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| **UML DIAGRAMS BY MANOJ YEKOLLA 28-Jan-2022** |

**AMAZON**

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| **Customer Class** |
| Code : |
| **class Customers**  **{**  **private int customerId;**  **private string customerName;**  **Private string**  **customerEmailId;**  **private string customerAddress;**  **private long customerMobile;**    **public void AddCustomersDetails()**  **{**  **//TODO**  **}**  **public void DisplayCustomersDetails()**  **{**  **//TODO**  **}**  **public void EditCustomersDetails()**  **{**  **//TODO**  **}**  **public void DeleteCustomersDetails()**  **{**  **//TODO**  **}**  **}** |
| UML Diagram :     |  | | --- | | Customer : | | * customerId : int * customerName : string * customerEmailId : string * customerAddress : string   - customerMobile : string | | + AddCustomerDetails() : void  + DisplayCustomerDetails() : void  + EditCustomerDetails() : void  **+DeleteCustomerDetails() : void**  **Product Class** | **: void** | | Code : |  | | **class Product**  **{**  **private long productId;**  **private string productName;**  **private string productDescription; private double productPrice;**  **private long productStock;**  **public void AddProductDetails()**  **{**  **//TODO**  **}**  **public void DisplayProductDetails()**  **{**  **//TODO**  **}**  **public void EditProductDetails()**  **{**  **//TODO**  **}**  **public void DeleteProductDetails()**  **{**  **//TODO**  **}**  } |  | | **UML DIAGRAM**   |  | | --- | | Product : | | - productId : long  - productName : string  - productDescription : string  - productPrice : double  - productStock : long | | + AddEmployeeDetails() : void  + DisplayEmployeeDetails() : void  + EditEmployeeDetails() : void  + DeleteEmployeeDetails():void | |  | |

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| **Employee Class** |
| Code : |
| **class Employee**  **{**  **private int employeeId;**  **private string employeeName;**  **private short employeeAge;**  **private string employeeEmailId;**  **private float employeeSalary;**  **private long employeeMobile;**  **public void AddEmployeeDetails()**  **{**  **//TODO**  **}**  **public void DisplayEmployeeDetails()**  **{**  **//TODO**  **}**  **public void EditEmployeeDetails()**  **{**  **//TODO**  **}** |
| UML DIAGRAM :     |  | | --- | | Employee : | | - employeeId : int  - employeeName : string  - employeeAge : short  - employeeEmailid : string  - employeeMobile : long  - employeeSalary : float | | + AddEmployeeDetails() : void  + DisplayEmployeeDetails() : void  + EditEmployeeDetails() : void  + DeleteEmployeeDetails() : void | |

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| **Order Class** |
| Code : |
| **class Order**  **{**  **private long**  **orderId;**  **private int customerId;**  **private long shippingId;;**  **private double**  **orderPrice;**  **private string customerAddress;**  **public void AddOrderDetails()**  **{**  **//TODO**  **}**  **public void DisplayOrderDetails()**  **{**  **//TODO**  **}**  **public void EditOrderDetails()**  **{**  **//TODO**  **}**  **public void DeleteOrderDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM     |  | | --- | | Order : | | - orderId : long  - customerId : int  - shippingId : long  - orderPrice : double  - customerAddress : string | | + AddOrderDetails() : void  + DisplayOrderDetails() : void  + EditOrderDetails() : void  + DeleteOrderDetails() : void | |

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| **ShoppingCart Class** |
| Code : |
| **class ShoppingCart**  **{**  **private long shoppingCartId;**  **private int**  **customerID;**  **private string customerName;**  **private string productName;**  **public void AddShoppingCartDetails()**  **{**  **//TODO**  **}**  **public void DisplayShoppingCartDetails()**  **{**  **//TODO**  **}**  **public void EditShoppingCartDetails()**  **{**  **//TODO**  **}**  **public void DeleteShoppingCartDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DESIGN   |  | | --- | | Shopping Cart : | | - shoppingCartId : long  - customerId : int  - customerName : string  - productName : string | | + AddShoppingCartDetails() : void  + DisplayShoppingCartDetails() : void  + EditShoppingCartDetails() : void  + DeleteShoppingCartDetails() : void | |

