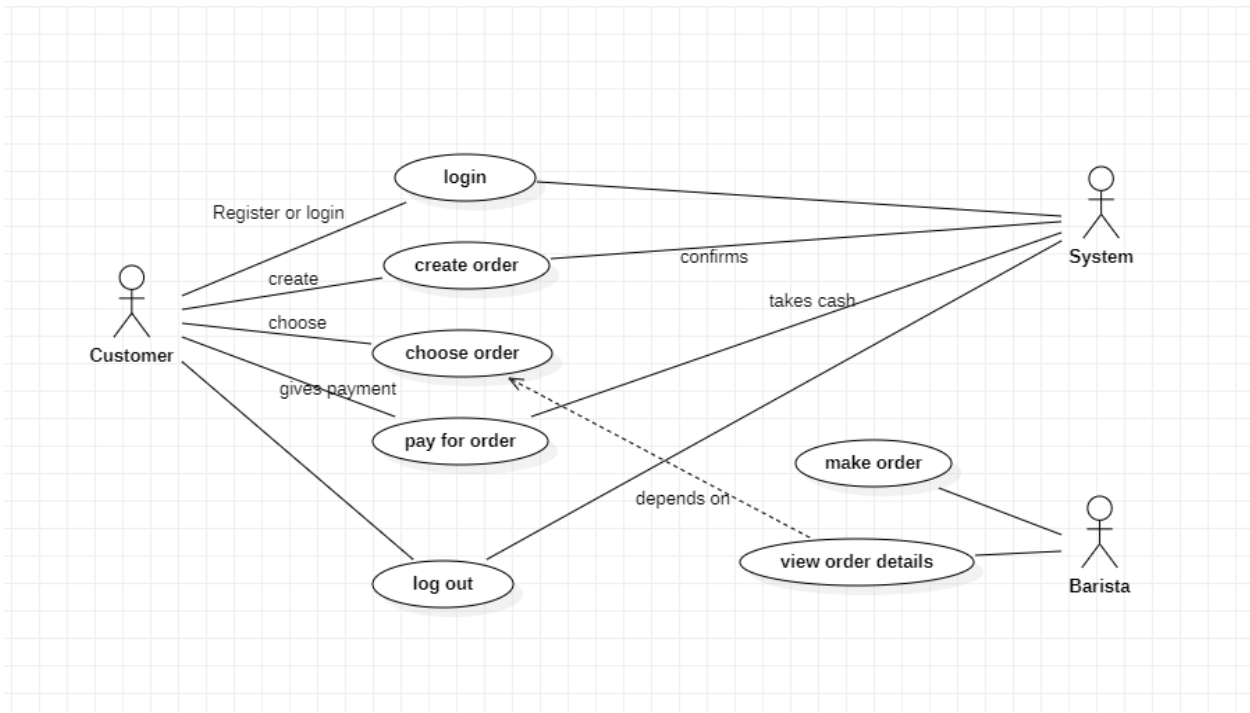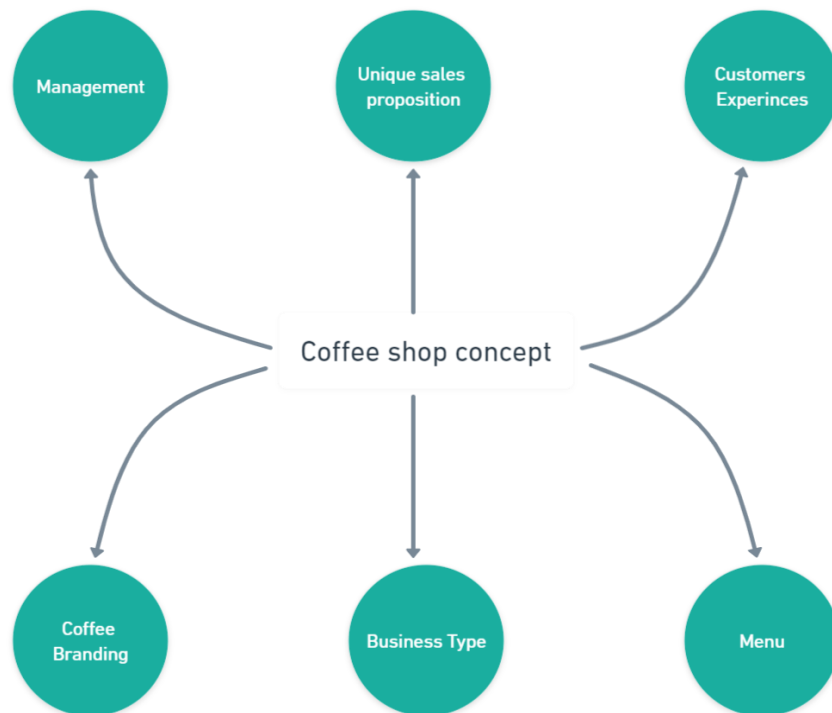