

DATABASE MANAGEMENT SYSTEM PROJECT – REPORT TOPIC: Wanderlust – Travel Management



TEAM DETAILS

1.PRIYA MOHATA PES2UG19CS301 2.R SHARMILA PES2UG19CS309 3.RITIK PES2UG19CS332

TABLE OF CONTENTS:

REASONS FOR CHOICE OF DBMS	PAGE 3
RELATIONAL MODEL	PAGE 4
CREATE COMMANDS	PAGE 5
INSERT COMMANDS	PAGE 7
CONTRIBUTIONS	PAGE 11

REASONS FOR CHOOSING PHPMYADMIN AND SQL:





- **MySQL** is one of the most widely used database systems for dynamic websites and content management systems.
- PhpMyAdmin is the most common method of administering a MySQL database, included in many CMSs as well as the XAMPP and MAMP testing environments.
- RDBMS are generally very focused on providing strong consistency and ACID transactions (although not always), tremendous functionality, stability, and strong reliability and robustness guarantees. They are also very well-suiting for complex querying and non-real time analytics applications
- We have chosen PhpMyAdmin and MySQL because we are going to integrate the database with our travel form website.
- Reasons to choose MySQL:
 - Speed
 - Ease of use
 - Easy to query
 - On-Demand Scalability
 - High Availability
 - Rock-Solid Reliability
 - Web and Datawarehouse strengths

RELATIONAL MODEL:

BUS **BUSNO** BODYNO ROUTENAME OWNER <u>OWNERNO</u> **ADDRESS** MOBILENO **BUSNO** PASSENGER PND **PNAME** ADDRESS ROUTENAME 40VERNMENT DEPTNAME OWNERNO **TAXNO** ALENT ANAME **AADDRESS** ANO

CREATE COMMANDS

CREATING THE DATABASE TRAVEL_WEBSITE

• CREATING THE TABLE BUS

CREATE TABLE BUS(BUSNO VARCHAR(10) NOT NULL, BODYNO VARCHAR(10) NOT NULL, ROUTENAME VARCHAR(10) NOT NULL, PRIMARY KEY(BUSNO));

CREATING THE TABLE OWNER

FREATE TABLE OWNER(OWNERNO VARCHAR(10) NOT NULL, OWNERNAME VARCHAR(40) NOT NULL, ADDRESS VARCHAR(10) NOT NULL, MOBILENO INT(11) NOT NULL, BUSNO VARCHAR(10) NOT NULL, PRIMARY KEY(OWNERNO), FOREIGN KEY(BUSNO) REFERENCES BUS(BUSNO));

• CREATING THE TABLE PASSENGER

CREATE TABLE PASSENGER(PNO VARCHAR(10) NOT NULL, PNAME VARCHAR(10) NOT NULL, MOBILENO INT(11) NOT NULL, ADDRESS VARCHAR(10) NOT NULL, BUSNO VARCHAR(10), PRIMARY KEY(PNO), FOREIGN KEY(BUSNO) REFERENCES BUS(BUSNO));

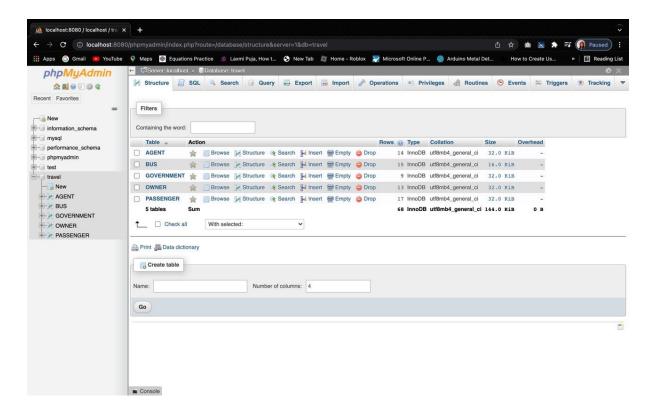
CREATING THE TABLE GOVERNMENT

CREATE TABLE GOVERNMENT(DEPTNAME VARCHAR(15) NOT NULL, OWNERNO VARCHAR(10) NOT NULL, TAXNO VARCHAR(40) NOT NULL, PRIMARY KEY(TAXNO), FOREIGN KEY(OWNERNO) REFERENCES OWNER(OWNERNO));

CREATING THE TABLE AGENT

CREATE TABLE AGENT(ANAME VARCHAR(15) NOT NULL, AADDRESS VARCHAR(40) NOT NULL, ANO VARCHAR(10) NOT NULL, PRIMARY KEY(ANO));

FINAL IMPLEMENTATION:

