying, updating, and managing data in databases.

2.4 PROJECT OBJECTIVE:

Bike renting system provides option to experience the city on a bike, which exciting, less expensive and more convenient way of travelling. The bike rental system is beneficial for tourist as well as commuters to cut down on pollution. There is less commitment using a bike rental than buying a new bicycle. Convenient and easy way of commuting

2.5 HARDWARE REQUIREMENTS:

1. PC with 250 GB or more Hard disk.
2. PC with 2 GB RAM.
3. PC with Pentium 1 and Above.

2.6 SOFTWARE REQUIREMENTS:

1. Operating System - Windows XP / Windows
2. Language - PHP 3 Database - MySQL 4 IDE - Visual Code

5 Browser - Google Chrome

2.7 TECHNOLOGY:

* + HTML is used for the frontend design. It provides a means to structure text-based information in a document. It allows users to produce web pages that include text, graphics and hyperlinks.
  + CSS (Cascading Style Sheets) is a style sheet language used for describing the presentation of a document written in a markup language. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document.
  + SQL is the language used to manipulate relational databases. It is tied closely with the relational model. It is issued for the purpose of data definition and data manipulation.  PHP is a server-side scripting language that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed. The client computers accessing the PHP scripts require a web browser only. A PHP file contains PHP tags and ends with the extension ".php".

Chapter 3

#### DETAILED DESIGN

3.1 SYSTEM DESIGN

The web server needs a JSP engine, i.e., a container to process JSP pages. The JSP container is responsible for intercepting requests for JSP pages. A JSP container works with the Web server to provide the runtime environment and other services a JSP needs. It knows how to understand the special elements that are part of JSPs. This server will act as a mediator between the client browser and a database. The following diagram shows the JSP architecture.

Diagram

Description automatically generated

##### Fig. 3.1 JSP Architecture

Three-tier Client / Server database architecture is commonly used architecture for web applications. Intermediate layer called Application server or Web Server stores the web connectivity software and the business logic (constraints) part of application used to access the right amount of data from the database server. This layer acts like medium for sending partially processed data between the database server and the client. Database architecture focuses on the design, development, implementation and maintenance of computer programs that store and organize information for businesses, agencies and institutions. A database architect develops and implements software to meet the needs of users. Several types of databases, including relational or multimedia, may be created. Additionally, database architects may use one of several languages to create databases, such as structured query language.

3.2 ENTITY RELATIONSHIP DIAGRAM:

An entity—relationship model is usually the result of systematic analysis to define and describe what is important to process in an area of a business. An E-R model does not define the business processes; it only presents a business data schema in graphical form. It is usually drawn in a graphical form as boxes (entities) that are connected by lines

(relationships) which express the associations and dependencies between entities. Entities may be characterized not only by relationships, but also by additional properties(attributes). Diagrams created to represent attributes as well as entities and relationships may be called entity-attribute-relationship diagrams, rather than entity-relationship models. An ER model is typically implemented as a database. In a simple relational database implementation, each row of a table represents one instance of an entity type, and each field in a table represents an attribute type. There is a tradition for ER/data models to be built at two or three levels of abstraction. Note that the conceptual-logical-physical hierarchy below is used in other kinds of specification and is different from the three-schema approach to software engineering. While useful for organizing data that can be represented by a relational structure, an entityrelationship diagram cannot sufficiently represent semi-structured or unstructured data, and an ER Diagram is unlikely to be helpful on its own in integrating data into a pre-existing information system.

