

//////////////////////////////////// **COLLEGE** //////////////////////////////////////

Faculty [F_id (PK), Name, Mobile_no, Department, Salary]

Student [S_id (PK), F_name, L_name, Phone_no, DOB, Department_id (FK)]
//AGE_IS NOT STORED

Student_Phone [S_id (PK, FK), Phone_no (PK)]

Hostel [Hostel_id (PK), Hostel_name, City, State, Address, Pin_code, No_of_seats]

Course [Course_id (PK), Course_name, Duration, Department_id (FK)]

Subjects [Subject_id (PK), Subject_name]

Exams [Exam_code (PK), Date, Time, Room, Department_id (FK)]

Department [Department_id (PK), D_name]

Takes [F_id (PK, FK), Subject_id (PK, FK)]

Enrolls [S_id (PK, FK), Course_id (PK, FK)]

Belongs [S_id (PK, FK), Exam_code (PK, FK)]

Living [Hostel_id (PK, FK), S_id (PK, FK)]

Conducts [Department_id (PK, FK), Exam_code (PK, FK)]

//////////////////////////////////// **Airport** //////////////////////////////////////

Airport [Airport_code (PK), City, State, Name]

Airplane_Type [Type_name (PK), Max_seats, Company]

Airplane [Airplane_id (PK), Type_name (FK), Total_no_of_seats]

Flight [Number (PK), Airline, Weekdays]

**Flight_Leg [Leg_no (PK), Number (FK), Scheduled_dep_time,
Scheduled_arr_time,
Departure_airport (FK), Arrival_airport (FK)]**

**Leg_Instance [Leg_no (PK, FK), Date (PK), Dep_time, Arr_time,
No_of_avail_seats, Airplane_id (FK)]**

Fare [number (pk,fk) , Code (PK), Amount, Restrictions]

Fares [Number (PK, FK), Code (PK, FK)] //Relationship

**Reservation [Seat_no (PK), Leg_no (PK, FK), Date (PK, FK),
Customer_name, Cphone]**

Seat [Seat_no (PK)]

Can_Land [Airport_code (PK, FK), Type_name (PK, FK)]

Assigned [Leg_no (PK, FK), Date (PK, FK), Airplane_id (FK)]