

**COURSE: CS/DSA- 4513 – DATABASE MANAGEMENT
SECTION: 001**

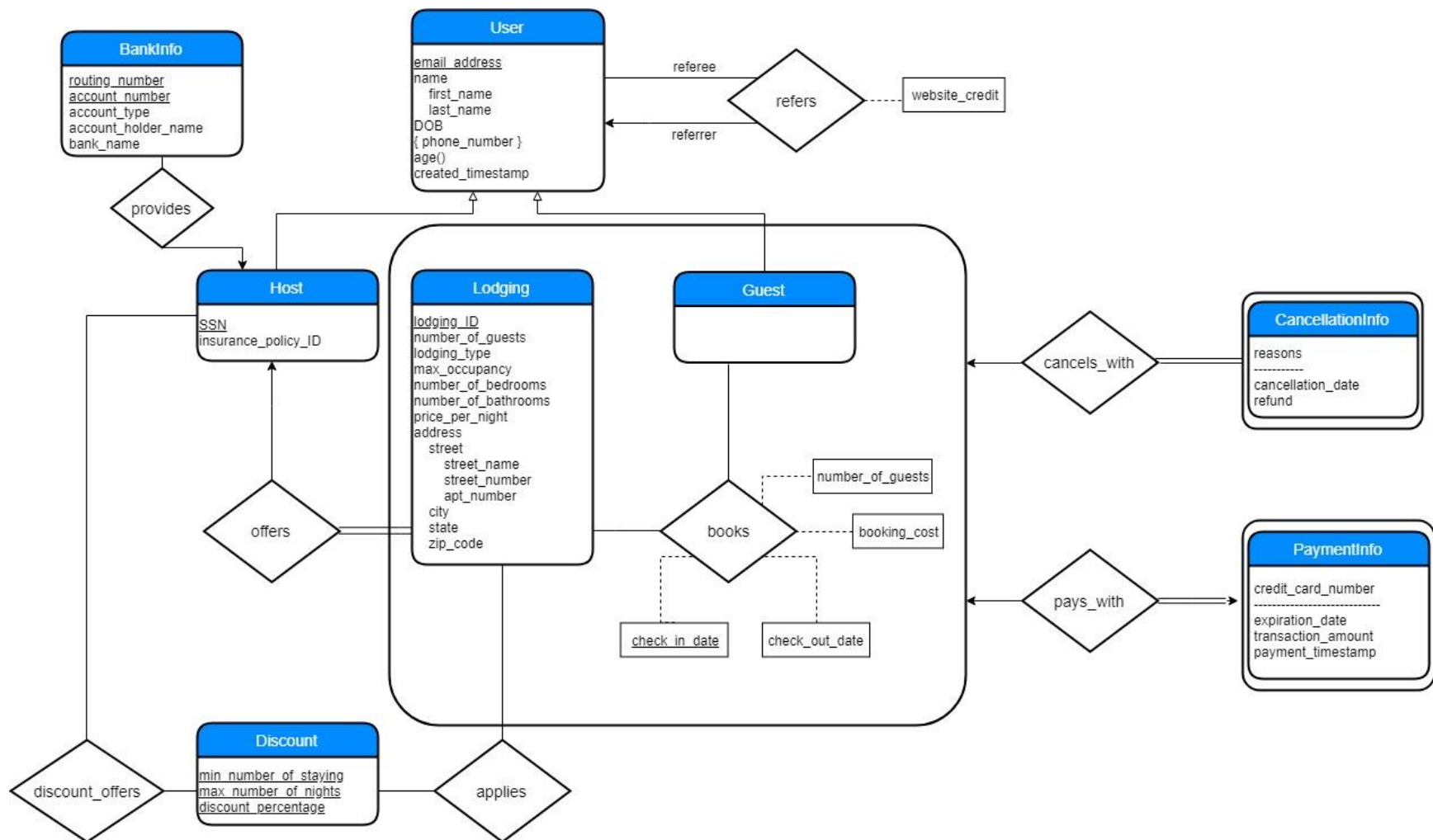
SEMESTER: FALL 2019

INSTRUCTOR: DR. LE GRUENWALD

GROUP NUMBER: 43

LINCE RUMAINUM

SCORE:



So, on the new ER diagram, I added the *BankInfo* entity and *provides* relationship set (note: top-left corner of the ER diagram). The *Host* entity is then connected to *BankInfo* through *provides* relationship set. It is a one-to-many relationship, where each *Host* may provides multiple *BankInfo* and each *BankInfo* can only be provided by one *Host*. From the given problem, *BankInfo*'s attributes include: account_number, routing_number, account_type, account_holder_name, and bank_name; where its primary key is the combination of two attributes, routing_number and account_number. Since *BankInfo* has a primary key, it is included as a strong entity.