Junhao Du

**Codes Position:** / Assignment5-Code

**Video Position**: / Record.mp4

**EAR Position:** / ClinicApp.ear

Important Query

@NamedQueries({

@NamedQuery(name = "SearchPatientByPatientID", query = "select p from Patient p where p.PatientId = :pid"),

@NamedQuery(name = "SearchPatientByNameDob", query = "select p from Patient p where p.name = :name and p.dob=:dob"),

@NamedQuery(name = "CountPatientByPatientID", query = "select count(p) from Patient p where p.PatientId = :pid"),

@NamedQuery(name = "RemoveAllPatients", query = "delete from Patient p") })

@NamedQueries({

@NamedQuery(name = "SearchProviderByProviderNPI", query = "select p from Provider p where p.NPI = :NPI"),

@NamedQuery(name = "SearchProviderByName", query = "select p from Provider p where p.name = :name"),

@NamedQuery(name = "CountProviderByProviderNPI", query = "select count(p) from Provider p where p.NPI = :NPI"),

@NamedQuery(name = "RemoveAllProviders", query = "delete from Provider p") })

Important Interface:

**public** **interface** ITreatmentDAO{

**public** **static** **class** TreatmentExp **extends** Exception

{

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**public** TreatmentExp(String msg) {

**super**(msg);

}

}

**public** Treatment getTreatmentByDbId(**long** id) **throws** TreatmentExp;

**public** **void** addTreatment(Treatment t);

**public** **void** addTreatment(Treatment t, Patient p);

**public** **void** deleteTreatment(Treatment t);

//public void deleteTreatments(Patient patient);

}

package edu.stevens.cs548.clinic.domain.DAO;

import java.util.List;

import edu.stevens.cs548.clinic.domain.Provider;

public interface IProviderDAO {

public static class ProviderExp extends Exception

{

/\*\*

\*

\*/

private static final long serialVersionUID = 1L;

public ProviderExp(String msg)

{

super(msg);

}

}

public Provider getProviderByNPI(long NPI) throws ProviderExp;

public List<Provider> getProviderByName(String name);

public void addProvider(Provider p) throws ProviderExp;

public void deleteProvider(Provider p) throws ProviderExp;

}

package edu.stevens.cs548.clinic.domain.DAO;

import java.util.Date;

import java.util.List;

import edu.stevens.cs548.clinic.domain.Patient;

public interface IPatientDAO {

public static class PatientExp extends Exception

{

/\*\*

\*

\*/

private static final long serialVersionUID = 1L;

public PatientExp(String msg)

{

super(msg);

}

}

public Patient getPatientByDbId(long id) throws PatientExp;

public Patient getPatientByPatientId(long pid) throws PatientExp;

public List<Patient> getPatientByNameDob(String name,Date dob);

public void addPatient(Patient p) throws PatientExp;

public void deletePatient(Patient p) throws PatientExp;

}