ENCAPSULATION ON AMAZON CLASS

AMAZON

EMPLOYEE CLASS

class Employee

{

private string empname;

private string empemailid;

private string mobilenumber;

public void ReadData()

{

//to do

}

public void DisplayData()

{

//to do

}

public void DeleteData()

{ //to do

}

UML DIAGRAM

|  |
| --- |
| EMPLOYEE |
| * Name : string * Emailed : string * Mobile number: string |
| + ReadData() : void  + DisplayData() : void  + DeleteData() : void |

CUSTOMER CLASS

class customer

{

private int cusID;

private string cusname;

private string cusemailid;

private string cusmobileno;

public void ReadData()

{ //to do

}

public void AddData()

{ //to do

}

public void DeleteData()

{ //to do

}

public void EditData()

{ //to do

}

UML DIAGRAM

|  |
| --- |
| CUSTOMER |
| * CUSID :int * CUSEMAILID :string * CUSMOBILE NUMBER : string |
| + AddData() :void  + DeleteData() :void  + EditData() : void |

PRODUCT CLASS

class product

{

private string pdname;

private int pdnumber;

private int pdprice;

private string pdbrand;

public void ReadpdData()

{ //to do

}

public void AddpdData()

{//to do

}

public void DisplayData()

{ //to do

}

public void EditpdData()

{ //to do

}

}

UML DIAGRAM

|  |
| --- |
| PRODUCT |
| - pdname :string  - pdnumber :int  - pdprice :int  - pdbrand :string |
| + AddpdData() : void  + DisplaypdData() : void  + EditpdData() : void |

SELLER CLASS

Class seller

{

private string sname;

private string semailid;

private string sid;

public void AddsData()

{ // to do

}

public void DisplaysData()

{ //to do

}

public void EditsData()

{ // to do

}

}

UML DIAGRAM

|  |
| --- |
| SELLER |
| * Sname : string * Semailid : string * Sid : string |
| + AddsData() : void  + DisplaysData() : void  + EditsData() : void |

ORDER CLASS

class order

{

private string Olocation;

private int Onumber;

private string Oname;

private string Odetails;

public void AddOData()

{ //to do

}

public void DisplayOData()

{ // to do

}

public void EditOData()

{ // to do

}

}

UML DIAGRAM

|  |
| --- |
| Order |
| * Olocation : string * Onumber : int * Oname : string * Odetails : string |
| + AddOData() : void  + DisplayOData() : void  + EditOData() : void |

ENCAPSULATION ON HOSPITAL CLASS

HOSPITAL

EMPLOYEE CLASS

class employee

{

private int id;

private string name;

private string mobilenumber;

public void ReadData()

{

//to do

}

public void Displaydata()

{// to do

}

public void EditData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Employee |
| * Id : int * Name : string * Mobilenumber : string |
| + ReadData() : void  + DiaplayData() : void  + EditData() : void |

DOCTOR CLASS

class doctor

{

private string dname;

private int did;

private string dmobilenumber;

public void ReaddData()

{ // to do

}

public void DisplaydData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Doctor |
| * Dname : string * Did : int * DMobile number : string |
| + Readddata() : void  + DispalydData() : void |

PATIENT CLASS

class patient

{

private string pname;

private string pdiseasename;

private string pmobilenumber;

public void ReadpData()

{ // to do

}

public void DisplaypData()

{ // to do

}

public void DeletepData ()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Patient |
| * Pname : string * Pdiseasename : string * Pmobilenumber : string |
| + ReadpData() : void  + DisplaypData() : void  + DeletepData() : void |

EQUIPMENT CLASS

class equipment

{

private string Ename;

private int Eprice;

private string Edetails;

public void ReadEData()

{ // to do

}

public void DisplayEData()

{

// to do

}

public void DeleteEData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| equipment |
| * Ename : string * Eprice : int * Edetails : string |
| + ReadEData() : void  + DiaplayEData() : void  + DeleteEData() : void |

MEDICNE CLASS

class medicines

{

private string mname;

private string mdetails;

private int mnumber;

public void ReadmData()

{ // to do

}

public void DisplayMData()

{ // to do

}

public void EditMData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Medicine |
| * Mname : string * Mdetails : string * Mnumber : int |
| + ReadmData : void  + DiaplaymData : void  + EditmData : void |

ENCAPSULATION ON POLICE STATION CLASS

POLICE STATION

EMPLOYEE CLASS

class employee

{

private int Eid;

private string Ename;

private string Eemailid;

public void ReadEData()

{// to do

}

public void DisplyEData()

{// to do

}

public void EditEData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Employee |
| * Eid : int * Eemailid : string * Ename : string |
| + ReadEData() : void  + DisplayEData() : void  + EditEData() : void |

EQUIPMENT CLASS

class equipment

{

private int epno;

private string epname;

private string epdetails;

public void ReadEPData()

{ // to do

}

public void DisplayEPData()

{ // to do

}

public void DeleteEPData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Equipment |
| * Epno : int * Epname : string * Epdetails : string |
| + ReadEPData() : void  + DisplayEPData() : void  + DeleteEPData() : void |

FIR CLASS

class fir

{

private int id;

private string name;

private string details;

public void ReadData()

{ // to do

}

public void DisplayData()

{ // to do

}

public void EditData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Fir |
| * Name : string * Id : int * Details : string |
| + ReadData() : void  + DisplayData() : void  + EditData() : void |

CASES CALSS

class cases

{

private int cid;

private string cname;

private string cdetails;

public void ReadCData()

{ // to do

}

public void DispalyCData()

{ // to do

}

public void PendingCData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| cases |
| * cid : int * cname : string * cdetails : string |
| + ReadCData() : void  + DisplayCData(): void  + PendingCData() : void |

CRIMINALS CLASS

class criminals

{

private int crid;

private string crname;

private string crdetails;

public void ReadCRData()

{ // to do

}

public void DisplayCRData()

{ // to do

}

public void AddCRData()

{ // to do

}

UML DIAGRAM

|  |
| --- |
| Criminals |
| * crid : int * crname : string * crdetails : string |
| + ReadCRData(): void  + DisplayCRData() : void  + AddCRData() : void |