CASE STUDY

Student 1 ID: 103488515

Student 1 Name: Hai Nam Ngo
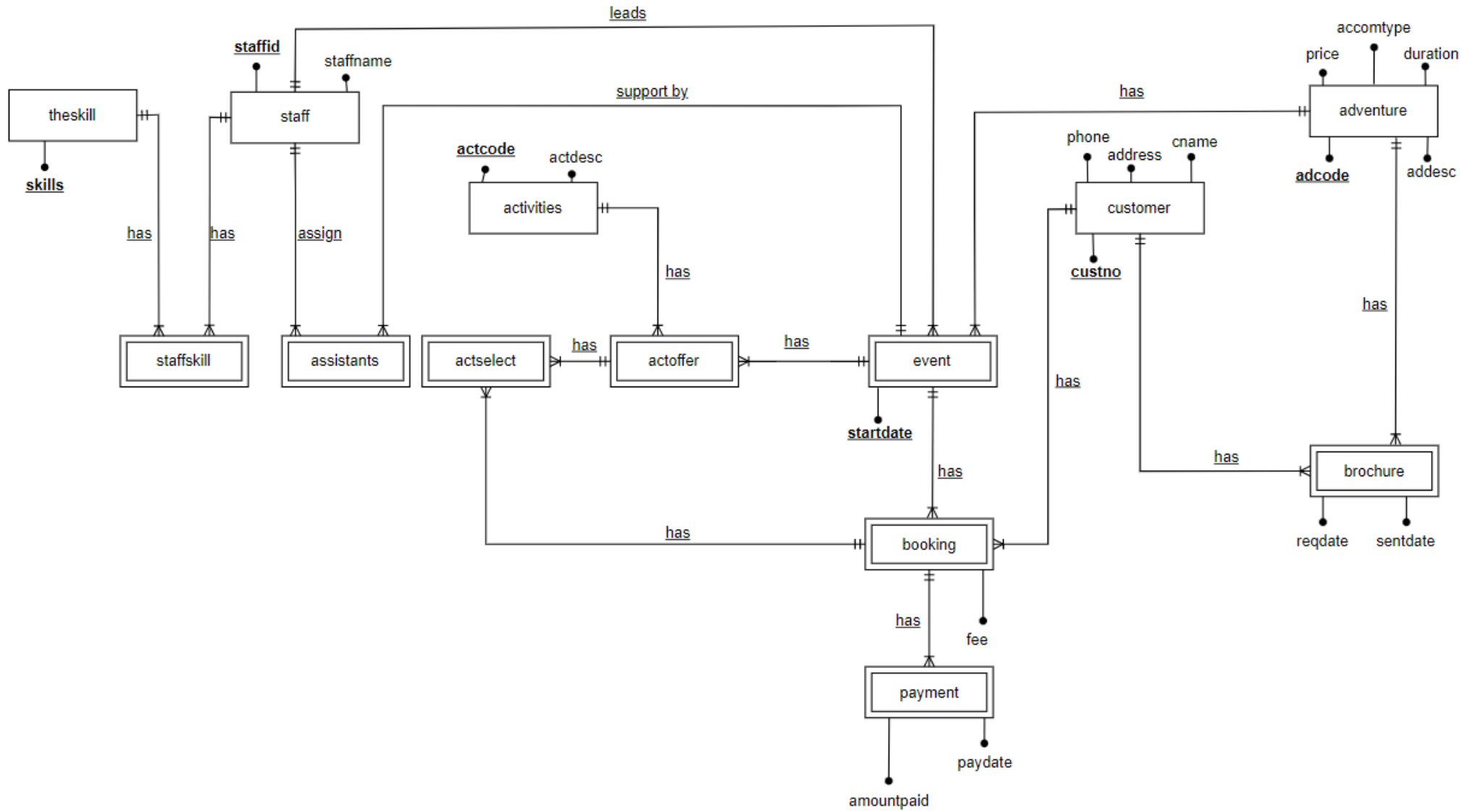
Student 2 ID: 104057343

Student 2 Name: Viet Bach Le

Student 3 ID: 104154163

Student 3 Name: Bianca Mathieu

Requirement 1: Completed E-R Diagram

Requirement 2: Relational Schema

adventure(adcode,duration,accomtype,price,addesc)

pk (adcode);

customer(custno,cname,address,phone)

pk (custno);

activities(actcode,actdesc)

pk (actcode);

staff(staffid,staffname)

pk (staffid);

theskill(skills)

pk (skills);

brochure(adcode,custno,reqdate,sentdate)

pk (adcode,custno)

fk (adcode) REFERENCES adventure

fk (custno) REFERENCES customer;

event(adcode,startdate,leader)

pk (adcode,startdate)

fk (adcode) REFERENCES adventure

fk(staffed) REFERENCES staff;

booking(custno,adcode,startdate,fee)

pk (custno,adcode,startdate)

fk (custno) REFERENCES customer

fk (adcode,startdate) REFERENCES event;

payment(startdate,adcode,custno,paydate,amountpaid)

pk (adcode,custno,startdate,paydate)

fk (custno,adcode,startdate) REFERENCES booking;

actoffer(adcode,startdate,actcode)

pk (adcode,startdate,actcode)

fk (adcode,startdate) REFERENCES event

fk (actcode) REFERENCES activities;

actselect(adcode,startdate,actcode,custno)

pk (adcode,startdate,actcode,custno)

fk (adcode,startdate,actcode) REFERENCES actoffer

fk (custno,adcode,startdate) REFERENCES booking;

assistants(staffid,adcode,startdate)

pk (staffid,adcode,startdate)

fk (staffid) REFERENCES staff

fk (adcode,startdate) REFERENCES event;

staffskill(staffid,skills)

pk (staffid,skills)

fk (staffid) REFERENCES staff

fk (skills) REFERENCES theskill;

Requirement 3: Network Diagram