Functional dependecies of different entities or relation

Company

c_id	c_name	head_quarter	company_url

FD's

c_id → c_name

c_id → head_quarter

c_id → company_url

flight_status

flight_status_id	flight_status_name

FD's

flight_status_id → flight_status_name

flight_detail

flight_no	flight_name	c_id	flight_status_id

FD's

flight_no → flight_name

flight_no → c_id

flight_no → flight_status_id

route

route_id	source	destination

FD's

route_id → source
route_id → destination

days

day_id	day_name

FD's

day_id → day_name

all_path

flight_no	route_id

FD's

Not exist

flight_route

flight_no	**flight_route_id**	route-id	dept_day	depart_time	arrival_time

FD's

{ flight_no, flight_route_id }→ route-id
{ flight_no, flight_route_id }→ dept_day
{ flight_no, flight_route_id }→ depart_time
{ flight_no, flight_route_id }→ arrival_time

user

user_id	fname	lname	gender	dob	emailid	contact_no	address	country

FD's

user_id → fname
user_id → lname
user_id → gender
user_id → dob
user_id → emailid
user_id → contact_no
user_id → country

class

class_id	class_name

FD's
class_id → class_name

ticket

pnr_no	user_id	flight_no	class_id	route_id	booking_date	journey_date

FD's

pnr_no → user_id
pnr_no → flight_no
pnr_no → class
pnr_no → route-id
pnr_no →booking_date
pnr_no → journey_date

passenger_status

passenger_status_id	passenger_status_name

FD's

passenger_status_id → passenger_status_name

passenger

pnr_no	seat_no	fname	lname	gender	passenger_status_id

FD's

{pnr_no, seat_no} → fname
{pnr_no, seat_no} →lame
{pnr_no, seat_no} → gender
{pnr_no, seat_no} → passenger_status_id

fare_detail

class_id	flight_id	passenger_status	fare

FD's

{ class, flight_id, passenger_status } → fare