**APOLLO**

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| **Hospital Class** |
| Code : |
| **class Hospital**  **{**  **private int hospitalId;**  **private string hospitalName;**  **private string hospitalType;**  **private string hospitalAddress;**  **private string doctorName;**  **public void AddHospitalDetails()**  **{**  **//TODO**  **}**  **public void DisplayHospitalDetails()**  **{**  **//TODO**  **}**  **public void EditHospitalDetails()**  **{**  **//TODO**  **}**  **public void DeleteHospitalDetails()**  **{**  **//TODO**  **}** |
| UML DESIGN   |  | | --- | | Hospital : | | - hospitalId : int  - hospitalName : string  - hospitalType : string  - hospitalAddress : string  - doctorName : string | | + AddHospitalDetails() : void  + DisplayHospitalDetails() : void  + EditHospitalDetails() : void  + DeleteHospitalDetails() : void | |
| Doctor Class |
| Code : |
| **class Doctor**  **{**  **private int doctorId;**  **private string doctorName;**  **private string doctorType;**  **private long doctorMobile;**  **private string doctorEmailId;**  **private string doctorAddress;**  **public void AddDoctorDetails()**  **{**  **//TODO**  **}**  **public void DisplayDoctorDetails()**  **{**  **//TODO**  **}**  **public void EditDoctorDetails()**  **{**  **//TODO**  **}**  **public void DeleteDoctorDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM   |  | | --- | | Doctor : | | - doctorId : int  - doctorName : string  - doctorType : string  - doctorMobile : long  - doctorEmailId : string  - doctorAddress : string | | + AddDoctorDetails() : void  + DisplayDoctorDetails() : void  + EditDoctorDetails() : void  + DeleteDoctorDetails() : void | |
| **Patient Class** |
| Code : |
| **class Patient**  **{**  **private int patientId;**  **private string patientName;**  **private long patientMobile;**  **private string patientEmailId;**  **private string patientCity;**  **public void AddPatientDetails()**  **{**  **//TODO**  **}**  **public void DisplayPatientDetails()**  **{**  **//TODO**  **}**  **public void EditPatientDetails()**  **{**  **//TODO**  **}**  **public void DeletePatientDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM   |  | | --- | | Patient : | | - patientId : int  - patientName : string  - patientMobile : long  - patientEmailId : string  - patientCity : string | | + AddPatientDetails() : void  + DisplayPatientDetails() : void  + EditPatientDetails() : void  + DeletePatientDetails() : void | |

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| **Appointment Class** |
| Code : |
| **class Appointment**  **{**  **private int appointmentId;**  **private string appointmentType;**  **private string appointmentdate;**  **private int**  **doctorId;**  **public void AddAppointmentDetails()**  **{**  **//TODO**  **}**  **public void DisplayAppointmentDetails()**  **{**  **//TODO**  **}**  **public void EditAppointmentDetails()**  **{**  **//TODO**  **}**  **public void DeleteAppointmentDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM   |  | | --- | | Appointment : | | - appointmentId : int  - appointmentType : string  - appointmentDate : string  - doctorId : int | | + AddAppointmentDetails() : void  + DisplayAppointmentDetails() : void  + EditAppointmentDetails() : void  + DeleteAppointmentDetails() : void | |

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| **Medicine Class** |
| Code : |
| **class Medicine**  **{**  **private int medicineId;**  **private string medicineName;**  **private string medicineCompany;**  **private string MedicineCost;**  **public void AddMedicineDetails()**  **{**  **//TODO**  **}**  **public void DisplayMedicineDetails()**  **{**  **//TODO**  **}**  **public void EditMedicineDetails()**  **{**  **//TODO**  **}**  **public void DeleteMedicineDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM   |  | | --- | | Medicine : | | - medicineId : int  - medicineName : string  - medicineCompany : string  - medicineCost : string | | + AddMedicineDetails() : void  + DisplayMedicineDetails() : void  + EditMedicineDetails() : void  + DeleteMedicineDetails() : void | |

