***AMAZON***

**Namespace Amazon**

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| **Class Customers** |
| **Code:**  class Customers  {  public string Customerusername;  private string Customerpassword;  public string Customeremailid;  private int Customerbankaccntnum;  public void Addcustomerdetails()  {    }  public void Editcustomerdetails()  {    }  public void Deletecustomerdetails()  {    }  public void Displaycustomerdetails()  {    } |
| **UML:**   |  | | --- | | Customers | | + Customerusername: String  - Customerpassword : String  + CustomeremailID : String  -Customerbankaccntnum : string | | + Addcustomerdetails(): Void  + Editcustomerdetails(): Void  + Deletecustomerdetails(): Void  + Displaycustomerdetails(): Void | |

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| **Class Products** |
| **Code:**  class Products  {  public string Productid;  public string Productname;  public string Productdescription;  public int Productprice;    public void Addproduct()  {    }  public void Editproduct()  {    }  public void Displayproduct()  {    }  public void Deleteproduct()  {    }    } |
| **UML:**   |  | | --- | | Products | | + ProductId: String  + Productname: String  + Productdescription : String  + Productprice : int | | + Addcproductdetails(): Void  + Editproductdetails(): Void  + Deleteproductdetails(): Void  + Displayproductdetails(): Void | |

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| **Class Employees** |
| **Code:**  class Employees  {  public string Employeeid;  public string Employeename;  private int Employeesalary;  private int Employeesage;  public void Addemployee()  {    }  public void Editemployee()  {    }  public void Displayemployee()  {    }  public void Deleteemployee()  {    }    } |
| **UML:**   |  | | --- | | Employees | | + EmployeeId: String  + Employeename : String  - Employeesalary : int  - Employeeage : int | | + Addemployeedetails(): Void  + Editemployeedetails(): Void  + Deleteemployeedetails(): Void  + Displayemployeedetails(): Void | |

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| **Class Reviews** |
| **Code:**  class Reviews  {  public int Rating;  public string Customerusername;  public string Reports;  public string Country;  public void Addreview()  {    }  public void Editreview()  {    }  public void Displayreview()  {    }  public void Deletereview()  {    }    } |
| **UML:**   |  | | --- | | Reviews | | + Rating: int  + Customername : String  + Reports : String  +Country: string | | + AddReviewdetails(): Void  + EditReviewdetails(): Void  + DeleteReviewdetails(): Void  + DisplayReviewdetails(): Void | |

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| **Class Sellerdetails** |
| **Code:**  class Sellerdetails  {  public string Sellergstid;  public string Sellername;  public string Sellerdescription;  public string Sellerlocation;  public void Addseller()  {    }  public void Editseller()  {    }  public void Displayseller()  {    }  public void Deleteseller()  {    }  } |
| **UML:**   |  | | --- | | Seller | | + SellergstId: String  + Sellername : String  + Sellerdescription : String  +Sellerlocation: string | | + Addsellerdetails(): Void  + Editsellerdetails(): Void  + Deletesellerdetails(): Void  + Displaysellerdetails(): Void | |

**Citizen Hospital**

**Namespace Citizenhospital**

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| **Class Administration** |
| **Code:**  class Administration  {  public string Patientname;  public int Patientroomno;  public string PatientOps ;  public int InpatientBills;  public void AddAdministrationdetails()  {    }  public void EditAdministratiohdetails()  {    }  public void DeleteAdministrationdetails()  {    }  public void DisplayAdministrationdetails()  {    } |
| **UML:**   |  | | --- | | Customers | | + Patientname: String  + Patientroomno : String  + PatientOps : String  +Inpatientbills: int | | + Addpatientdetails(): Void  + Editpatientdetails(): Void  + Deletepatientdetails(): Void  + Displaypatientdetails(): Void | |

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| **Class ICU** |
| **Code:**  class ICU  {  public string Inpatientid;  public string Inpataientname;  public string Patientdiseasedescription;  public int Noofbeds;    public void AddICUdetails()  {    }  public void EditICUdetails()  {    }  public void DisplayICUdetails()  {    }  public void DeleteICUdetails()  {    }    } |
| **UML:**   |  | | --- | | Customers | | + InpatientId: String  + Inpatientname : String  + Patientdiseasedescription:String  +Noofbeds: int | | + AddICUdetails(): Void  + EditICUdetails(): Void  + DeleteICUdetails(): Void  + DisplayICUdetails(): Void | |

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| **Class Rooms** |
| **Code:**  class Rooms  {  public int NoofRooms;  public int Occupiedrooms;  public int Availablerooms;  public int RoomsforCovidpatients;  public void Addrooms()  {    }  public void Editrooms()  {    }  public void Displayrooms()  {    }  public void Deleterooms()  {    }    } |
| **UML:**   |  | | --- | | Customers | | + NoofRooms: int  + Occupiedrooms : int  + AvailableRooms : int  +RoomsforCovidpatients : int | | + AddRoomdetails(): Void  + EditRoomdetails(): Void  + DeleteRoomdetails(): Void  + DisplayRoomdetails(): Void | |

