MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Skill Based Mini Project Report

on

AIRLINE MANAGEMENT SYSTEM

Submitted By:

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0901CS201086

Faculty Mentor:

Ms. Jaimala Jha , Assistant Professor

Submitted to:

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE
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MAY-JUNE 2022

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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CERTIFICATE

This is certified that **Pranshu Adhwaryu** (0901CS201086) has submitted the project report titled Taxi Management system under the mentorship of asst. Ms. Jaimala Jha , in partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.

Ms. Jaimala jha ma'am
Faculty Mentor
Assistant proffessor
Computer Science and Engineering

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DECLARATION

I hereby declare that the work being presented in this project report, for the partial fulfilment of requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of Ms. Jaimala jha ma'am, Assistant professor , Department of computer science and engineering .

I declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.

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(0901CS201086)
2nd Year,
Computer Science and Engineering

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ACKNOWLEDGEMENT

The full semester project has proved to be pivotal to my career. I am thankful to my institute, **Madhav Institute of Technology and Science** to allow me to continue my disciplinary/interdisciplinary project as a curriculum requirement, under the provisions of the Flexible Curriculum Scheme (based on the AICTE Model Curriculum 2018), approved by the Academic Council of the institute. I extend my gratitude to the Director of the institute, **Dr. R. K. Pandit** and Dean Academics, **Dr. Manjaree Pandit** for this.

I would sincerely like to thank my department, **Department of Computer Science and Engineering, for allowing** me to explore this project. I humbly thank **Dr. Manish Dixit**, Professor and Head, Department of Computer Science and Engineering, for his continued support during the course of this engagement, which eased the process and formalities involved.

I am sincerely thankful to my faculty mentors. I am grateful to the guidance Ms. Jaimala jha ma'am, Assistant professor , Department of computer science and engineering , for her continued support and guidance throughout the project. I am also very thankful to the faculty and staff of the department.

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Abstract

Through this project Airlines Management System, I have managed the database of Different Airlines which includes data like

The airline no, Customer Id, Name, Address, traveling from and Traveling To, and date of Arrival/Departure.

The Database is divided into two parts

1. Admin Panel

2. User Base

Admin Panel is for the Admin to manage and access data that is hidden from the user

The user base has data of all the users who took flight in past/the future.

INTRODUCTION

This project aimed to create a Database to Manage Airlines System Effectively and Efficiently.

Table Of Content:

Airlines Management System

Tables -

3 tables are used to store data i.e. States, City, Flights

1. States - This table contains
   stateid, (Primary key)
   statesname
2. City - This table contains
   Stateid, (Foriegn Key)
   Cityid, (Primary key)
   Cityname
3. Flights -
   Flightid, (Primary Key) Companyname,
   Sourcestateid,(Foriegn Key)
   Sourcecityid, (Foriegn Key)
   Destinationstateid, (Foriegn Key)
   Destinationcityid, (Foriegn Key) status,
   flightclass,
   sourcetiming,
   destinationtiming,
   days,
   Image.

