

Models For My Java

//Bill entity:

```
import javax.persistence.*;
import java.util.Date;

@Entity
@Table(name = "bill_table")
public class Bill {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long billId;

    @ManyToOne
    @JoinColumn(name = "Order_id")
    private Order order;

    @ManyToOne
    @JoinColumn(name = "Meds_id")
    private Medicine medicine;

    @ManyToOne
    @JoinColumn(name = "Pharmas_id")
    private Pharmacist pharmacist;

    private String medicineName;
    private String pharmacistName;
    private int quantity;
    private double totalAmount;
    private double discountPrice;
    private double discountedPrice;
    private double toPayAmount;

    @Temporal(TemporalType.TIMESTAMP)
    private Date billingDate;

    // Getters and setters
}
```

//CartMedicine entity:

```
import javax.persistence.*;

@Entity
@Table(name = "cart_medicine")
public class CartMedicine {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long id;

    @ManyToOne
```

```

        @JoinColumn(name = "pharmacist_id")
        private Pharmacist pharmacist;

        @ManyToOne
        @JoinColumn(name = "medicine_id")
        private Medicine medicine;

        private int quantity;

        // Getters and setters
    }

//Distributor entity:

import javax.persistence.*;

@Entity
@Table(name = "distributor_db")
public class Distributor {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long distributorId;

    private String distributorName;
    private String distributorEmail;
    private String password;

    // Getters and setters
}

//MedicineCategory entity:

import javax.persistence.*;

@Entity
@Table(name = "medicine_category")
public class MedicineCategory {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long categoryId;

    private String categoryName;

    // Getters and setters
}

//Medicine entity:

import javax.persistence.*;
import java.util.Date;

@Entity
@Table(name = "medicine_db")

```

```

public class Medicine {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long medicineId;

    private String medicineName;

    @ManyToOne
    @JoinColumn(name = "Category_id")
    private MedicineCategory category;

    private int medicineQuantity;

    @Temporal(TemporalType.DATE)
    private Date manufactureDate;

    private double unitPrice;

    // Getters and setters
}

```

//Order entity:

```

import javax.persistence.*;
import java.util.Date;

@Entity
@Table(name = "order_db")
public class Order {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long orderId;

    @ManyToOne
    @JoinColumn(name = "meds_id")
    private Medicine medicine;

    @ManyToOne
    @JoinColumn(name = "pharms_id")
    private Pharmacist pharmacist;

    private String pharmacistName;
    private String medicineName;
    private double price;

    @Temporal(TemporalType.TIMESTAMP)
    private Date orderDate;

    // Getters and setters
}

```

//Pharmacist entity:

```
import javax.persistence.*;

@Entity
@Table(name = "pharmacist_db")
public class Pharmacist {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long pId;

    private String pName;
    private String pEmail;
    private String address;
    private String password;

    // Getters and setters
}
```