## **DATABASE MANAGEMENT SYSTEMS LAB**

### Week 3

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### COMMANDS USED: SHOW DATABASES, USE RAILWAY RESERVATION SYSTEM, SHOW TABLES

ariaDB [(none)]> create database PES1UG20CS484\_RAILWAY\_RESERVATIO

ariaDB [(none)]> USE PES1UG2@CS484\_RAILWAY\_RESERVATION; atabase changed ariaDB [PES1UG2@CS484\_RAILWAY\_RESERVATION]> show tables; mpty set (0.001 sec)

## **TRAIN**

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#### COMPARTMENT

# **ROUTE INFO**

deriaDB [PESIU020CS484\_RAILWAY\_RESERVATION]> create table ROUTE\_INF0484(From\_station\_no int NOT NULL,From\_station\_name varchar(255), To\_station\_no int NOT NULL, To\_station\_name varchar(255), Distance in NOT NULL, Train\_no int NOT NULL, constraint my\_routeinfo Primary key(From\_station\_no, To\_station\_no, Train\_no), Foreign key(Train\_no) references TRAIN\_484(Train\_no)); Nuery OK, 0 rows affected, 1 warning (0.027 sec)

### **USER**

ariaDB [PESIUG28CS484\_RAILWAY\_RESERVATION]> create table USER\_484(User\_id int NOT NULL, User\_type varchar(50), Fname varchar(50), Lname varchar(50), Age int, Date\_of\_birth date, Pincode int, Street\_no i , Primary key(User\_id)); uery OK, 0 rows affected (0.031 sec)

### **USER - TRAIN**

riaDB [PES1UG20CS484\_RAILWAY\_RESERVATION]> create table USER\_TRAIN\_484(Train\_no int NOT NULL, User\_id int NOT NULL, Date\_time\_stamp timestamp, constraint my\_user\_train Primary key(Train\_no, User\_id, Dat|
time\_stamp), Foreign key(Train\_no) references TRAIN\_484(Train\_no), Foreign key(User\_id) references USER\_484(User\_id));
ery OK, 0 rows affected, 1 warning (0.029 sec)

# **USER - PHONE**

ariaDB [PES1UG20CS484\_RAILWAY\_RESERVATION]> create table s USER\_484(User\_id)); uery OK, 0 rows affected, 1 warning (0.027 sec)

## **TICKET**

ariaDB [PES1UG2@CS484\_RAILWAY\_RESERVATION]> create table TICKET \_time timestamp, User\_id int NOT NULL, Train\_type varchar(255), uery OK, 0 rows affected (0.029 sec) Train no int NOT NULL, Travel\_date date, Departure varchar(50), Arrival varchar(50), Departure\_time timestamp, ar(255), Compartment\_number int NOT NULL, Primary key(Pnr), Foreign key(User\_id) references USER\_484(User\_id));

# **PAYMENT INFO**

riaDB [PES1UG20CS484\_RAILWAY\_RESERVATION]> create table PAY i), Foreign key(Pnr) references TICKET\_484(Pnr)); sery OK, 0 rows affected (0.027 sec)

### **TICKET - PASSENGER**

riabb [PES10G20CS484\_KAILWAY\_KESEKV 4(Pnr)); ery OK, 0 rows affected (0.028 sec)

## **FARE TABLE**

t\_type)); ery OK, 0 rows affected, 1 warning (0.024 sec)

# ALTER MODIFY, ALTER SET DEFAULT, ALTER ADD UNIQUE, ALTER ADD CHECK, ALTER RENAME

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Sery Of, 8 res effected (A&A) well

Records: 8 Delicates: 8 Warrings: 8

Warring (PSILUDROCAGE, MALLAWY RESERVATION): alter table TRAIN_684 modify column Train_name varchar(255) NOT MALL;

George Of, 8 res effected (A&A) well

Records: 8 Delicates: 9 Marrings: 8

Warring (PSILUDROCAGE, MALLAWY RESERVATION): alter table TRAIN_684 modify column Train_name varchar(255) NOT MALL;

Records: 8 Delicates: 8 Marrings: 8

Warring (PSILUDROCAGE, MALLAWY RESERVATION): alter table TRAIN_684 and unique(Train_name);

Records: 8 Delicates: 8 Marrings: 8

Warring (PSILUDROCAGE, MALLAWY RESERVATION): alter table USER_684 mod check (Age+5);

Records: 8 Delicates: 8 Marrings: 8

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Records: 8 Delicates: 8 Marrings: 8

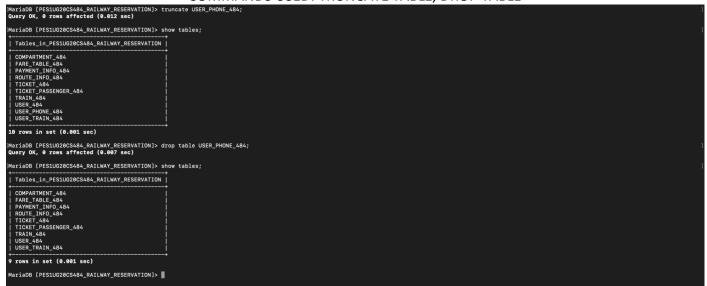
Warring (PSILUDROCAGE, MALLAWY RESERVATION): alter table USER_684 mod check (Age+5);

Records: 8 Delicates: 8 Marrings: 8

Warring (PSILUDROCAGE, MALLAWY RESERVATION): alter table ROUTE_INDOCAGE records: 8 Delicates: 8 Marrings: 8

Warring (PSILUDROCAGE, MALLAWY RESERVATION): alter table ROUTE_INDOCAGE records: 8 Delicates: 8 Delicates:
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# COMMANDS USED: TRUNCATE TABLE, DROP TABLE



All the commands used are also saved in the Commands Used.sql file.