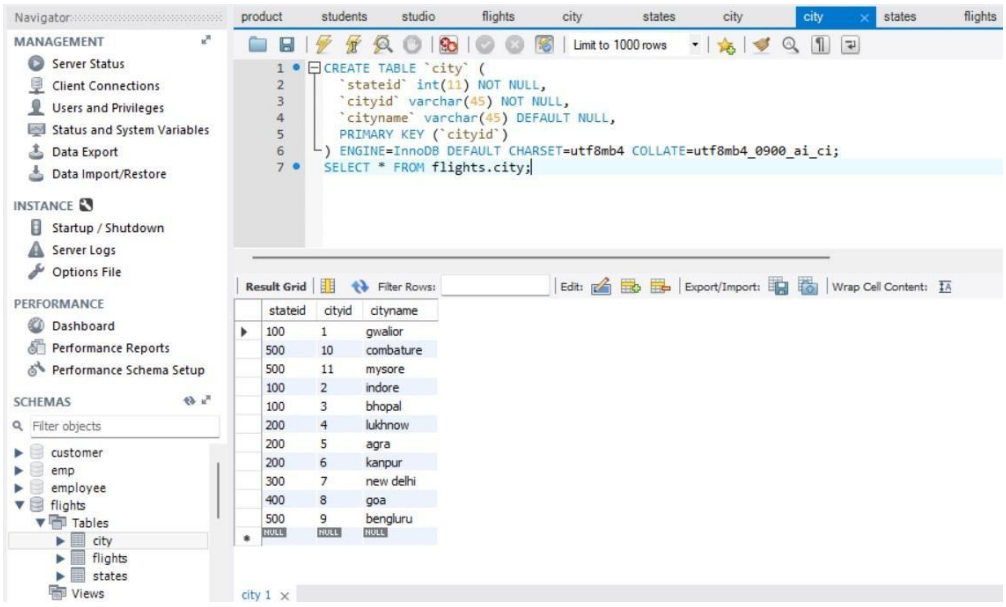
DBMS USED:

MySql Workbench has been used for this Project.

SQL QUERY:

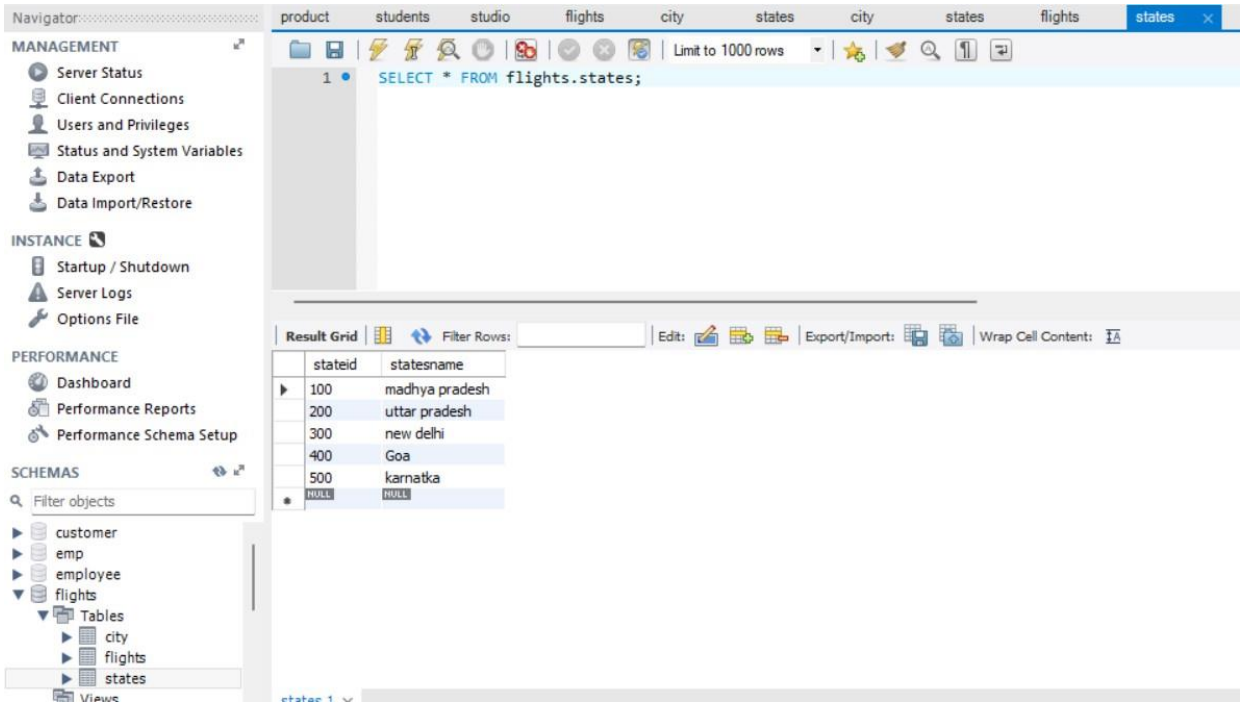
CITY

```
CREATE TABLE `city` (
  `stateid` int(11) NOT NULL,
  `cityid` varchar(45) NOT NULL,
  `cityname` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`cityid`)
) ;
SELECT * FROM flights.city;
```