## ❖ Describe the design
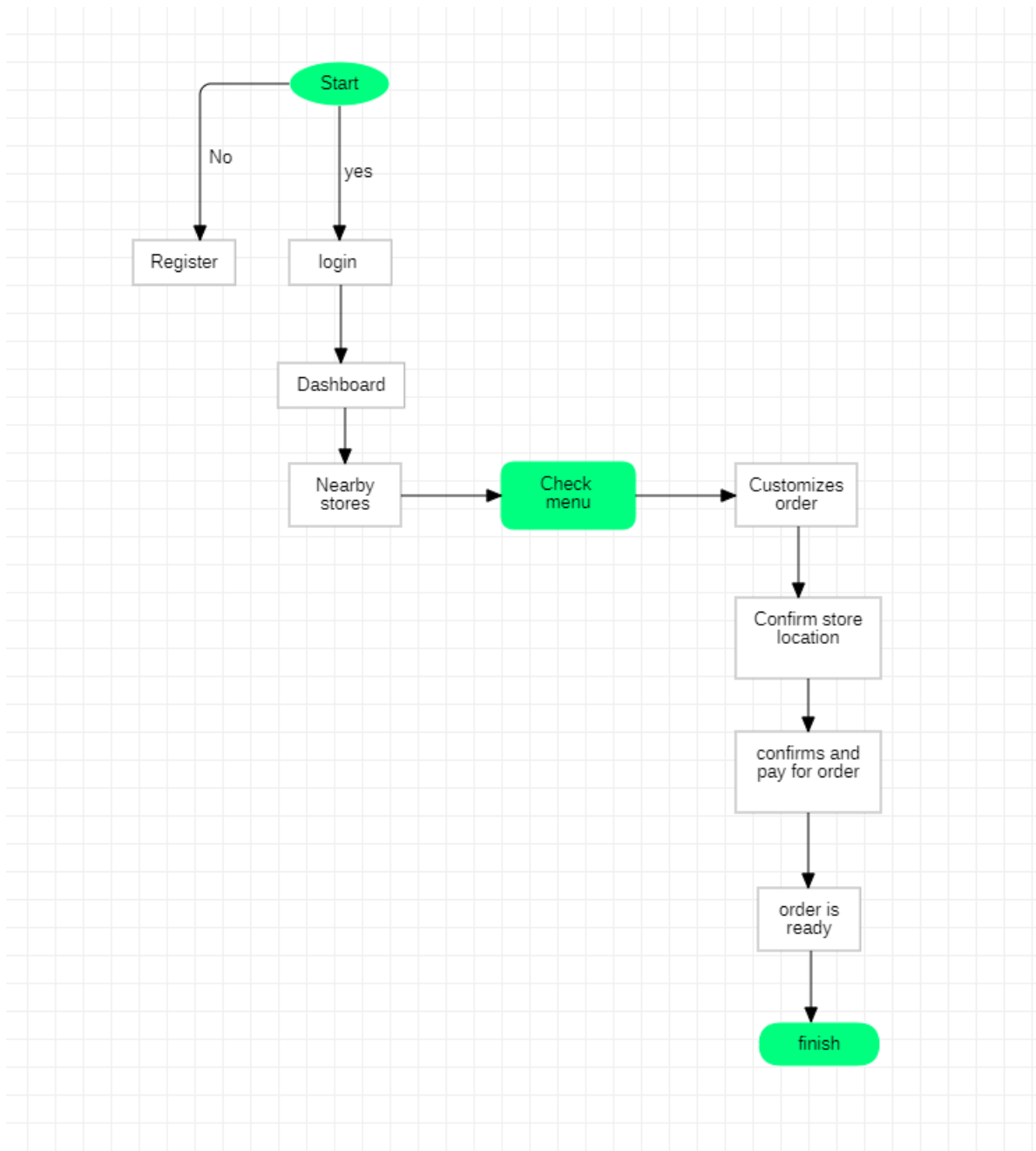

