APOLLO HOSPITALS
MedicalStaff class
Code

```csharp
class MedicalStaff
{
    private string staffName;
    private string staffId;
    private string staffDepartment;
    private string staffDesignation;
    private uint salary;

    public void StaffRecruitment()
    {
        //todo
    }

    public void StaffEndOfService()
    {
        //todo
    }

    public void StaffContribution()
    {
        //todo
    }

    public void DisplayStaff()
    {
        //todo
    }

    public void StaffDocumnetation()
    {
        //todo
    }

}
```

UML Diagram

MedicalStaff class
– staffName : string
– staffId : string
– staffDepartment : string
– staffDesignation : string
– salary : uint
+ StaffRecruitment() : void
+ StaffEndOfService() : void
+ StaffContribution() : void
+ DisplayStaff() : void
+ StaffDocumnetation() : void

APOLLO HOSPITALS
LaboratoryDepartment class
Code

```
class LaboratoryDepartment
{
    private string bloodGroup;
    private string prescribedTest;
    private ushort testPrice;
    private string testResult;
    private ulong contactNumber;

    public void GenerateTestReport()
    {
        //todo
    }

    public void DisplayTestReport()
    {
        //todo
    }

    public void SyncTestReports()
    {
        //todo
    }

    public void DeleteTestReport()
    {
        //todo
    }

    public void LaboratoryTransactions()
    {
        //todo
    }
}
```

UML Diagram

LaboratoryDepartment class

- bloodGroup : string
- prescribedTest : string
- testPrice : ushort
- testResult : string
- contactNumber : ulong

+ GenerateTestReport() : void

+ DisplayTestReport() : void

+ SyncTestReports() : void

+ DeleteTestReport() : void

+ LaboratoryTransactions() : void

APOLLO HOSPITALS
Patient class
Code

```csharp
class Patient
{
    private string patientName;
    private string patientID;
    private ulong patientContactNumber;
    private byte patientAge;
    private string patientGender;

    public void AddPatient()
    {
        //todo
    }

    public void DeletePatient()
    {
        //todo
    }

    public void DisplayPatient()
    {
        //todo
    }

    public void UpdatePatientAccount()
    {
        //todo
    }

    public void PatientTransactions()
    {
        //todo
    }
}
```

UML Diagram

Patient class
− patientName : string
− patientID : string
− patientContactNumber : ulong
− patientAge : byte
− patientGender : string
+ AddPatient() : void
+ DeletePatient() : void
+ DisplayPatient() : void
+ UpdatePatientAccount() : void
+ PatientTransactions() : void

APOLLO HOSPITALS
Administration class
Code

```csharp
class Administration
{
    private string hospitalName;
    private ulong hospitalContactNumber;
    private string hospitalAddress;
    private string hospitalWebsite;
    private string hospitalSpecialization;

    public void MedicineStock()
    {

        //todo
    }

    public void ManageAppointments()
    {
    //todo
    }

    public void AssistStaff()
    {
    //todo
    }

    public void AssistPatients()
    {
        //todo
    }

    public void LegalFormalities()
    {

        //todo

    }
}
```

UML Diagram

Administartion class
– hospitalName : string
– hospitalContactNumber : ulong
– hospitalAddress : string
– hospitalWebsite : string
– hospitalSpecialization : string
+ MedicineStock() : void
+ ManageAppointments() : void
+ AssistStaff() : void
+ AssistPatients() : void
+ LegalFormalities() : void

APOLLO HOSPITALS
PharmacyCompany class
Code

```csharp
class PharmacyCompany
{

    private string companyName;
    private ulong companyContactNumber;
    private string companyWebsite;
    private string medicineOffered;
    private string companyRepresentative;

    public void AddCompany()
    {
        //todo
    }

    public void DeleteCompany()
    {
        //todo

    }

    public void DisplayCompany()
    {
        //todo
    }

    public void CompanyTransactions()
    {
        //todo
    }

    public void UpdateCompanyDetails()
    {
        //todo
    }
}
```

UML Diagram

PharmacyCompany class
– companyName : string
– companyContactNumber : ulong
– companyWebsite : string
– medicineOffered : string
– companyRepresentative : string
+ AddCompany() : void
+ DeleteCompany() : void
+ DisplayCompany() : void
+ CompanyTransactions() : void
+ UpdateCompanyDetails() : void