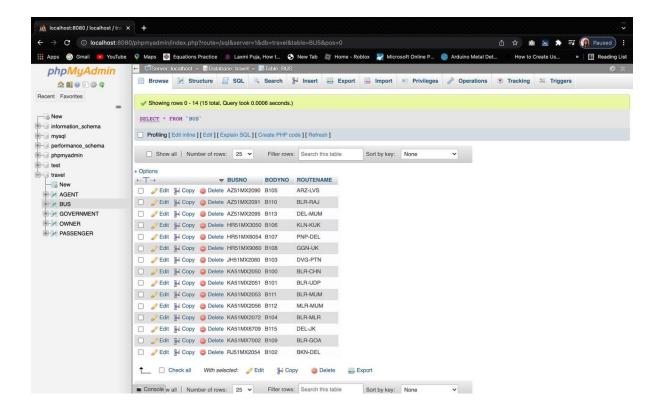


LINK TO CODE - CREATE SQL

INSERT COMMANDS

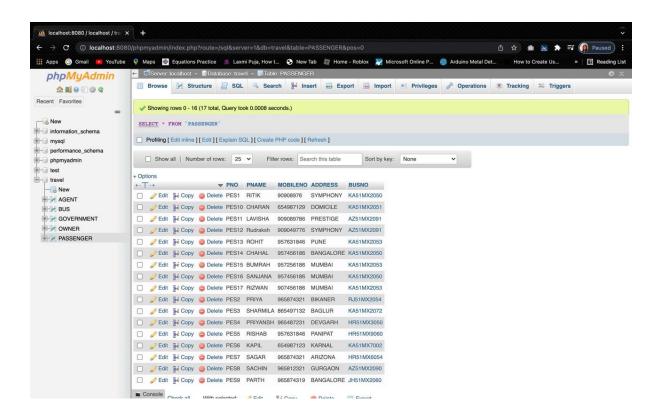
INSERTING INTO BUS

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INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('KA51MX2050', 'B100', 'BLR-CHN');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('KA51MX2051', 'B101', 'BLR-UDP');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('RJ51MX2054', 'B102', 'BKN-DEL');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('JH51MX2060', 'B103', 'DVG-PTN');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('KA51MX2072', 'B104', 'BLR-MLR');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('AZ51MX2090', 'B105', 'ARZ-LVS');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('HR51MX3050', 'B106', 'KLN-KUK');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('HR51MX9060', 'B107', 'PNP-DEL');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('HR51MX9060', 'B108', 'GGN-UK');
INSERT INTO BUS(BUSNO, BODYNO, ROUTENAME) VALUES ('KA51MX7002', 'B109', 'BLR-GOA');
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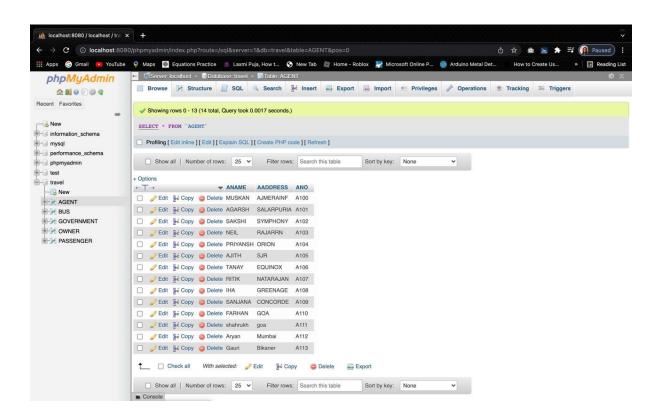
INSERTING INTO PASSENGER

