**Advanced Databases – Lab 2**

**Exercise 1**

1NF

customer [cNumpk, phone, street, city, country, zipCode, AIDpk, aName, codeTitlepk, datepk, price]

2NF

Customer [cNumpk, phone, street, city, county, zipCode]

Artist [AIDpk, aName]

Painting [AIDfk, codeTitle]

Purchases [AIDfk, cNumfk, date, codeTitle, price]

3NF

Customer [cNumpk, phone, street, county, zipCodefk]

ZipsCodes [zipCode, city]

Artist [AIDpk, aName]

Painting [AIDfk, codeTitle]

Purchases [AIDfk, cNumfk, date, codeTitle, price]

**Exercise 2**

Tables in a normalized state

Address

- ZipCode \*

- Street

- State

Application

- App\_No \*\*

- App\_Year \*\*

- PriorSchoolId (FK)

- References (FK)

References

- ReferenceName \*

- ReferenceStatement \*

- App\_No (FK)

- RefInstitution

Student

- StudentID \*

- ZipCode (FK)

- App\_No (FK)

- PriorSchoolId (FK)

- StudentName

- GPA

Prior Schools

- PriorSchoolId\*

- PriorSchoolAddr