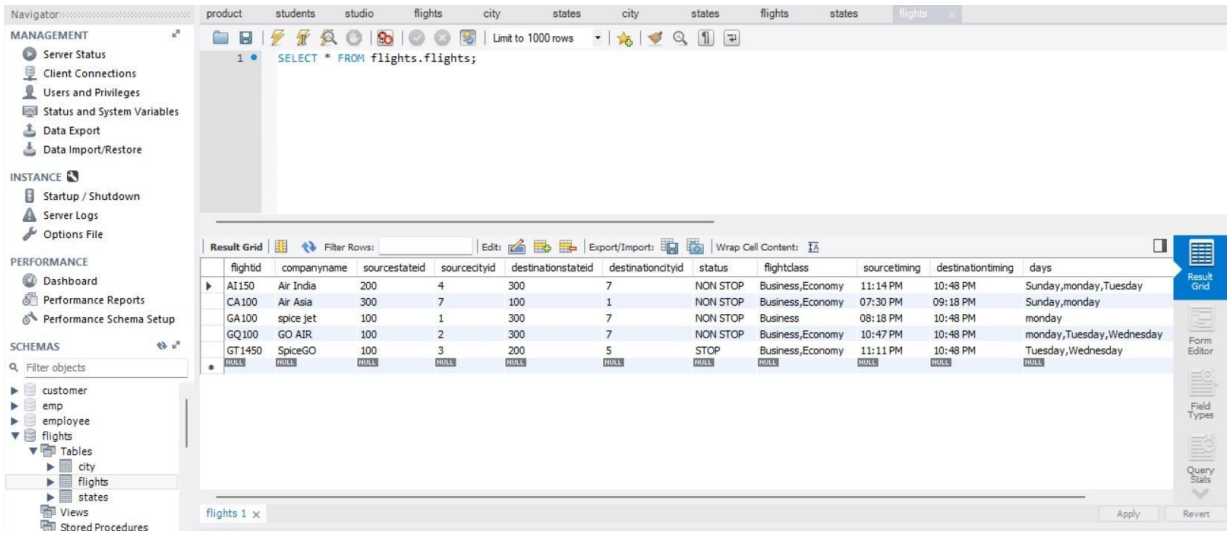
STATES

```
CREATE TABLE `states` (
  `stateid` int(11) NOT NULL,
  `statesname` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`stateid`)
) ;
SELECT * FROM flights.states;
```



FLIGHTS

```
CREATE TABLE `flights` (
  `flightid` varchar(40) NOT NULL,
  `companyname` varchar(45) DEFAULT NULL,
  `sourcestateid` int(11) DEFAULT NULL,
  `sourcecityid` int(11) DEFAULT NULL,
  `destinationstateid` int(11) DEFAULT NULL,
  `destinationcityid` varchar(45) DEFAULT NULL,
  `status` varchar(45) DEFAULT NULL,
  `flightclass` varchar(45) DEFAULT NULL,
  `sourcetiming` varchar(45) DEFAULT NULL,
  `destinationtiming` varchar(45) DEFAULT NULL,
  `days` varchar(45) DEFAULT NULL,
  `logo` varchar(45) DEFAULT NULL, PRIMARY
  KEY (`flightid`)
)
```



RESULT

The objective has been achieved by the MYSQL workbench

Conclusion:

Like Airlines management systems much other Management systems can also be made like Library Management, School management, Staff Management Etc...