

## TCDD

- TCDD is using credit card to be pay the ticket.
- Each credit card has a unique number and the ticket paid by the credit card has a fee, a unique number, date, unique PNR and a seat number.
- Passenger may check the train status including available seats and the train status has a unique ID.
- Each train has a unique train ID, a type and information about availability of classes.
- Ticket gives all the details about Train.
- Train has a start and en station which each station has an attribute and a station name that is in the route, that has a unique Id and an arrival and a departure time.

## Yolcu360

- Each Person has the information of name that is including first and last name, telephone number, gender, card number, DOB and a unique Ssn.
- The person can only be a driver or a passenger. If the person is driver than the person has also a unique license registration number.
- A driver may have multiple request but each request is sent to a single driver, also a journey has only one single request whereas there might be multiple requests for a journey.
- Each journey has a unique id, pick-up location, drop-off location, a limit in km, and duration of rent as well as fee.
- The information of the vehicle used by the journey is documented with a unique registration plate, model, location, the type of transmission, daily price an number of days that the vehicle has been used.
- Journey is documented from a dealer location to a dealer location which keeps the track of location.
- Dealer location has a rent agency that has a unique agency number, insurance information, essentials for vehicle pick up, payment information and other important information.

## MARTI

- Marti has three types of vehicle which are respectively Scooter, Mobilet and Moped.
- A vehicle has to be one of them, cannot be both.
- Each vehicle has information about location, availability, charge level and unique id.
- Each of the vehicles has a price and nevertheless mobilet and moped need driver license whereas scooter only has an age limit.
- Every vehicle give detail about the rental info.
- Rental info documents deposit, rent duration, user location, rent date and a unique rental id.
- In order to end the rental, the ending has a unique id, fee and needs a park photo of the parking.
- Parking documents the park area there the person parked.

## IDO

- IDO works with a class system. Class documents a fare, a unique ID and class types which are 4 different classes respectively; promo, economy, first class and business.
- Each class has a journey and journey gets information about seat availability, arrival time, departure time, source, destination and has a unique journey id.
- Journey belongs to ferry and ferry has a name.
- User books a ticket and ticket has seat number, class, date, ferry id, passenger id and a unique ticket id.
- Ticket receive payment that documents payment number, amount and a unique transaction id which is paid by credit card, that has a unique credit card number.

## OBILET

- A custom in Obilet uses credit card, that has a unique credit card number.
- Credit card's payment has a total cost and a unique payment id.
- Customer may book multiple tickets. ticket documents date of booking, fare and a unique ticket number. Customer either order or seat.

- Order has a total date and a unique order id. Each seat has a unique seat number.
- Seat might be a bus, airplane or a ferry seat. Ferry seat gives information about position and has leg instance. Multiple ferry seats may have multiple leg instances and give information about available seat, duration, ferry date and departure time.
- Multiple leg instance may be assigned to a ferry and each ferry has a unique id. Multiple leg instance also may be an instance of a leg.
- Each leg has a unique number. Each leg is assigned to a route which documents the origin and the destination.
- Each leg may cost multiple fare and each fare has a unique code and restriction.
- Many legs may have cross, each cross has its own unique number, an origin and a destination.
- Multiple legs may be assigned to a single port. Each port has a name, a unique port code and a location.
- Multiple airplane seat may have multiple leg instances and give information about seat availability, departure time, duration and a unique plane date. Multiple leg instance might be assigned to an airplane and has a unique airplane id. Multiple leg instance is an instance of a flight leg and has a leg number.
- Flight leg is assigned to a route that has an origin and a destination. Flight leg may cost multiple fares and these fares have a special code and restriction. Flight legs may be in the same flight and has a destination, an origin and a unique travel number. Flight legs might be assigned in the same airport that gives information about name, a unique location and an airport code.
- Bus seat includes a type. Multiple bus seats may have multiple leg instances and give information about seat availability, departure time, duration and bus date. Leg instances might be assigned to bus and this gives information about a unique id. Multiple leg instances may be an instance of a single travel leg.
- Travel leg gives information about leg number. Travel leg is assigned to a route which has an origin and a destination. Travel leg costs multiple fare and has a special code and a restriction.
- Multiple travel legs may have a travel and has an origin, destination and a unique travel number. Travel leg may be assigned to a bus station that gives information about name, a unique location and a unique station code.

## THY

- User has visa and visa gives information about the type, duration of visa, country, expiry of date, issue of date and has a unique id.

- User books ticket and ticket has fare, date of booking, ticket type, a unique PNR and a unique Ticket no.
- User can book multiple ticket that reserves a certain seat but a seat cannot be reserved more than one time.
- Ticket receives a seat, that gives information about class and its unique seat number. Ticket has a leg instance with an available seat.
- Leg instance has duration, departure time and arrival time with a unique date. Leg instance is assigned with an airplane.
- Multiple seats can have a leg instance but not vice versa.
- Airplane has a unique ID. Many airplanes can share the same aircraft type. Each aircraft has a unique id and a class which gives information about its class and seats.
- Multiple leg instance might be instance of one flight leg.
- Flight leg includes scheduled duration and a unique leg number. Multiple flight leg might follow the same route.
- Routes consist a unique route number, distance, departure airport and arrival airport. Flight leg might cost multiple fares.
- Fare consist restrictions, basic fare and a unique fare code.
- Multiple flight leg might arrive to or depart from the same airport. In case of arrival, the scheduled arrival time; in case of departure, the scheduled departure time will be documented as well as name a unique IATA code location, that includes city and country. Multiple flight leg may have the same flight.
- Flight has distance, number of legs, departure airport, arrival airport and a unique flight number.

## IZBAN

- Every citizen might have multiple tickets and/or izmirim karts.
- Both ticket and izmirim kart has a type and a unique id. Both costs a price which calculated by discount, arrival station, departure station and transit number.
- Both ticket and izmirim kart used for izban. Izban documents direction, first station, last station and a unique id.
- İzban passes by multiple stations.
- Each station has a location, district, street and a unique station id.

- Izban shares a schedule that includes an arrival station, a departure station, a website and a date.