Table

CREATE TABLE `DAYS\_OF\_OPERATION` (

FLT\_NO varchar(10) NOT NULL,

SUNDAY varchar(5) DEFAULT NULL,

`MONDAY` varchar(5) DEFAULT NULL,

`TUESDAY` varchar(5) DEFAULT NULL,

`WEDNESDAY` varchar(5) DEFAULT NULL,

`THURSDAY` varchar(5) DEFAULT NULL,

`FRIDAY` varchar(5) DEFAULT NULL,

`SATURDAY` varchar(5) DEFAULT NULL,

KEY `FLT\_NO` (`FLT\_NO`),

CONSTRAINT `FLT\_NO` FOREIGN KEY (`FLT\_NO`) REFERENCES `FLIGHT` (`FLT\_NO`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

create table AIRLINE(

AL\_ID int NOT NULL AUTO\_INCREMENT,

AL\_NAME varchar(100),

PRIMARY KEY(AL\_ID)

);

create table DAYS\_OF\_OPERATION (

FLT\_NO varchar (10) NOT NULL,

SUNDAY varchar(5),

MONDAY varchar(5),

TUESDAY varchar(5),

WEDNESDAY varchar(5),

THURSDAY varchar(5),

FRIDAY varchar(5),

SATURDAY varchar(5),

foreign key(FLT\_NO) references FLT\_NO(FLT\_NO)

);

create table FLIGHT(

FLT\_NO varchar (10) NOT NULL,

AL\_ID int,

SOURCE varchar(100),

DESTINATION varchar(100),

PRICE float,

SEAT\_CAPACITY int,

PRIMARY KEY(FLT\_NO),

foreign key(AL\_ID) references AIRLINE(AL\_ID)

);

create table AVAILABILITY(

FLT\_NO varchar (10) NOT NULL,

DEP\_DATE date,

DEP\_TIME time,

ARR\_DATE date,

ARR\_TIME time,

TOTAL\_SEATS int,

AVAILABLE\_SEATS int,

PRICE float,

foreign key(FLT\_NO) references FLIGHT(FLT\_NO)

);

19:15:06 create table AVAILABILITY( FLT\_NO varchar (10) NOT NULL, DEP\_DATE date, DEP\_TIME time, ARR\_DATE date, ARR\_TIME time, TOTAL\_SEATS int, AVAILABLE\_SEATS int, PRICE float, foreign key(FLT\_NO) references FLIGHT(FLT\_NO) ) Error Code: 1822. Failed to add the foreign key constraint. Missing index for constraint 'availability\_ibfk\_1' in the referenced table 'FLIGHT' 0.00064 sec

create table BOOKING(

BOOKINGID int NOT NULL auto\_increment,

FLT\_NO varchar (10) NOT NULL,

PASSENGER\_COUNT int,

PRI\_PASSENGER\_ID int,

TOTAL\_PRICE float,

primary key(BOOKINGID),

foreign key(FLT\_NO)references FLIGHT(FLT\_NO),

foreign key(PRI\_PASSENGER\_ID) references PASSENGER(PASSENGER\_ID)

);

create table PASSENGER(

PASSENGER\_ID int NOT NULL auto\_increment,

FNAME varchar(100),

LNAME varchar(100),

DOB date,

ID\_NO int,

primary key(PASSENGER\_ID)

);

create table USER(

USER\_ID int NOT NULL auto\_increment,

UNAME VARCHAR(100),

PASSWORD varchar(100),

primary key (USER\_ID)

);

INSERT INTO `flyaway`.`AIRLINE` (`AL\_ID`, `AL\_NAME`) VALUES ('1', 'INDIAN AIRLINES');

INSERT INTO `flyaway`.`AIRLINE` (`AL\_NAME`) VALUES ('JET AIRWAYS');

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INSERT INTO AVAILABILITY (FLT\_ID, DEP\_DATE, ARR\_DATE, TOTAL\_SEAT, BOOKED\_SEAT, PRICE)

VALUES ('1', '2022-10-24', '2022-10-25', '10', '0', '10000.00');

19:47:48 INSERT INTO AVAILABILITY (FLT\_NO, DEP\_DATE, DEP\_TIME, ARR\_DATE, ARR\_TIME, TOTAL\_SEATS, AVAILABLE\_SEATS, PRICE) VALUES ('IA002', '2022-10-25','08:30:00', '2022-10-25','12:30:00', '30', '30', '9000') Error Code: 1452. Cannot add or update a child row: a foreign key constraint fails (`flyaway`.`availability`, CONSTRAINT `availability\_ibfk\_1` FOREIGN KEY (`FLT\_NO`) REFERENCES `flight` (`FLT\_NO`)) 0.0029 sec

create table FLIGHT(

FLT\_NO varchar (10) NOT NULL,

AL\_ID int,

SOURCE varchar(100),

DESTINATION varchar(100),

PRICE float,

SEAT\_CAPACITY int,

PRIMARY KEY(FLT\_NO),

foreign key(AL\_ID) references AIRLINE(AL\_ID)

);

create table AVAILABILITY(

FLT\_NO varchar (10) NOT NULL,

DEP\_DATE date,

DEP\_TIME time,

ARR\_DATE date,

ARR\_TIME time,

TOTAL\_SEATS int,

AVAILABLE\_SEATS int,

PRICE float,

foreign key(FLT\_NO) references FLIGHT(FLT\_NO)

);

create table DAYS\_OF\_OPERATION (

FLT\_NO varchar (10) NOT NULL,

SUNDAY varchar(5),

MONDAY varchar(5),

TUESDAY varchar(5),

WEDNESDAY varchar(5),

THURSDAY varchar(5),

FRIDAY varchar(5),

SATURDAY varchar(5),

foreign key(FLT\_NO) references FLIGHT(FLT\_NO)

);

create table BOOKING(

BOOKINGID int NOT NULL auto\_increment,

FLT\_NO varchar (10) NOT NULL,

PASSENGER\_COUNT int,

PRI\_PASSENGER\_ID int,

TOTAL\_PRICE float,

primary key(BOOKINGID),

foreign key(FLT\_NO)references FLIGHT(FLT\_NO),

foreign key(PRI\_PASSENGER\_ID) references PASSENGER(PASSENGER\_ID)

);