ER Diagram (hand-drawn)

User entity attributes: User_id, fName, LName, P#, Email, UserName, PassW, FinishedStatus, verified (bool)

Travel entity attributes: Travel_id, Veh_Type, Date, Time, Price, #Avaible Seats
enum(Train-Bus-AirplaneDom-Airplane Abro)

Place Book purchase Ticket
Dynamic price

User — ISA — Passenger, Travel Agency Manager, SuperAdmin
Passenger: Pass.id
Travel Agency Manager: TAM.id
SuperAdmin: SA.id

Passenger — belong — OrderCart
OrderCart attributes: ID, Status, TotalPrice

Travel — is_for — Ticket (n)
Travel — add_new
Travel 1 — is_src — Station
Travel — is_pst — Station
Station attributes: Station_id, Address (city, street), Type

OrderCart — has — Ticket (n)
OrderCart n — exist — Discount 1 1
Discount attributes: DisCount_Id, Type, valueDisc

places

travel industry

purchasing

/ <u>NumbeoFav.</u> Seat, price , typeofveh , PareTime ← Ent. ← travel

Dynamic

paid
reserve ⟩ status / _rate_ trigger after time ← Ent. ← tickets

booking

price

✓ ✓train _ bus _ airplane Dom _ApAb خ ← (id, name) ← Ent. ← <u>Vehicle</u>

✓ +OR_ psw _ username _ Email _#phone ← Ent. ← user

rate
_applyDisc _ Track order status_ reserve _order, purchase ← func ← passenger ← ISA

✓ TOP5 _ بیشترین sales _filter خ _addnewT. travel Agency M. ← roles

✓ _ MSG _Disc.تمدید کردن ← super admin

* میتونه بزنه رمز عبور یا دسترسی دوباره ارسال کنه user must اجبار با #phone _exp time Ent. ← OTP

security *

(میتونه * بیشترین و حداقل max و null باشه) (id_code) ← Ent. ← <u>Discount</u>.

Man _ rating _ Ent. ← <u>Agency</u>

support Ticket

Entity-Relationship Diagram

Entities and attributes (as labelled):

User: user_id, fName, LName, #P, Email, username, pwd, verfied, DOB, Age, Role

OTP: id, code, exp.T — verify

ISA → Super Admin (id), Trav. Ag. Man. (id), Passenger (id)

Support ticket: statu, Problem, Responser, Time_Ans, Time_Ask, Pass_Asker, id, TAM_asker

Agency: id, name, P#, address, Manager

Travel: id, Rate, vehichel, Time, Sorc, Duration, Price, #allseat, Remain seats, Agency

Station: P#, name, Type, id, addr.

Vehicle: id, name, Type, #TS, capacity

Discount: id, code, Type

Order: id, totalprice, DicountCode

Ticket: status, rane, #seat, id

Relationships: verfiy, Create, use, vbl_src, vbl_ds1, Answer, Ask, Manage, define, has, apply, include, IS_for