3.3 ER DIAGRAM:

Fig: ERP DIAGRAM OF ONLINE BIKE FOR RENT

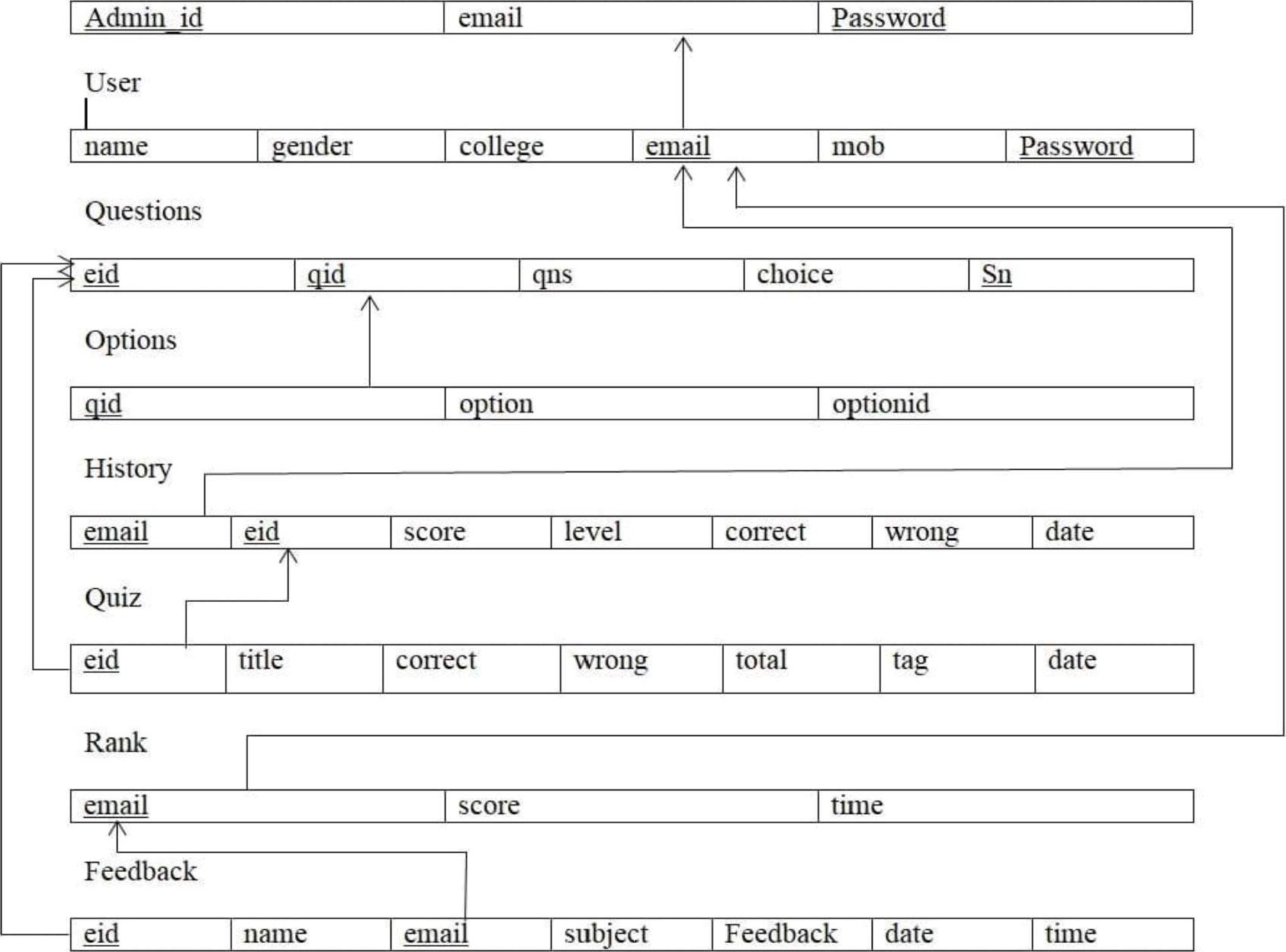
Diagram

Description automatically generated

3.4 RELATIONAL SCHEMA:

The term "schema" refers to the organization of data as a blueprint of how the database is constructed. The formal definition of a database schema is a set of formulas called integrity constraints imposed on a database. A relational schema shows references among fields in the database. When a primary key is referenced in another table in the database, it is called a foreign key. This is denoted by an arrow with the head pointing at the referenced key attribute. A schema diagram helps organize values in the database. The following diagram shows the schema diagram for the database.

