**TABLE CREATE STATEMENTS**

CREATE TABLE VMTS.**EMPLOYEE** (

EMP\_ID INTEGER NOT NULL AUTO\_INCREMENT,

FNAME VARCHAR(150) ,

LNAME VARCHAR(150) ,

DOJ DATE,

PHONE INTEGER,

JOB\_TYPE INTEGER DEFAULT NULL,

SALARY INTEGER DEFAULT NULL,

PRIMARY KEY (EMP\_ID)

);

CREATE TABLE **VMTS.ADDRESS** (

EMP\_ID INTEGER NOT NULL,

LOCALITY VARCHAR(150) DEFAULT NULL,

CITY VARCHAR(150) DEFAULT NULL,

STATE VARCHAR(150) DEFAULT NULL,

PRIMARY KEY (EMP\_ID),

FOREIGN KEY (EMP\_ID) REFERENCES EMPLOYEE (EMP\_ID)

)

CREATE TABLE VMTS.**DRIVER**(

EMP\_ID INTEGER NOT NULL,

LICENSE\_NO VARCHAR(32),

LICENSE\_TYPE enum('lmv','hmv'),

RATING DOUBLE,

PRIMARY KEY (EMP\_ID),

FOREIGN KEY (EMP\_ID) REFERENCES EMPLOYEE(EMP\_ID)

);

CREATE TABLE VMTS.**EXECUTIVE**(

EMP\_ID INTEGER NOT NULL,

RATING DOUBLE,

PRIMARY KEY (EMP\_ID),

FOREIGN KEY (EMP\_ID) REFERENCES EMPLOYEE(EMP\_ID)

);

CREATE TABLE VMTS.**VEHICLE** (

REG\_NO VARCHAR(10) NOT NULL,

FUEL\_TYPE VARCHAR(20) DEFAULT NULL,

INSURANCE\_NO VARCHAR(150) DEFAULT NULL,

VEHICLE\_TYPE enum('LMV','HMV') DEFAULT NULL,

RENT\_PER\_DAY DOUBLE DEFAULT NULL,

PRIMARY KEY (REG\_NO),

KEY INSURANCE\_NO (INSURANCE\_NO),

FOREIGN KEY (INSURANCE\_NO) REFERENCES INSURANCE\_DTLS (INSURANCE\_ID)

)

CREATE TABLE VMTS.**INSURANCE\_DTLS** (

INSURANCE\_ID VARCHAR (20) NOT NULL,

DATE\_TAKEN DATE ,

EXPIRY\_DATE DATE ,

AMOUNT DOUBLE,

NO\_OF\_CLAIMS INTEGER,

PRIMARY KEY (INSURANCE\_ID)

);

CREATE TABLE VMTS.**FUEL\_DTLS**(

VEHICLE\_ID VARCHAR(10) NOT NULL,

FUEL\_FILLED\_AMOUNT DOUBLE,

DATE\_OF\_FILLING DATE,

PRIMARY KEY (VEHICLE\_ID),

FOREIGN KEY (VEHICLE\_ID) REFERENCES VEHICLE(REG\_NO)

);

CREATE TABLE VMTS.**CUSTOMER\_DTLS** (

CUSTOMER\_ID INTEGER NOT NULL AUTO\_INCREMENT,

CUSTOMER\_TYPE enum('govt','private') ,

ORG\_NAME VARCHAR (150),

PRIMARY KEY (CUSTOMER\_ID)

);

CREATE TABLE VMTS.**BOOKING** (

BOOKING\_ID INTEGER NOT NULL AUTO\_INCREMENT,

VEHICLE\_ID VARCHAR(20) ,

CUSTOM\_ID VARCHAR (150),

DRIVER\_ID INTEGER,

EXECUTIVE\_ID INTEGER,

START\_DATE DATE,

END\_DATE DATE,

PENALTY\_CHARGE DOUBLE,

KM\_DRIVEN DOUBLE,

INSURANCE\_CLAIM\_AMOUNT DOUBLE,

BOOKING\_STATUS enum('booked','confirmed','cancelled','completed','paid'),

PRIMARY KEY (BOOKING\_ID)

);

CREATE TABLE VMTS.**DRIVER\_RATING**(

DRIVER\_ID INTEGER NOT NULL,

BOOKING\_ID INTEGER NOT NULL,

RATING DOUBLE,

PRIMARY KEY (DRIVER\_ID, BOOKING\_ID),

FOREIGN KEY (DRIVER\_ID) REFERENCES EMPLOYEE(EMP\_ID),

FOREIGN KEY (BOOKING\_ID) REFERENCES BOOKING(BOOKING\_ID)

);

CREATE TABLE VMTS.**EXECUTIVE\_RATING**(

EXECUTIVE\_ID INTEGER NOT NULL,

BOOKING\_ID INTEGER NOT NULL,

RATING DOUBLE,

PRIMARY KEY (EXECUTIVE\_ID, BOOKING\_ID),

FOREIGN KEY (EXECUTIVE\_ID) REFERENCES EMPLOYEE(EMP\_ID),

FOREIGN KEY (BOOKING\_ID) REFERENCES BOOKING(BOOKING\_ID)

);