Name: Levi Sutton

Lab: 6

1. Convert the ER Diagram below to a list of tables. Be sure to identify primary keys and foreign keys.

Answer:

STUDENT(KSUID, LastName, FirstName)

PARKING\_SPACE(ParkingSpaceNo, LotName)

Primary Key: KSUID

Foreign Key: KSUID

1. Convert the ER Diagram below to a list of tables. Be sure to identify primary keys and foreign keys.

Answer:

FARMER(FName, LName, County, State)

COW(TagNo, Breed, DOB, Fname, LName)

Primary Keys: FName, LName, TagNo

Foreign Key: FName, LName

1. Convert the ER Diagram below to a list of tables. Be sure to identify primary keys and foreign keys.

Answer:

AUTHOR(AuthNo, AuthName)

BOOK(ISBN, Title, AuthNo)

Primary Keys: AuthNo, ISBN

Foreign Key: AuthNo

1. Convert the ER Diagram below to a list of tables. Be sure to identify primary keys and foreign keys.

Answer:

CUSTOMER(CustomerID, LastName, FirstName, Address, City, State, ZIP, Phone, Email)

Primary Kay: CustomerID

1. Map the following super‐type,sub‐type relationship to tables. Be sure to identify primary keys and foreign keys.

Answer:

Super Type: Property

Sub Type: House, Apartment\_House, Commercial

PROPERTY(PropertyID, PropertyType, Address, City, State, ZIP)

HOUSE(PropertyID, NumberOfBedrooms)

APARTMENT\_HOUSE(PropertyID, NumberOfUnits, ManagerName)

COMMERCIAL(PropertyID, NumberOfUnits, TotalFloorSpace)

Primary Key: PropertyID

Foreign Key: PropertyID