Admin



3.5 DESCRIPTION OF TABLES

The database consists of eight tables

* + 1. **Admin:**

Id: unique admin id

Password: password of the id

* + 1. **User:**

id : unique user id

Full\_Name:name of the user

Password: password of the id

contact no:contact no of the user

* + 1. **TBIBrands:**

Id: unique id of the brand

Brand\_name: name of the brand

* + 1. **TBLBooking:**

Id: unique id used for booking

Vechicle \_id: unique id of vechicle

Status: booking status

User\_email: emailid of user

Message: messages received for booking

to\_date: up until the date mentioned by the user

from\_date: beginning of the users mention date

* + 1. **TBLVehicle:**

Id : unique id of the vehicle

fuel type : capacity of the fuel

Vehicle : vehicle name

Title : vehicle title

price\_per\_day : cost

vehicle\_overview : vehicle condition

vehicle\_brand : type of brand

seat\_capacity : number of seats available

* + 1. **TBLSubcribes:**

Id : unique id

subcribers\_emailid : subcribers mail id

* + 1. **TBLTestimonial:**

Id : unique id

Testimonial : feedback

* + 1. **TableContactUsQuery:**

Id : unique admin id

Name : user name

Emailid : user mail id

Message : message required for the enquery

Chapter 4

#### IMPLEMENTATION

-- phpMyAdmin SQL Dump

-- version 4.4.14

-- http://www.phpmyadmin.net

--

-- Host: 127.0.0.1

-- Generation Time: Jun 28, 2017 at 07:57 PM

-- Server version: 5.6.26

-- PHP Version: 5.5.28

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

-- Database: `bikerental`

--

-- --------------------------------------------------------

--

-- Table structure for table `admin`

--

CREATE TABLE IF NOT EXISTS `admin` (

`id` int(11) NOT NULL,

`UserName` varchar(100) NOT NULL,

`Password` varchar(100) NOT NULL,

`updationDate` timestamp NOT NULL DEFAULT '0000-00-00 00:00:00' ON UPDATE CURRENT\_TIMESTAMP

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `admin`

--

INSERT INTO `admin` (`id`, `UserName`, `Password`, `updationDate`) VALUES

(1, 'admin', '5c428d8875d2948607f3e3fe134d71b4', '2017-06-18 12:22:38');

-- --------------------------------------------------------

--

-- Table structure for table `tblbooking`

--

CREATE TABLE IF NOT EXISTS `tblbooking` (

`id` int(11) NOT NULL,

`userEmail` varchar(100) DEFAULT NULL,

`VehicleId` int(11) DEFAULT NULL,

`FromDate` varchar(20) DEFAULT NULL,

`ToDate` varchar(20) DEFAULT NULL,

`message` varchar(255) DEFAULT NULL,

`Status` int(11) DEFAULT NULL,

`PostingDate` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP

) ENGINE=InnoDB AUTO\_INCREMENT=4 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblbooking`

--

INSERT INTO `tblbooking` (`id`, `userEmail`, `VehicleId`, `FromDate`, `ToDate`, `message`, `Status`, `PostingDate`) VALUES

(1, 'test@gmail.com', 2, '22/06/2017', '25/06/2017', 'Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco', 1, '2017-06-19 20:15:43'),

(2, 'test@gmail.com', 3, '30/06/2017', '02/07/2017', 'Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco', 2, '2017-06-26 20:15:43'),

(3, 'test@gmail.com', 4, '02/07/2017', '07/07/2017', 'Lorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ', 0, '2017-06-26 21:10:06');

-- --------------------------------------------------------

--

-- Table structure for table `tblbrands`

--

CREATE TABLE IF NOT EXISTS `tblbrands` (

`id` int(11) NOT NULL,

`BrandName` varchar(120) NOT NULL,

`CreationDate` timestamp NULL DEFAULT CURRENT\_TIMESTAMP,

`UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE CURRENT\_TIMESTAMP

) ENGINE=InnoDB AUTO\_INCREMENT=8 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblbrands`

--

INSERT INTO `tblbrands` (`id`, `BrandName`, `CreationDate`, `UpdationDate`) VALUES

(1, 'KTM', '2017-06-18 16:24:34', '2017-06-19 06:42:23'),

(2, 'Bajaj', '2017-06-18 16:24:50', NULL),

(3, 'Honda', '2017-06-18 16:25:03', NULL),

(4, 'Suzuki', '2017-06-18 16:25:13', NULL),

(5, 'Yamaha', '2017-06-18 16:25:24', NULL),

(7, 'Ducati', '2017-06-19 06:22:13', NULL);

-- --------------------------------------------------------

--

-- Table structure for table `tblcontactusinfo`

--

CREATE TABLE IF NOT EXISTS `tblcontactusinfo` (

`id` int(11) NOT NULL,

`Address` tinytext,

`EmailId` varchar(255) DEFAULT NULL,

`ContactNo` char(11) DEFAULT NULL

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblcontactusinfo`

--

INSERT INTO `tblcontactusinfo` (`id`, `Address`, `EmailId`, `ContactNo`) VALUES

(1, 'Test Demo test demo ', 'test@test.com', '8585233222');