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| **Class pharmacy** |
| **Code:**  class Pharmacy  {  public string Medicinename;  public int Quantity;  public int Bills;  public string PharmacyContactno;  public void Addreturns()  {    }  public void Editreturns()  {    }  public void Displayreturns()  {    }  public void Deletereturns()  {    }    } |
| **UML:**   |  | | --- | | Customers | | + Medicinename: String  + Quantity : int  + Bills : int  +Pharmacycontactno : string | | + Addpharmacydetails(): Void  + Editpharmacydetails(): Void  + Deletepharmacydetails(): Void  + Displaypharmacydetails(): Void | |

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| **Class Insurances** |
| **Code:**  class Insurances  {  public string Insuranceid;  public string Insurancetype;  public int Sanctionedamount;  public string Approvalstatus;  public void AddInsurance()  {    }  public void EditInsurance()  {    }  public void DisplayInsurance()  {    }  public void DeleteInsurance()  {    }  } |
| **UML:**   |  | | --- | | Customers | | + InsuranceId: String  + Insurancetype : String  + Sanctionedamount : int  +Approvalstatus : string | | + AddInsurancedetails(): Void  + EditInsurancedetails(): Void  + DeleteInsurancedetails(): Void  + DisplayInsurancedetails(): Void | |

**Police Station**

**Namespace Policestation**

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| **Class StationDetails** |
| **Code:**  class StationDetails  {  public string Stationname;  public string Sationaddress;  public string Acheivementsofthatstation;  public string Publictalkaboutstation;  public void Addstationdetails()  {    }  public void Editstationdetails()  {    }  public void Deletestationdetails()  {    }  public void Displaystationdetails()  {    }          } |
| **UML:**   |  | | --- | | Customers | | + Stationname: String  + Stationaddress : String  + Acheivementsofthatstation : String  +Publictalkaboutthatstation : string | | + AddStationdetails(): Void  + EditStationdetails(): Void  + DeleteStationdetails(): Void  + DisplayStationdetails(): Void | |

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| **Class Complaints** |
| **Code:**  class Complaints  {  public string Complainttype;  private string Personname;  public string Description;  private string Complainttakenofficer;      public void AddComplaint()  {    }  public void EditComplaint()  {    }  public void DisplayComplaint()  {    }  public void DeleteComplaint()  {    }    } |
| **UML:**   |  | | --- | | Customers | | + Complainttype: String  + Personname : String  + Description : String  +Complainttakenofficer : string | | + AddComplaintsdetails(): Void  + EditComplaintsdetails(): Void  + DeleteComplaintsdetails(): Void  + DisplayComplaintsdetails(): Void | |

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| **Class Meetings** |
| **Code:**  class Meetings  {  public string Meetingtype;  public int Meetingtime;  public string Chiefofficer;  public string Outcomesofmeeting;  public void Addmeeting()  {    }  public void Editmeeting()  {    }  public void Displaymeeting()  {    }  public void Deletemeeting()  {    }    } |
| **UML:**   |  | | --- | | Customers | | + Meetingtype: String  + Meetingtime : Int  + Chiefofficer : String  +Outcomesofmeeting : string | | + AddMeetingsdetails(): Void  + EditMeetingsdetails(): Void  + DeleteMeetingsdetails(): Void  + DisplayMeetingsdetails(): Void | |

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| **Class Lockups** |
| **Code:**  class Lockups  {  public int Totallockups;  public string Personsineachlockup;  public void Addlockups()  {    }  public void Editlockups()  {    }  public void Displaylockups()  {    }  public void Deletelockups()  {    }    } |
| **UML:**   |  | | --- | | Customers | | + Totallockups: String  + Personsineachlockup : String | | + AddLockupdetails(): Void  + EditLockupdetails(): Void  + DeleteLockupdetails(): Void  + DisplayLockupdetails(): Void | |

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| **Class FIR** |
| **Code:**  class FIR  {  public string FIRId;  public string FIRtype;  public string FIRdescription;  public string Culpritname;  public void AddFIR()  {    }  public void EditFIR()  {    }  public void DisplayFIR()  {    }  public void DeleteFIR()  {    }  }  } |
| **UML:**   |  | | --- | | Customers | | + FIRId: String  + FIRType : String  + FIRDescription : String  +Culpritname : string | | + AddFIRdetails(): Void  + EditFIRdetails(): Void  + DeleteFIRdetails(): Void  + DisplayFIRdetails(): Void | |