Ain Shams University
Faculty of Engineering
I-CHEP

Ontologies and the Semantic Web (CSE 488)
Project: Phase#1

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Classes:

- Airport
- Terminal
- Gate
- Flight
- Airline
- Plane
- Ticket
- Person
- Customer
- Employee

Data properties:

- **Airport:** address, name, city
- **Terminal:** number, arriving_or_departing, international_or_national, facilities
- **Gate:** number
- **Flight:** Flight_Date, Flight Number,estimated_duration
- **Airline:** owner_country, id, name
- **Plane:** max_speed, number_of_seats, baggage_capaity, aircraft_engine
- **Ticket:** Price, Seat_number, class, Buy_Date
- **Person:** name, gender, Birthdate, personal_id
- **Customer:** email
- **Employee:** responsibility, salary, working_shift

Object properties:

- Works_for
- Consist_of
- Contains
- Arrival_gate
- Departing_gate
- Hosts
- Owns
- Has
- Buys