-- --------------------------------------------------------

--

-- Table structure for table `tblcontactusquery`

--

CREATE TABLE IF NOT EXISTS `tblcontactusquery` (

`id` int(11) NOT NULL,

`name` varchar(100) DEFAULT NULL,

`EmailId` varchar(120) DEFAULT NULL,

`ContactNumber` char(11) DEFAULT NULL,

`Message` longtext,

`PostingDate` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`status` int(11) DEFAULT NULL

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblcontactusquery`

--

INSERT INTO `tblcontactusquery` (`id`, `name`, `EmailId`, `ContactNumber`, `Message`, `PostingDate`, `status`) VALUES

(1, 'Harry Den', 'webhostingamigo@gmail.com', '2147483647', 'Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry''s standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum', '2017-06-18 10:03:07', 1);

-- --------------------------------------------------------

--

-- Table structure for table `tblpages`

--

CREATE TABLE IF NOT EXISTS `tblpages` (

`id` int(11) NOT NULL,

`PageName` varchar(255) DEFAULT NULL,

`type` varchar(255) NOT NULL DEFAULT '',

`detail` longtext NOT NULL

) ENGINE=MyISAM AUTO\_INCREMENT=22 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblpages`

--

INSERT INTO `tblpages` (`id`, `PageName`, `type`, `detail`) VALUES

(1, 'Terms and Conditions', 'terms', '<P align=justify><FONT size=2><STRONG><FONT color=#990000>(1) ACCEPTANCE OF TERMS</FONT><BR><BR></STRONG>Last updated: December 05, 2017

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If you have any questions about these Terms, please contact us. </FONT></P>'),

(2, 'Privacy Policy', 'privacy', '<span style="color: rgb(0, 0, 0); font-family: &quot;Open Sans&quot;, Arial, sans-serif; font-size: 14px; text-align: justify;">At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga. Et harum quidem rerum facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet ut et voluptates repudiandae sint et molestiae non recusandae. Itaque earum rerum hic tenetur a sapiente delectus, ut aut reiciendis voluptatibus maiores alias consequatur aut perferendis doloribus asperiores repellat</span>'),

(3, 'About Us ', 'aboutus', '<span style="color: rgb(0, 0, 0); font-family: &quot;Open Sans&quot;, Arial, sans-serif; text-align: justify;">WE ARE THE BIKE RENTAL MANAGER. The only 100% dedicated bike rental booking website. The first Bike Rental Manager (BRM) shop was our own bike shop. Ever Since it has been our aim to make bike rental easier for everyone, everywhere.We focus on making bike rentals easier for you.Your rental business has a unique set of challenges. We are the only dedicated bike rental site and will be able to offer you a solution to match your needs.Get in touch with us today! We provide affordable bike rates, we hae lost of Satiisfied customers feedback, you can have a look at our home page too!! </span>'),

(11, 'FAQs', 'faqs', ' <span style="color: rgb(0, 0, 0); font-family: &quot;Open Sans&quot;, Arial, sans-serif; font-size: 14px; text-align: justify;">How do I use discounts coupons?

Except for promotion codes, Our discounts are applied automatically if your reservation meets any of the criteria mentioned above.

To use a promotion code, simply enter the code on the homepage widget as you start your reservation. You can do this by selecting the "Have a promotion code?" prompt. Promotion codes can also be entered on the checkout page, under Reservation Total. Please note that the promotion code prompt does not appear for certain types of reservations, such as reservations made on the Deals page.

<br>

Our Discounts Terms & Conditions

We no longer offer or accept returning customer discounts. All discounts are non-transferable and cannot be combined with additional promotions or discounts.</br>

\* Liability in case accident:

The hirer should have coverage through his own accident and liability insurance.

