**NAME: Rahul Goel**

**REG NO: RA1911030010094**

**BATCH: CSE-O2**

<u>NOTE: Respected Ma'am, I have done the project alone and on the simulator CREATELY which is why i have pasted screenshots of my work.</u>

ocument
Public                                                          Share    Export

**Role class**
+ role_id: int
+ role_title: String
+role_description: String
+ addRole()
+editRole()
+deleteRole()
+searchRole()
+ assignRole()

**Permission Class**
+permission_id:int
+permission_role_id:int
+permission_title:string
+permission_module:string
+permission_description:string
+addpermission()
+editpermission()
+deletepermission()
+searchpermission()

**Books Class**
+book_id:int
+book_name:string
+book_author:string
+book_type:string
+book_price:int
+book_desciption:string
+book_customer_id:int
+addbooks()
+editbooks()
+deletebooks()
+searchbooks()

**User Class**
+user_id:int
+user_role_id:int
+user_name:string
+user_email:string
+user_dob:date
+user_address_string
+addUser()
+editUser()
+deleteUser()
+searchUser()

**Stocks Class**
+stock_id:int
+stock_items:string
+stock_type;string
+stock_description:string
+stock_number:int
+addstocks()
+editstocks()
+deletestocks()
+searchstocks()

**Sales Class**
+sale_id:int
+sale_customer_id:int
+sale_type:string
+sale_description:string
+sale_amount:int
+addsales()
+editsales()
+deletesales()
+searchsales()

**Receipt Class**
+reciept_id:int
+reciept_type:string
+reciept_description:string
+reciept_number:int
+reciept_customer_id:int
+addreceipt()
+editreceipt()
+deletereceipt()
+searchreceipt()

**Inventory Class**
+inventory_id:int
+inventory_type:string
+inventory_description:string
+inventory_items:int
+inventory_number:int
+addinventory()
+editinventory()
+deleteinventory()
+searchinventory()

Class diagram of bookshop management system

100%

# Use case diagram of bookshop management System

**Actors:** Super Admin, System User, Shopkeeper, Customer

**Use Cases:**
- Manages user and full application
- Manage Books
- Make Payment
- Manage Receipt
- Login and logout from system
- Search Books
- manage Sales
- Update My profile
- View Payment History
- Manage Inventory
- Change Account Password
- Manage Inventory Stock
- Create invoice
- Manage Publications
- Manage Bills