**POLICE STATION**

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| **Police Class** |
| Code : |
| **class Police**  **{**  **private int policeId;**  **private string policeName;**  **private string policeDesignation;**  **private long**  **policeMobile;**  **private string policeEmailId;**  **private string policeAddress;**  **public void AddPoliceDetails()**  **{**  **//TODO**  **}**  **public void DisplayPoliceDetails()**  **{**  **//TODO**  **}**  **public void EditPoliceDetails()**  **{**  **//TODO**  **}**  **public void DeletePoliceDetails()**  **{**  **//TODO**  **}** |
| UML DIAGRAM   |  | | --- | | Police : | | - policeId : int  - policeName : string  - policeDesigination :string  - policeMobile : long  - policeEmailId : string  - policeAddress : string | | + AddPoliceDetails() : void  + DisplayPoliceDetails() : void  + EditPoliceDetails() : void  + DeletePoliceDetails() : void | |  | |

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| **Prison Class** |
| Code : |
| **class Prison**  **{**  **private string prisonName;**  **private string prisonLocation;**  **private int prisonCapacity;**  **private string**  **prisonSupervisorName;**  **public void AddPrisonDetails()**  **{**  **//TODO**  **}**  **public void DisplayPrisonDetails()**  **{**  **//TODO**  **}**  **public void EditPrisonDetails()**  **{**  **//TODO**  **}**  **public void DeletePrisonDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM   |  | | --- | | Prison : | | - prisonName : string  - prisonLocation : string  - prisonCapacity : int  - prisonSupervisorName : string | | + AddPrisonDetails() : void  + DisplayPrisonDetails() : void  + EditPrisonDetails() : void  + DeletePrisonDetails() : void | |

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| **Incident Class** |
| Code : |
| **class Incident**  **{**  **private int incidentId;**  **private string incidentType;**  **private string incidentLocation;**  **private string incidentTime;**  **public void AddIncidentDetails()**  **{**  **//TODO**  **}**  **public void DisplayIncidentDetails()**  **{**  **//TODO**  **}**  **public void EditIncidentDetails()**  **{**  **//TODO**  **}**  **public void DeleteIncidentDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM   |  | | --- | | Incident : | | - incidentId : int  - incidentType : string  - incidentLocation : string  - incidentTime : string | | + AddIncidentDetails() : void  + DisplayIncidentDetails() : void  + EditIncidentDetails() : void  + DeleteIncidentDetails() : void | |

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| **FIR Class** |
| Code : |
| **class FIR**  **{**  **private int firNumber;**  **private string firName;**  **private string firDescription;**  **private string**  **firType;**  **public void AddFIRDetails()**  **{**  **//TODO**  **}**  **public void DisplayFIRDetails()**  **{**  **//TODO**  **}**  **public void EditFIRDetails()**  **{**  **//TODO**  **}**  **public void DeleteFIRDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM   |  | | --- | | FIR : | | - firNumber : int;  - firName : string  - firDescription : string  - firType : string | | + AddFIRDetails() : void  + DisplayFIRDetails() : void  + EditFIRDetails() : void  + DeleteFIRDetails() : void | |

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| **PoliceStation Class** |
| Code : |
| **class PoliceStation**  **{**  **private int policeStationId;**  **private long policeStationMobile;**  **private string policeStationEmailId;**  **private string policeStationCity;**  **private string policeStationAddress;**  **public void AddPoliceStationDetails()**  **{**  **//TODO**  **}**  **public void DisplayPoliceStationDetails()**  **{**  **//TODO**  **}**  **public void EditPoliceStationDetails()**  **{**  **//TODO**  **}**  **public void DeletePoliceStationDetails()**  **{**  **//TODO**  **}**  **}** |
| UML DIAGRAM     |  | | --- | | PoliceStation : | | - policeStationId : int  - policeStationMobile : long  - policeStationEmailId : string  - policeStationCity : string  - policeStationAddress : string | | + AddPoliceStationDetails() : void  + DisplayPoliceStationDetails() : void  + EditPoliceStationDetails() : void  + DeletePoliceStationDetails() : void | |