The renting company is not responsible under any circumstances for accidents or damages caused to the hirer or which the hirer causes to any third party or cases of liability </span>');

-- --------------------------------------------------------

--

-- Table structure for table `tblsubscribers`

--

CREATE TABLE IF NOT EXISTS `tblsubscribers` (

`id` int(11) NOT NULL,

`SubscriberEmail` varchar(120) DEFAULT NULL,

`PostingDate` timestamp NULL DEFAULT CURRENT\_TIMESTAMP

) ENGINE=InnoDB AUTO\_INCREMENT=4 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblsubscribers`

--

INSERT INTO `tblsubscribers` (`id`, `SubscriberEmail`, `PostingDate`) VALUES

(1, 'anuj.lpu1@gmail.com', '2017-06-22 16:35:32');

-- --------------------------------------------------------

--

-- Table structure for table `tbltestimonial`

--

CREATE TABLE IF NOT EXISTS `tbltestimonial` (

`id` int(11) NOT NULL,

`UserEmail` varchar(100) NOT NULL,

`Testimonial` mediumtext NOT NULL,

`PostingDate` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`status` int(11) DEFAULT NULL

) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tbltestimonial`

--

INSERT INTO `tbltestimonial` (`id`, `UserEmail`, `Testimonial`, `PostingDate`, `status`) VALUES

(1, 'test@gmail.com', 'This is amazing! I mean really such great bike for rent at affordable price. oh this is crazy man!', '2017-06-18 07:44:31', 1),

(2, 'demo@gmail.com', '\nI think this is the one and only top bike rental site in the world. 5-Stars from me - Full satisfaction, no complain at all', '2017-06-18 07:46:05', 1);

-- --------------------------------------------------------

--

-- Table structure for table `tblusers`

--

CREATE TABLE IF NOT EXISTS `tblusers` (

`id` int(11) NOT NULL,

`FullName` varchar(120) DEFAULT NULL,

`EmailId` varchar(100) DEFAULT NULL,

`Password` varchar(100) DEFAULT NULL,

`ContactNo` char(11) DEFAULT NULL,

`dob` varchar(100) DEFAULT NULL,

`Address` varchar(255) DEFAULT NULL,

`City` varchar(100) DEFAULT NULL,

`Country` varchar(100) DEFAULT NULL,

`RegDate` timestamp NULL DEFAULT CURRENT\_TIMESTAMP,

`UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE CURRENT\_TIMESTAMP

) ENGINE=InnoDB AUTO\_INCREMENT=5 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblusers`

--

INSERT INTO `tblusers` (`id`, `FullName`, `EmailId`, `Password`, `ContactNo`, `dob`, `Address`, `City`, `Country`, `RegDate`, `UpdationDate`) VALUES

(1, 'Harry Den', 'demo@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '2147483647', NULL, NULL, NULL, NULL, '2017-06-17 19:59:27', '2017-06-26 21:02:58'),

(2, 'AK', 'anuj@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '8285703354', NULL, NULL, NULL, NULL, '2017-06-17 20:00:49', '2017-06-26 21:03:09'),

(3, 'Mark K', 'webhostingamigo@gmail.com', 'f09df7868d52e12bba658982dbd79821', '09999857868', '03/02/1990', 'PKL', 'PKL', 'PKL', '2017-06-17 20:01:43', '2017-06-17 21:07:41'),

(4, 'Tom K', 'test@gmail.com', '5c428d8875d2948607f3e3fe134d71b4', '9999857868', '', 'PKL', 'XYZ', 'XYZ', '2017-06-17 20:03:36', '2017-06-26 19:18:14');

-- --------------------------------------------------------

--

-- Table structure for table `tblvehicles`

--

CREATE TABLE IF NOT EXISTS `tblvehicles` (

`id` int(11) NOT NULL,

`VehiclesTitle` varchar(150) DEFAULT NULL,

`VehiclesBrand` int(11) DEFAULT NULL,

`VehiclesOverview` longtext,

`PricePerDay` int(11) DEFAULT NULL,

`FuelType` varchar(100) DEFAULT NULL,

`ModelYear` int(6) DEFAULT NULL,

`SeatingCapacity` int(11) DEFAULT NULL,

`Vimage1` varchar(120) DEFAULT NULL,

`Vimage2` varchar(120) DEFAULT NULL,

`Vimage3` varchar(120) DEFAULT NULL,

`Vimage4` varchar(120) DEFAULT NULL,

`Vimage5` varchar(120) DEFAULT NULL,

`AirConditioner` int(11) DEFAULT NULL,

`PowerDoorLocks` int(11) DEFAULT NULL,

`AntiLockBrakingSystem` int(11) DEFAULT NULL,

`BrakeAssist` int(11) DEFAULT NULL,

`PowerSteering` int(11) DEFAULT NULL,

`DriverAirbag` int(11) DEFAULT NULL,

`PassengerAirbag` int(11) DEFAULT NULL,

`PowerWindows` int(11) DEFAULT NULL,

`CDPlayer` int(11) DEFAULT NULL,

`CentralLocking` int(11) DEFAULT NULL,

`CrashSensor` int(11) DEFAULT NULL,

`LeatherSeats` int(11) DEFAULT NULL,

`RegDate` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE CURRENT\_TIMESTAMP

