**CLASSES :-**

* **Admin**
* **User**
* **Diagnosis Center**
* **Test**
* **Address**
* **Appointment**

**ATTRIBUTES**

1. **Admin**

* **AdminUserId:String-private**
* **AdminPassword:String-private**
* **AdminName:String-private**
* **AdminEmail:String-private**
* **AdminPhone:String-private**

1. **User**

* **UserId:String-private**
* **UserPassword:String-private**
* **UserName:String-private**
* **UserEmail:String-private**
* **UserPhone:-String-private**
* **UserAddress:-Address-private**
* **AppointmentDetail:-Appointment-private**

1. **DiagnosisCenter**

* **CenterId:Integer-private**
* **CenterName:String-private**
* **CenterAddress:Address-private**
* **CenterPhone:String-private**
* **TestsList:List<Test>-private**

1. **Test**

* **TestId:Integer-private**
* **TestName:String-private**
* **TestResult:Boolean-private**

1. **Address**

* **ShopNo:Integer-private**
* **StreetName:String-private**
* **Location:String-private**
* **City:String-private**
* **State:String-private**
* **Pincode:String-private**

1. **Appointment**

* **AppointmentID:Integer-private**
* **AppointmentDate:Date-private**
* **AppointmentTime:Time-private**

**METHODS**

1. **Admin**

* **setAdminUserID(String):void-public**
* **setAdminPassword(String):void-public**
* **setAdminName(String):void-public**
* **setAdminEmail(String):void-public**
* **setAdminPhone(BigInteger):void-public**
* **getAdminUserID():String-public**
* **getAdminPassword():String-public**
* **getAdminName():String-public**
* **getAdminEmail():String-public**
* **getAdminPhone():String-public**
* **updateAccountDetails()-public**
* **addDiagnosisCenter(DiagnosisCenter):void-public**
* **updateDiagnosisCenter(DiagnosisCenter):void-public**
* **removeDiagnosisCenter(DiagnosisCenter):void-public**
* **addTest(DiagnosisCenter,Test):void-public**
* **updateTest(DiagnosisCenter,Test):void-public**
* **removeTest(DiagnosisCenter,Test):void-public**
* **approveAppointment(DiagnosisCenter,Test,Appointment):Boolean-public**

1. **User**

* **setUserID(String):void-public**
* **setUserPassword(String):void-public**
* **setUserName(String):void-public**
* **setUserEmail(String):void-public**
* **setUserPhone(BigInteger):void-public**
* **setUserAddress(Address):void-public**
* **getUserID():String-public**
* **getUserPassword():String-public**
* **getUserName():String-public**
* **getUserPhone():String:-public**
* **createAccount():void-public**
* **selectDiagnosisCenter(String):DiagnosisCenter-public**
* **selectTest(String):Test-public**
* **getAppointmentDetail():Appointment-public**
* **setAppointment(Date,Time):-void-public**

1. **DiagnosisCenter**

* **getCenterID:Integer-public**
* **getCenterName:String-public**
* **getCenterAddress:Address-public**
* **getCenterPhone:String-public**
* **getTest():Test**
* **getTestsList():List<Test>-public**
* **setCenterID(Integer):void-public**
* **setCenterName(String):void-public**
* **setCenterAddress(Address):void-public**
* **setCenterPhone(String):void-public**
* **setTest(Test):void-public**
* **getAppointmentDetails():List<Appointment>-public**

1. **Test**

* **getTestId():Integer-public**
* **getTestName():String-public**
* **getTestResult():Boolean-public**
* **setTestId(Integer):void-public**
* **setTestName(String):void-public**
* **setTestResult(Boolean):void-public**

1. **Address**

* **getShopNo():Integer-public**
* **getStreetName():String-public**
* **getLocation():String-public**
* **getCity():String-public**
* **getState():String-public**
* **getPinCode():String-public**
* **setShopNo(Integer):void-public**
* **setStreetName(String):void-public**
* **setLocation(String):void-public**
* **setCity(String):void-public**
* **setState(String):void-public**
* **setPincode(String):void-public**

1. **Appointment**

* **getAppointmentID():Integer-public**
* **getAppointmentDate():Date-public**
* **getAppointmentTime():Time-public**
* **setAppointmentID(Integer):void-public**
* **setAppointmentDate(Date):void-public**
* **setAppointmentTime(Time):void-public**

**RELATIONSHIPS**

1. **User-Address(Composition)**
2. **DiagnosisCenter-Address(Composition)**
3. **DiagnosisCenter-Test(Composition)**
4. **Admin-Appointment(Association)**
5. **User-Appointment(Association)**