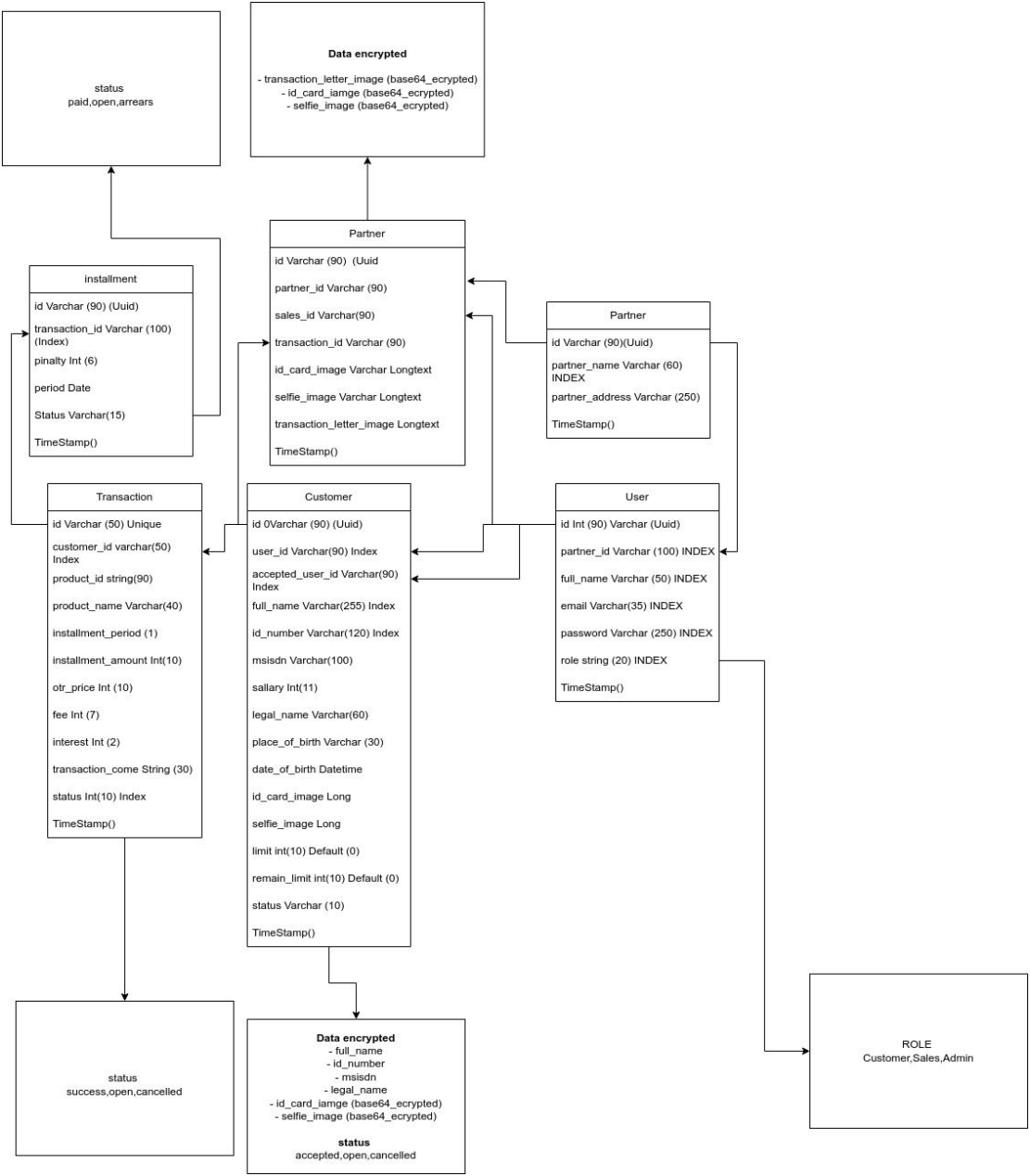


# **Technical Analysis**

**Program : Multi Finance**  
**Name : DoniAntoro**