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblvehicles`

--

INSERT INTO `tblvehicles` (`id`, `VehiclesTitle`, `VehiclesBrand`, `VehiclesOverview`, `PricePerDay`, `FuelType`, `ModelYear`, `SeatingCapacity`, `Vimage1`, `Vimage2`, `Vimage3`, `Vimage4`, `Vimage5`, `AirConditioner`, `PowerDoorLocks`, `AntiLockBrakingSystem`, `BrakeAssist`, `PowerSteering`, `DriverAirbag`, `PassengerAirbag`, `PowerWindows`, `CDPlayer`, `CentralLocking`, `CrashSensor`, `LeatherSeats`, `RegDate`, `UpdationDate`) VALUES

(1, 'SS400', 2, 'Slowly spreading its cards this year, the Ace of Bajaj Autos is still not on the table. With the expectations like Pulsar 400SS or Pulsar SS400, the Ace (400SS) would be the commander of the Pulsar series. It would be a benchmark for the other motorcycle manufacturers as the competition for more performance oriented bikes will definitely rise this year.', 345345, 'Petrol', 3453, 2, 'knowledges\_base\_bg.jpg', '20170523\_145633.jpg', 'codepro.png', 'social-icons.png', '', 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, '2017-06-19 11:46:23', '2017-06-20 18:38:13'),

(2, 'RS200', 2, 'The Pulsar is by far the most successful brand Bajaj has managed to create in the recent past.It is also fast, no doubt. But, its true highlight is its easy to ride nature. ', 859, 'Petrol', 2015, 2, 'bike\_755x430.png', 'looking-used-bike.png', 'front-image.jpg', 'about\_services\_faq\_bg.jpg', '', 1, 1, 1, 1, 1, 1, 1, NULL, 1, 1, NULL, NULL, '2017-06-19 16:16:17', '2017-06-21 16:57:11'),

(3, 'R1', 4, ' The Suzuki GSX-R1000 is a sport bike from Suzuki GSX-R series of motorcycles.It was introduced in 2001 to replace the GSX-R1100 and is powered by a liquid-cooled 999 cc (61.0 cu in) inline four-cylinder, four-stroke engine.', 563, 'Petrol', 2012, 2, 'featured-img-300.jpg', 'dealer-logos.jpg', 'img\_390x3900.jpg', 'listing\_img303.jpg', '', 1, 1, 1, 1, 1, 1, NULL, 1, 1, NULL, NULL, NULL, '2017-06-19 16:18:20', '2017-06-20 18:40:11'),

(4, 'Duke390', 1, ' The KTM 390 DUKE breathes life into values that have made motorcycling so amazing for decades. It combines maximum riding pleasure with optimum user value and comes out on top wherever nimble handling counts. Light as a feather, powerful and packed with state-of-the-art technology, it guarantees a thrilling ride, whether youre in the urban jungle or a forest of bends. 390 DUKE – nowhere you will find more motorcycle per euro.', 5636, 'Petrol', 2012, 2, 'featured-img-3000.jpg', 'featured-img-1000.png', 'featured-img-1000.png', 'featured-img-1000.png', '', 1, 1, 1, 1, 1, 1, 1, 1, 1, NULL, NULL, NULL, '2017-06-19 16:18:43', '2017-06-20 18:44:12'),

(5, 'R1', 5, 'The YZF-R1® features a lightweight and compact crossplane crankshaft, inline-four-cylinder, 998cc high output engine. Featuring titanium fracture-split connecting rods, an offset cylinder block and magnesium covers, the motor delivers extremely high horsepower and a strong pulse of linear torque for outstanding performance, all wrapped in aerodynamic MotoGP®-style bodywork.', 345345, 'Petrol', 3453, 2, 'bikes\_755x430.png', NULL, NULL, NULL, NULL, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, '2017-06-20 17:57:09', '2017-06-21 16:56:43');