1.1 Use Case Diagram of Coffee Shop App
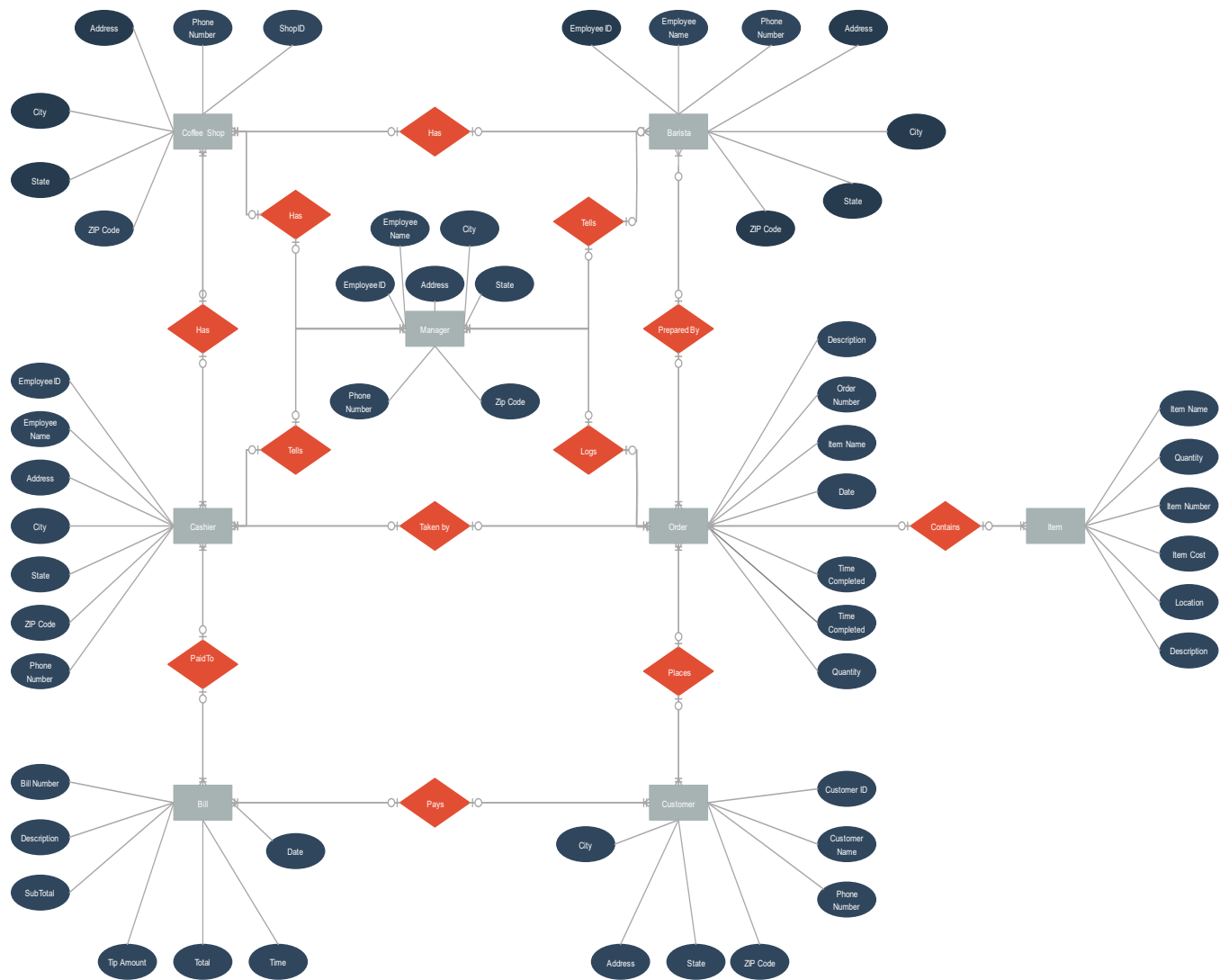

1.2 Concept Diagram of Coffee shop app

```
                        Start
        No                  yes

   Register            login

                      Dashboard

                      Nearby        Check        Customizes
                      stores        menu         order

                                                 Confirm store
                                                 location

                                                 confirms and
                                                 pay for order

                                                 order is
                                                 ready

                                                 finish
```

