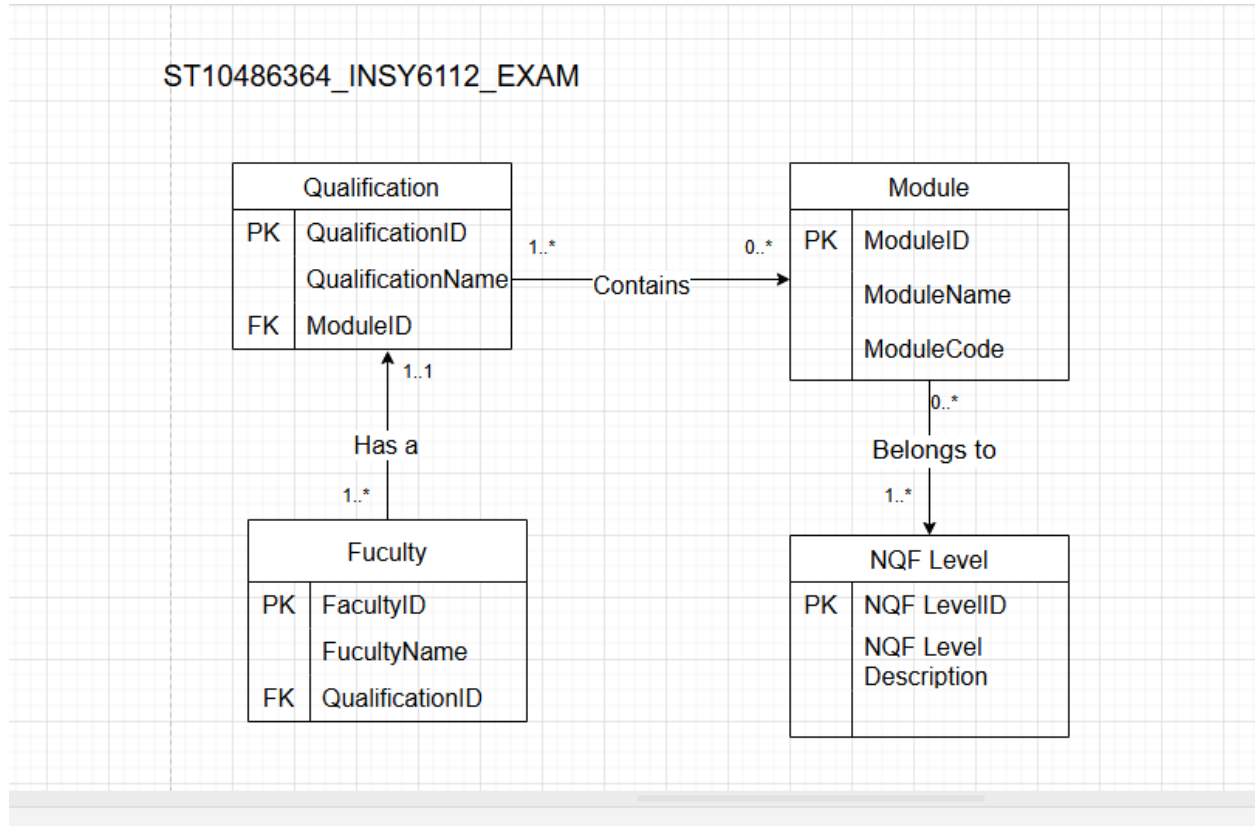
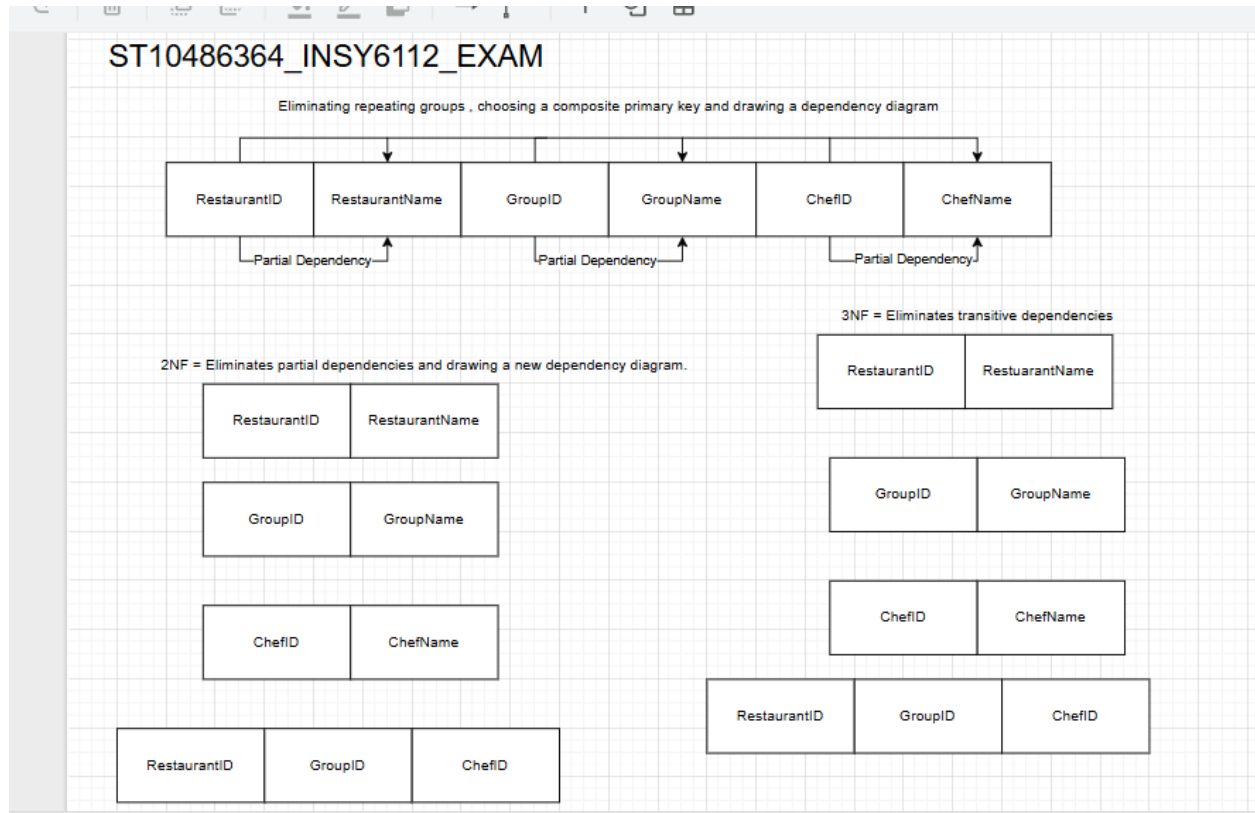