--

-- Indexes for dumped tables

--

--

-- Indexes for table `admin`

--

ALTER TABLE `admin`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblbooking`

--

ALTER TABLE `tblbooking`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblbrands`

--

ALTER TABLE `tblbrands`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblcontactusinfo`

--

ALTER TABLE `tblcontactusinfo`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblcontactusquery`

--

ALTER TABLE `tblcontactusquery`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblpages`

--

ALTER TABLE `tblpages`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblsubscribers`

--

ALTER TABLE `tblsubscribers`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tbltestimonial`

--

ALTER TABLE `tbltestimonial`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblusers`

--

ALTER TABLE `tblusers`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `tblvehicles`

--

ALTER TABLE `tblvehicles`

ADD PRIMARY KEY (`id`);

--

-- AUTO\_INCREMENT for dumped tables

--

--

-- AUTO\_INCREMENT for table `admin`

--

ALTER TABLE `admin`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=2;

--

-- AUTO\_INCREMENT for table `tblbooking`

--

ALTER TABLE `tblbooking`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=4;

--

-- AUTO\_INCREMENT for table `tblbrands`

--

ALTER TABLE `tblbrands`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=8;

--

-- AUTO\_INCREMENT for table `tblcontactusinfo`

--

ALTER TABLE `tblcontactusinfo`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=2;

--

-- AUTO\_INCREMENT for table `tblcontactusquery`

--

ALTER TABLE `tblcontactusquery`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=2;

--

-- AUTO\_INCREMENT for table `tblpages`

--

ALTER TABLE `tblpages`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=22;

--

-- AUTO\_INCREMENT for table `tblsubscribers`

--

ALTER TABLE `tblsubscribers`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=4;

--

-- AUTO\_INCREMENT for table `tbltestimonial`

--

ALTER TABLE `tbltestimonial`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=3;

--

-- AUTO\_INCREMENT for table `tblusers`

--

ALTER TABLE `tblusers`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=5;

--

-- AUTO\_INCREMENT for table `tblvehicles`

--

ALTER TABLE `tblvehicles`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT,AUTO\_INCREMENT=6;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

Chapter 5

### TESTING

5.1 SOFTWARE TESTING

System testing of software or hardware is testing conducted on a complete, integrated system to evaluate the system's compliance with its specified requirements. System testing falls within the scope of black-box testing, and as such, should require no knowledge of the inner design of the code or logic. As a rule, system testing takes, as its input, all of the "integrated" software components that have passed integration testing and also the software system itself integrated with any applicable hardware system(s). The purpose of integration testing is to detect any inconsistencies between the software units that are integrated together (called assemblages) or between any of the assemblages and the hardware. System testing is a more limited type of testing; it seeks to detect defects both within the "inter-assemblages" and also within the system as a whole.

5.2 MODULE TESTING AND INTEGRATION

System testing is performed on the entire system in the context of a Functional Requirement Specification(s) (FRS) and/or a System Requirement Specification (SRS). System testing tests not only the design, but also the behavior and even the believed expectations of the customer. It is also intended to test up to and beyond the bounds defined in the software/hardware requirements specification(s).

#### Chapter 6 SNAPSHOTS

6.1 USER DASHBOARD:

A picture containing graphical user interface

Description automatically generated



6.1.1 USER LOGIN:

Graphical user interface, application

Description automatically generated

6.1.2 LIST OF BIKES:

Graphical user interface, application, website

Description automatically generated

6.1.3 BOOKINGS:

Graphical user interface, text, application

Description automatically generated

6.2 ADMIN PAGE:

A picture containing text, road, transport, motorcycle

Description automatically generated

6.2.1 DASHBOARD:

Graphical user interface, application, website

Description automatically generated

6.2.2 FEEDBACK:

Graphical user interface, text, application

Description automatically generated

#### CONCLUSION

In the bike system, the outcome of all the hard work done for a bike on the rent management system is here. It is software which helps the user to sell bikes on rent etc.

This software reduces the amount of manual data entry and gives greater efficiency. The User Interface of it is very friendly and can be easily used by anyone.

It also decreases the amount of time taken to write details and other modules. In the end, we can say that this software is performing all the tasks accurately and is doing the work for which it is made.