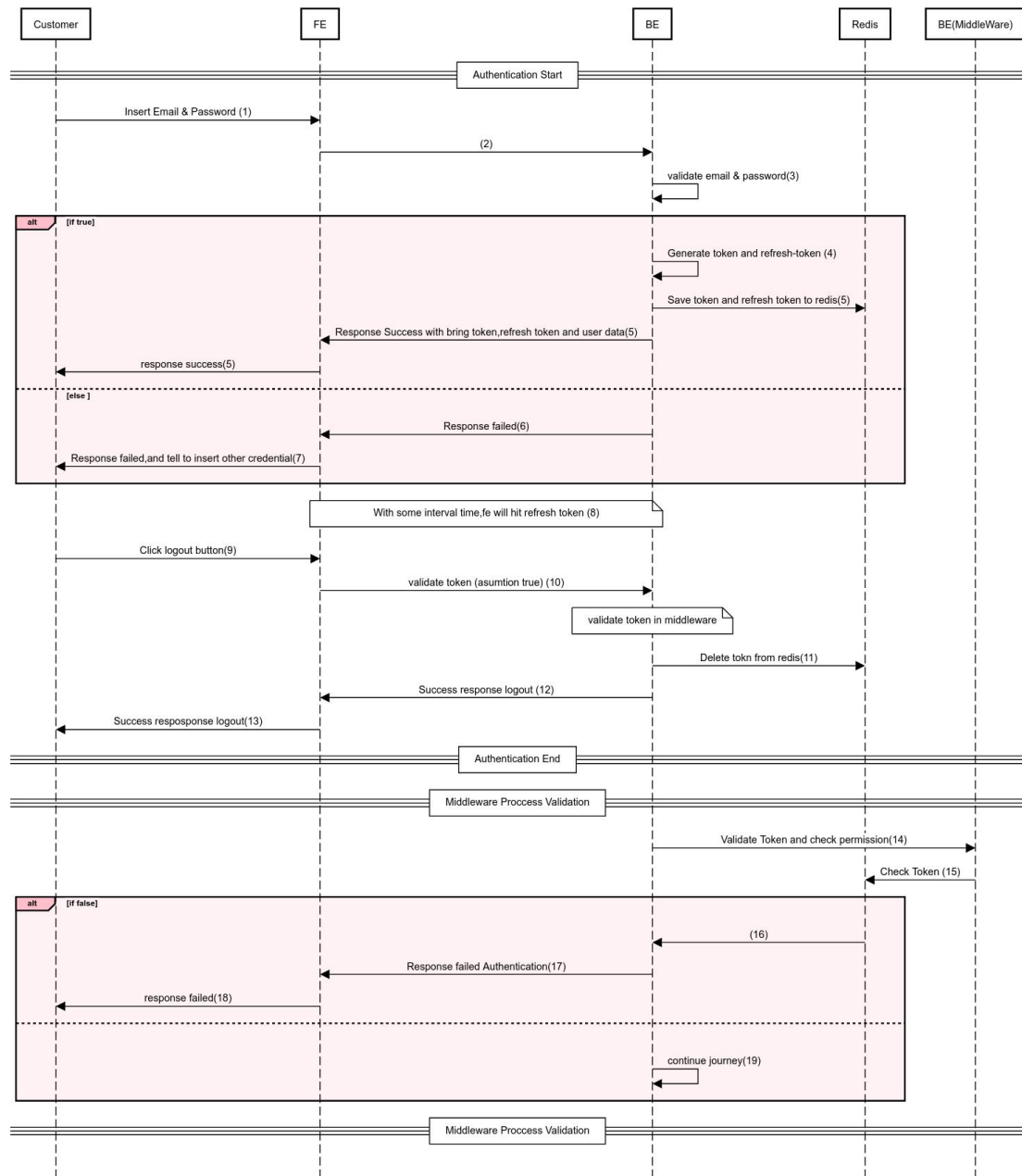
# 1. ERD



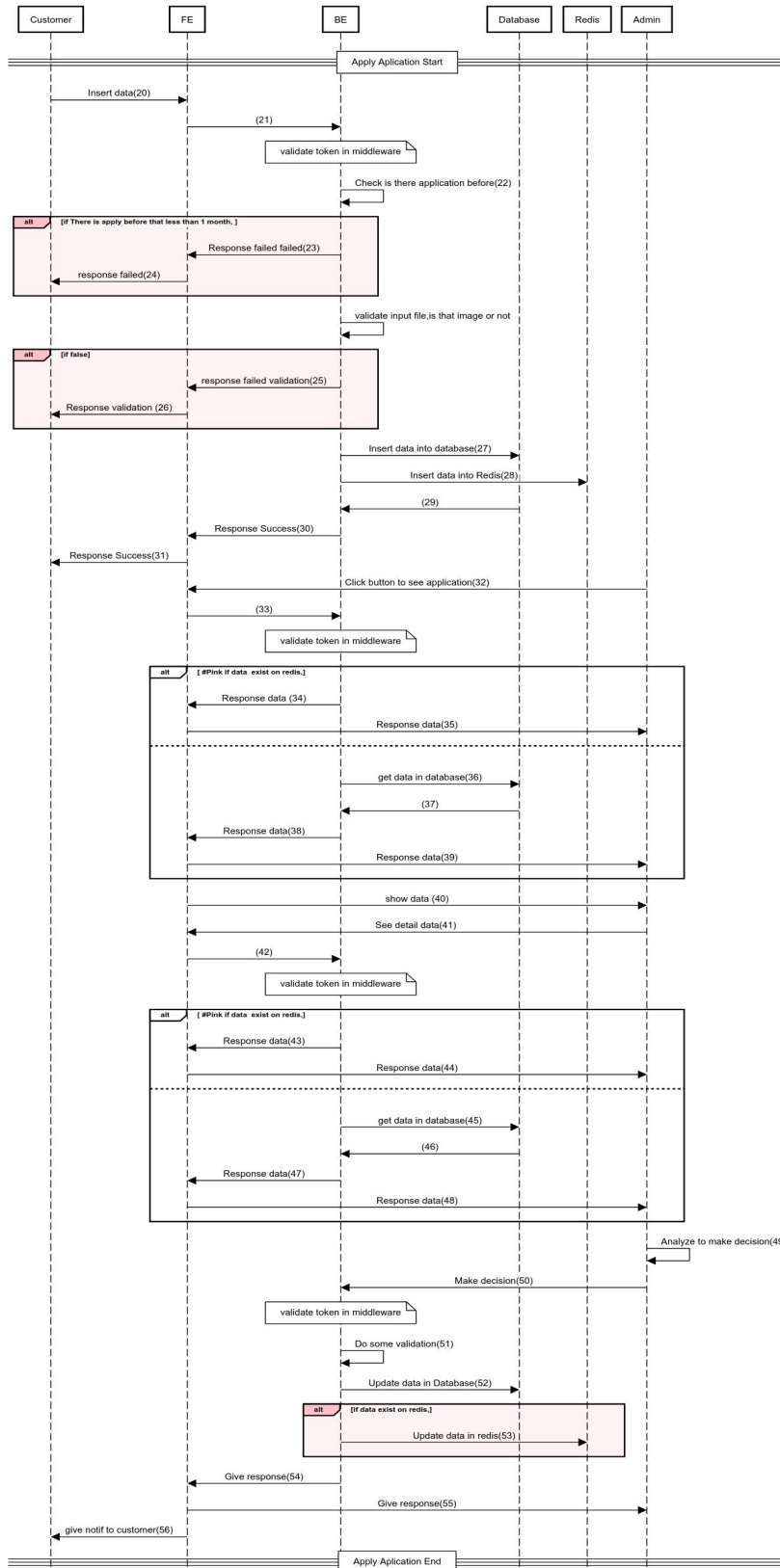
## 2. Sequence Diagram

\*Note all of processes in system , every