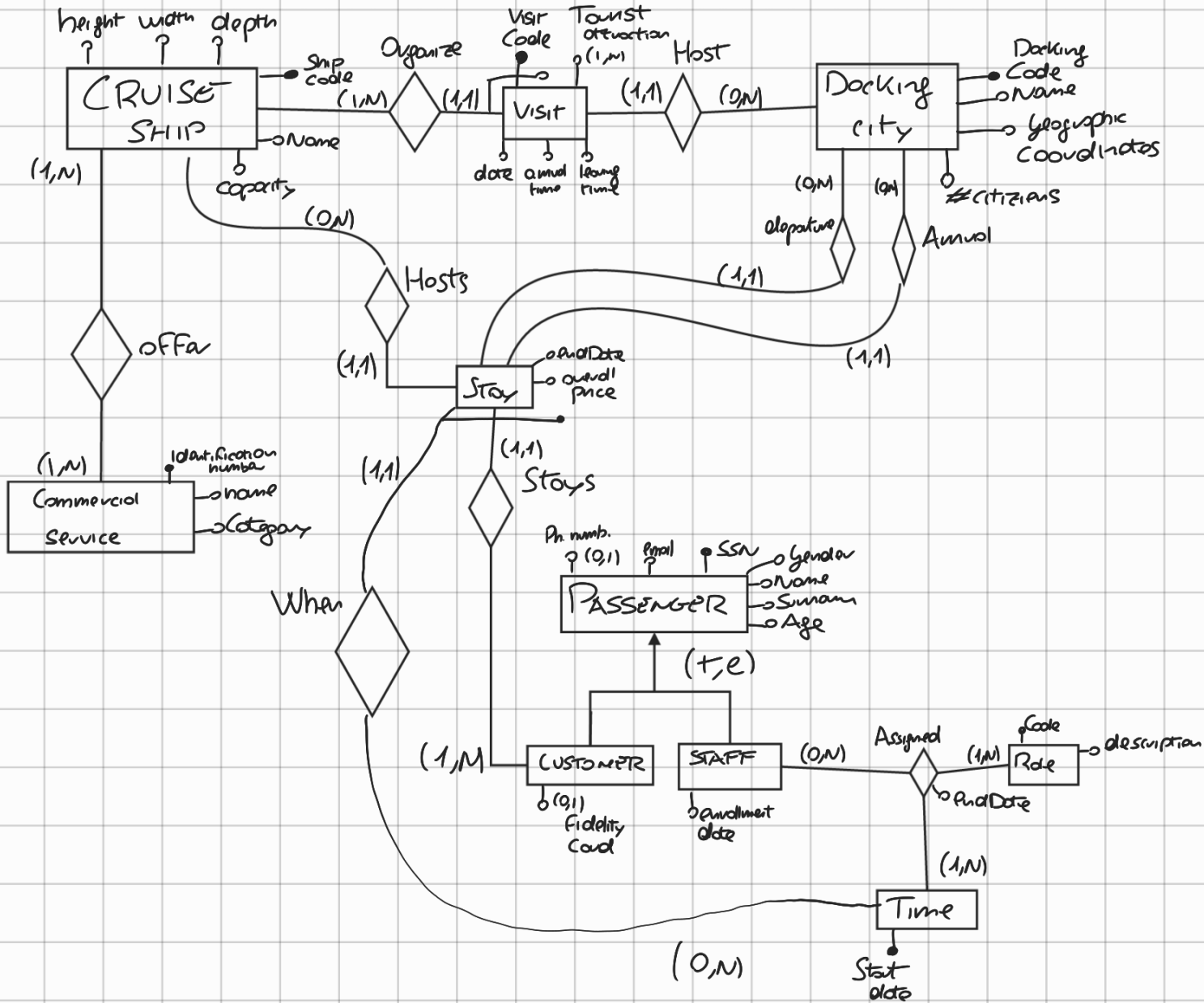
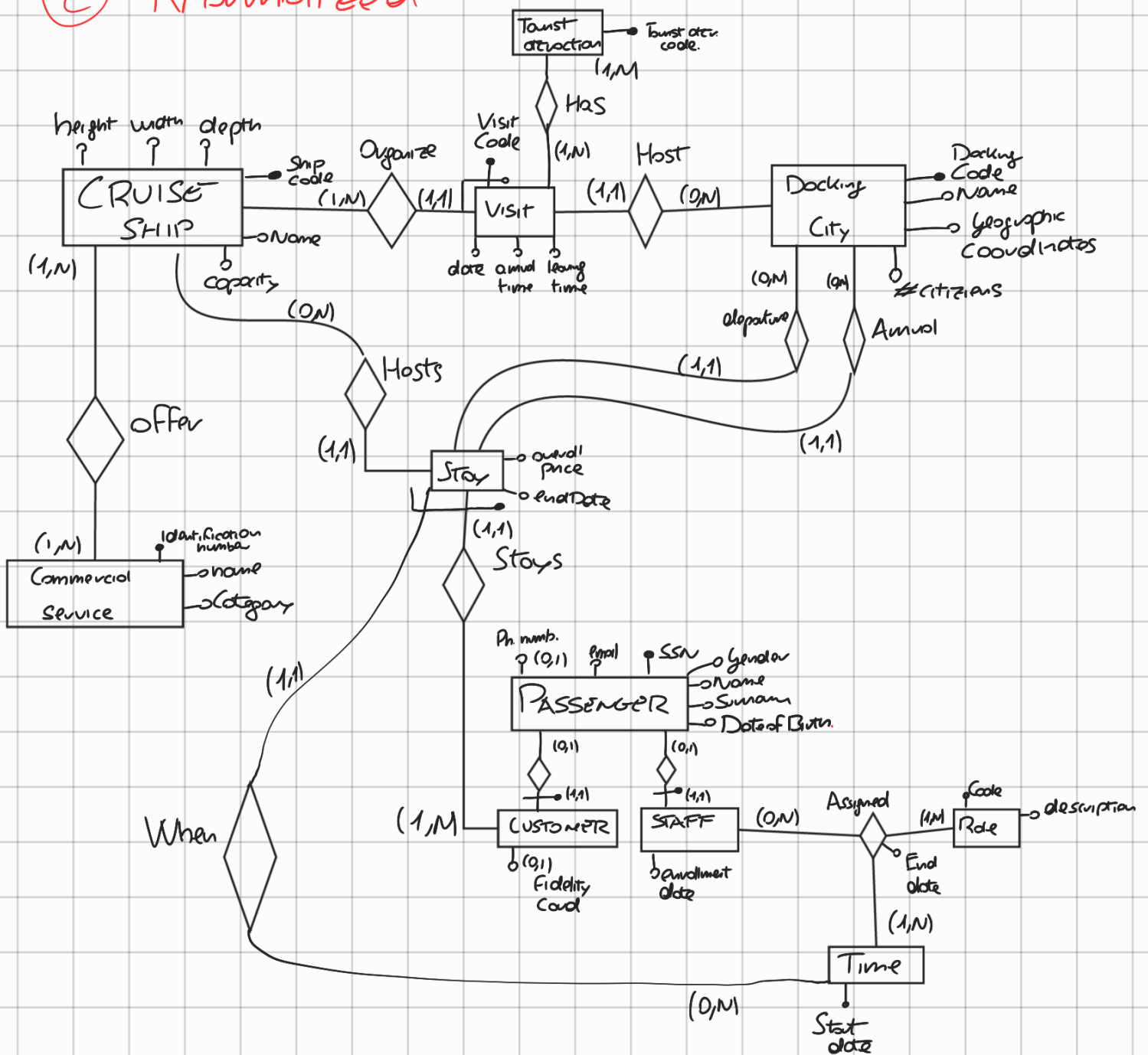