1.3 Flow chart Diagram Of Coffee shop app

Staff

Customer ID

Order

DataBase

1. check if receipt paid

1.2 Check Customer Order

1.3 Valid Order payment

1.5 Receipt paid
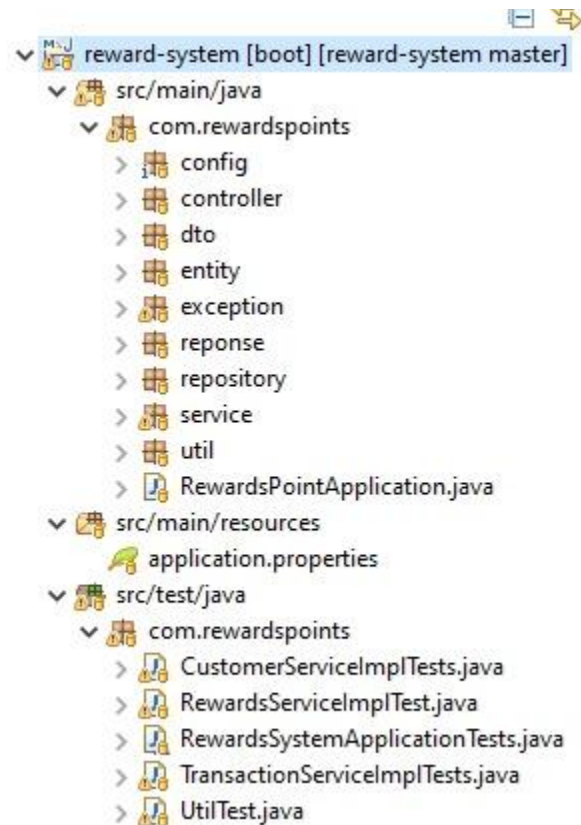
1.4 Order Payment validated
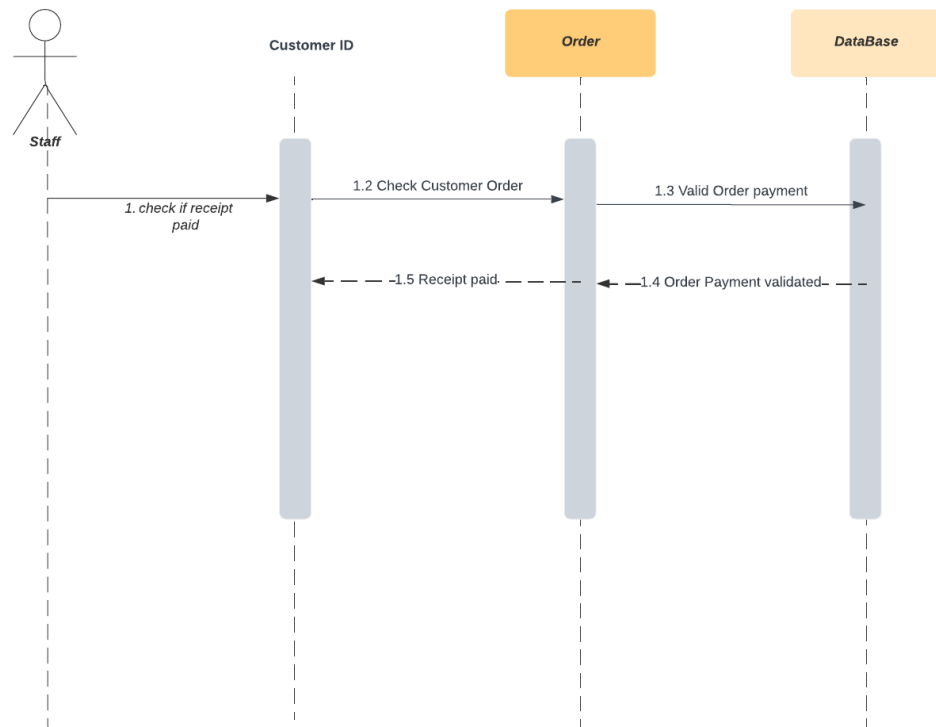
1.4 Sequence diagram of coffee shop app

1.5 ER Diagram of Coffee shop app

❖ **Based on this way we will build same package structure**

1.6 package Structure

❖ **For security we will use spring security along with JWT**

Notes :

1. For Testing we will use Junit & Mockito
2. Use Jacoco for code coverage.
3. SOLID principal