1. Create simple UML class diagrams for the 5 entities that we discussed in the class

1. Employee
2. Customer
3. Seller
4. Order
5. Product

|  |  |  |  |
| --- | --- | --- | --- |
| Employee | Seller | Order | Product |
| ID: int  Name: String  Address String  Email: String  Contact number: int | ID  Name: String  Address: String  Email: String  Contact number: String  Category: String  Product: String | Number: int  Orderdetails: String | Price: int  Name: String  Review: String  Brand: String |
| addEmployee()  editEmployee()  deleteEmpoyee()  addemail()  editemail()  deleteemail()  addcontact()  editcontact() | addSeller()  editSeller()  deleteSeller ()  addemail()  editemail()  deleteemail()  addcontact()  editcontact()  addcategory()  editcategory ()  deletecategory() | createorder()  modifyorder()  adddetails()  modifyorder() | addproduct()  editproduct()  deleteproduct()  addproductname()  editproductname()  deleteproductname()  addprice()  editprice()  deleteprice()  addreview()  editreview()  addbrand()  editbrand() |

Example:

Table

Description automatically generated

Put all 5 images in word document and push to github

6. Write the SDLC Steps for the waterfall model discussed in the class.

Requirement gathering

Requirement analysis

HLD

LLD

Dev

Test

System integration

Integration Test

Live

Support

Maintenance