① ER-SCHEMA



② Normalized



Normalized relational logical scheme. Bruno Polermo - S272052

(RUSGSHIP (ShipCode, Name, width, height, depth, capacity)

COMMERCIAL-SERVICES (IdentificationNumber, Name, Category)

OFFER (ShipCode, IdentificationNumber)

VISIT (VisitCode, ShipCode, date, arrival time, leave time, DockingCode)

HAS (Tourist AttractionCode, VisitCode, VisitShipCode)

DOCKING-CITY (DockingCode, Name, Geographic coordinate, # citizens)

STAY (StartDate, SSN, EndDate, ShipCode, Departure DockingCode, Arrival DockingCode, Overall price).

PASSENGER (SSN, Name, Surname, Date of Birth, Gender, Email, PhoneNumber*)

CUSTOMER (SSN, Fidelity, card*)

STAFF (SSN, enrollment date)

ROLE (Code, description)

ASSIGNED (StartDate, SSN, Code, EndDate)

WHEN (SSN, StartDate)

Referential integrity constraint (3)

RELATIONSHIP ASSIGNED

FOREIGN KEY (SSN) REFERENCES (STAFF)

FOREIGN KEY (CODE) REFERENCES (ROLE)

RELATIONSHIP OFFER

FOREIGN KEY (ShipCode) REFERENCES (CRUISE-SHIP)

FOREIGN KEY (IDENTIFICATION NUMBER) REFERENCES (Commercial Service)

RELATIONSHIP ORGANIZES

FOREIGN KEY (ShipCode) REFERENCES (CRUISE-SHIP)

FOREIGN KEY (VisitCode) REFERENCES (VISIT)