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INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES1', 'RITIK',909089760, 'SYMPHONY,URLANA KALAN', 'B100');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES2', 'PRIYA',9658743219, 'SILVER PALMS,BIKANER', 'B102');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES3', 'SHARMILA',8654971328, 'SILVERPOOL,BAGLUR', 'B101');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES4', 'PRIYANSH',9654872314, 'PESU,DEVGARH', 'B103');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES5', 'RISHAB',9576318468, 'KEERTHI ROYAL,PANIPAT', 'B107');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES6', 'KAPIL',6549871235, 'AJMEERA,KARNAL', 'B106');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES7', 'SAGAR',9658743210, 'DLF,ARIZONA', 'B105');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES8', 'SACHIN',9658123219, 'VSR,GURGAON', 'B108');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES9', 'PARTH',96587432189'PRESTIGE,BANGALORE', 'B109');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES9', 'PARTH',96587432189'PRESTIGE,BANGALORE', 'B109');
INSERT INTO PASSENGER(PNO,PNAME,MOBILENO,ADDRESS,BUSNO) VALUES ('PES10', 'CHARAN',6549871239, 'RELIABLE DOMICILE,BANGALORE', 'B104');
```



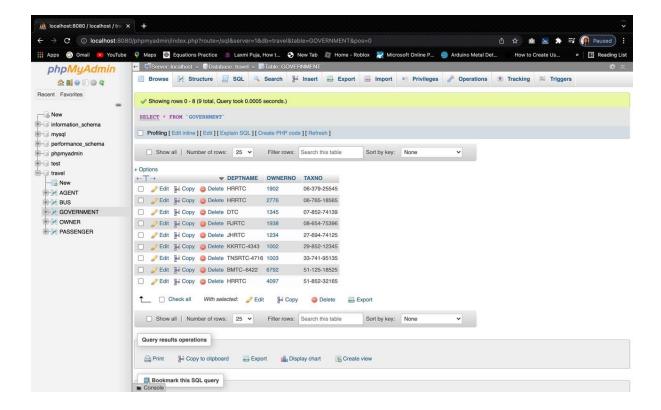
INSERTING INTO AGENT

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INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('MUSKAN', 'AJMERAINF', 'A100');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('AGARSH', 'SALARPURIA', 'A101');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('SAKSHI', 'SYMPHONY', 'A102');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('NEIL', 'RAJARRN', 'A103');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('PRIYANSH', 'ORION', 'A104');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('AJITH', 'SJR', 'A105');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('TANAY', 'EQUINOX', 'A106');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('RITIK', 'NATARAJAN', 'A107');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('IHA', 'GREENAGE', 'A108');
INSERT INTO AGENT(ANAME, AADDRESS, ANO) VALUES ('SANJANA', 'CONCORDE', 'A109');
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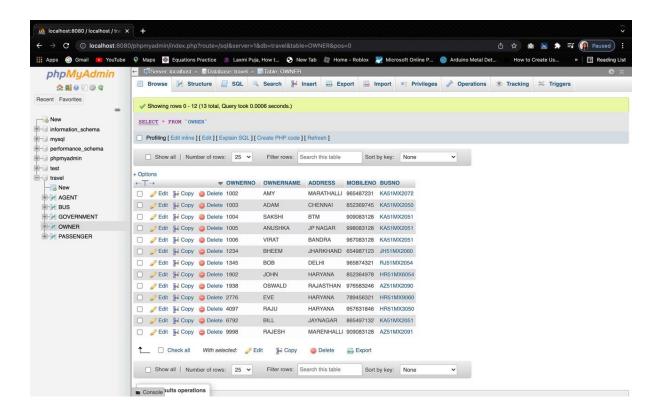
INSERT INTO GOVERNMENT

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INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('KKRTC-4343','1002','29-852-12345');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('TNSRTC-4716','1003','33-741-95135');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('RJRTC','1938','08-654-75396');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('DTC','1345','07-852-74139');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('BMTC-6422','6792','51-125-18525');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('HRRTC','4097','51-852-32165');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('HRRTC','1234','27-694-74125');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('HRRTC','2776','06-765-18565');
INSERT INTO GOVERNMENT (DEPTNAME,OWNERNO,TAXNO) VALUES ('HRRTC','1902','06-379-25545');
```



INSERT INTO OWNER

```
INSERT INTO OWNER VALUES ('1002', 'AMY', 'MARATHALLI', 9654872314, 'KA51MX2072');
INSERT INTO OWNER VALUES ('1345', 'BOB', 'DELHI', 9658743219, 'RJ51MX2054');
INSERT INTO OWNER VALUES ('6792', 'BILL', 'JAYNAGAR', 8654971328, 'KA51MX2051');
INSERT INTO OWNER VALUES ('1938', 'OSWALD', 'RAJASTHAN', 9765832468, 'AZ51MX2090');
INSERT INTO OWNER VALUES ('1902', 'JOHN', 'HARYANA', 8523649718, 'HR51MX6054');
INSERT INTO OWNER VALUES ('2776', 'EVE', 'HARYANA', 7894563218, 'HR51MX9060');
INSERT INTO OWNER VALUES ('1003', 'ADAM', 'CHENNAI', 8523697415, 'KA51MX2050');
INSERT INTO OWNER VALUES ('4097', 'RAJU', 'HARYANA', 9576318468, 'HR51MX3050');
INSERT INTO OWNER VALUES ('1234', 'BHEEM', 'JHARKHAND', 6549871235, 'JH51MX2060');
```



LINK TO THE INSERT COMMANDS

CONTRIBUTIONS

1. PRIYA MOHATA	COMPILED THE DOCUMENT AND WROTE
	CREATE COMMANDS
2. SHARMILA R	WROTE COMMANDS FOR GOVERNMENT
	AND BUS INSERTION
3. RITIK	WROTE COMMANDS FOR OWNER AND
	AGENT INSERTION

ALL OF US TOGETHER INSTALLED	THE REQUIRED	SOFTWARES	AND WORKED	ON THE
PROJECT.				