ST10486364_INSY6112_EXAM

Question 1- ERD



Question 2 - NFs



Question 4 – MongoDB Commands

```
> _MONGOSH
> use Luhlemncwabe
< switched to db Luhlemncwabe
> db.createCollection("Patients")
< { ok: 1 }
> db.Patients.insertMany([
  {PatientName:"Debbie", PatientSurname:"Theart", DOB: ISODate("1980-03-17")},
  {PatientName: "Heart" , PatientSurname: "Savy", DOB: ISODate("1979-01-12")}
])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('69158b4322431212c52c265c'),
    '1': ObjectId('69158b4322431212c52c265d')
  }
}
> db.Patients.find().pretty()
< {
  _id: ObjectId('69158b4322431212c52c265c'),
  PatientName: 'Debbie',
  PatientSurname: 'Theart',
  DOB: 1980-03-17T00:00:00.000Z
}
{
  _id: ObjectId('69158b4322431212c52c265d'),
```

```
> _MONGOSH
{PatientName: "Heart" , PatientSurname: "Savy", DOB: ISODate("1979-01-12")}
])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('69158b4322431212c52c265c'),
    '1': ObjectId('69158b4322431212c52c265d')
  }
}
> db.Patients.find().pretty()
< {
  _id: ObjectId('69158b4322431212c52c265c'),
  PatientName: 'Debbie',
  PatientSurname: 'Theart',
  DOB: 1980-03-17T00:00:00.000Z
}
{
  _id: ObjectId('69158b4322431212c52c265d'),
  PatientName: 'Heart',
  PatientSurname: 'Savy',
  DOB: 1979-01-12T00:00:00.000Z
}
> db.patients.find({DOB:{$gt:ISODate("1979-01-12")}}).pretty()
<
Luhlemncwabe>
```