input has a validation

### a) Authentication



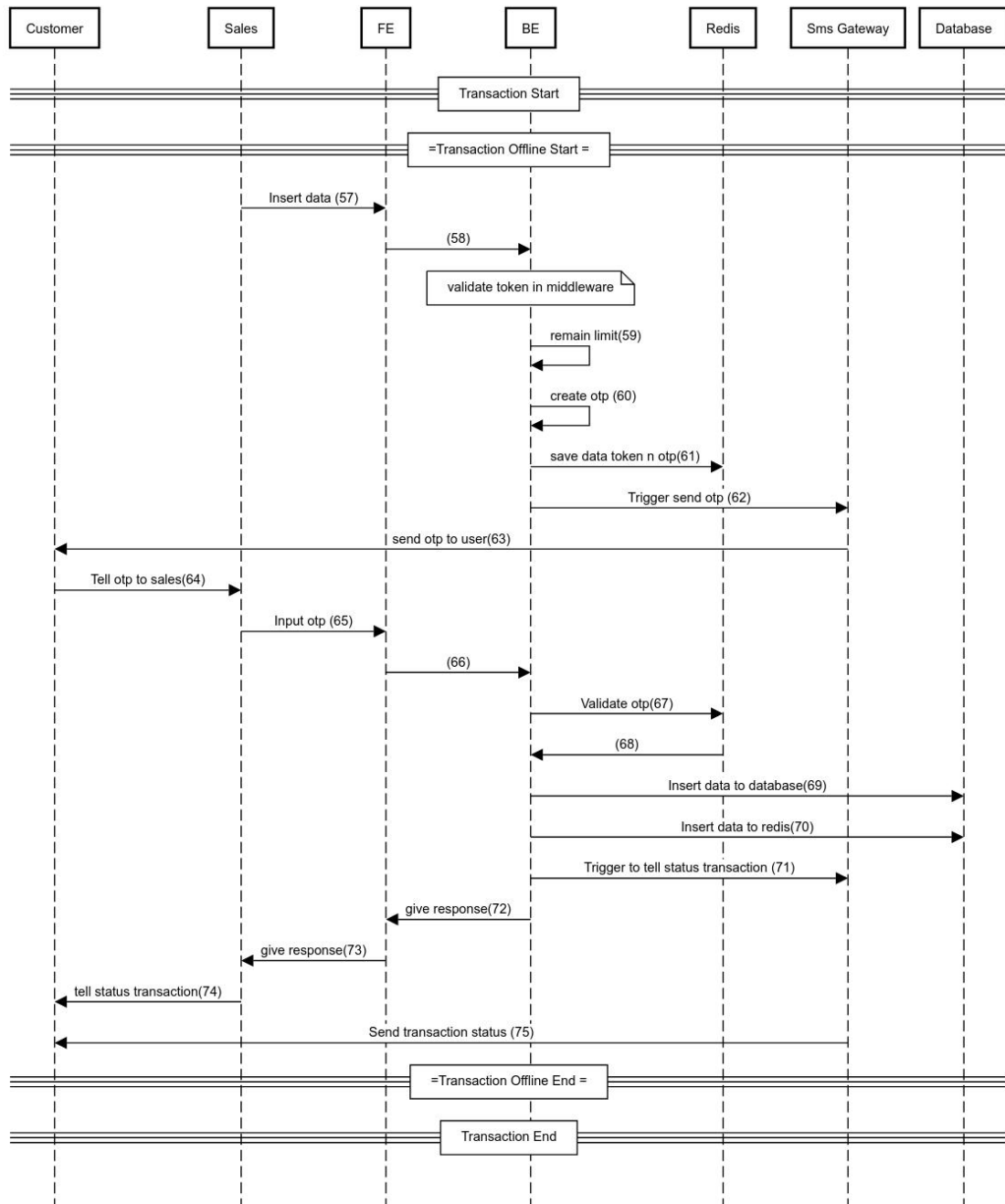
## b) Apply Application



Note : Due to limitation time , Proccess number 28 that insert data to redis cannot be implement.But ,Proccess number 53 that update to redis already implement

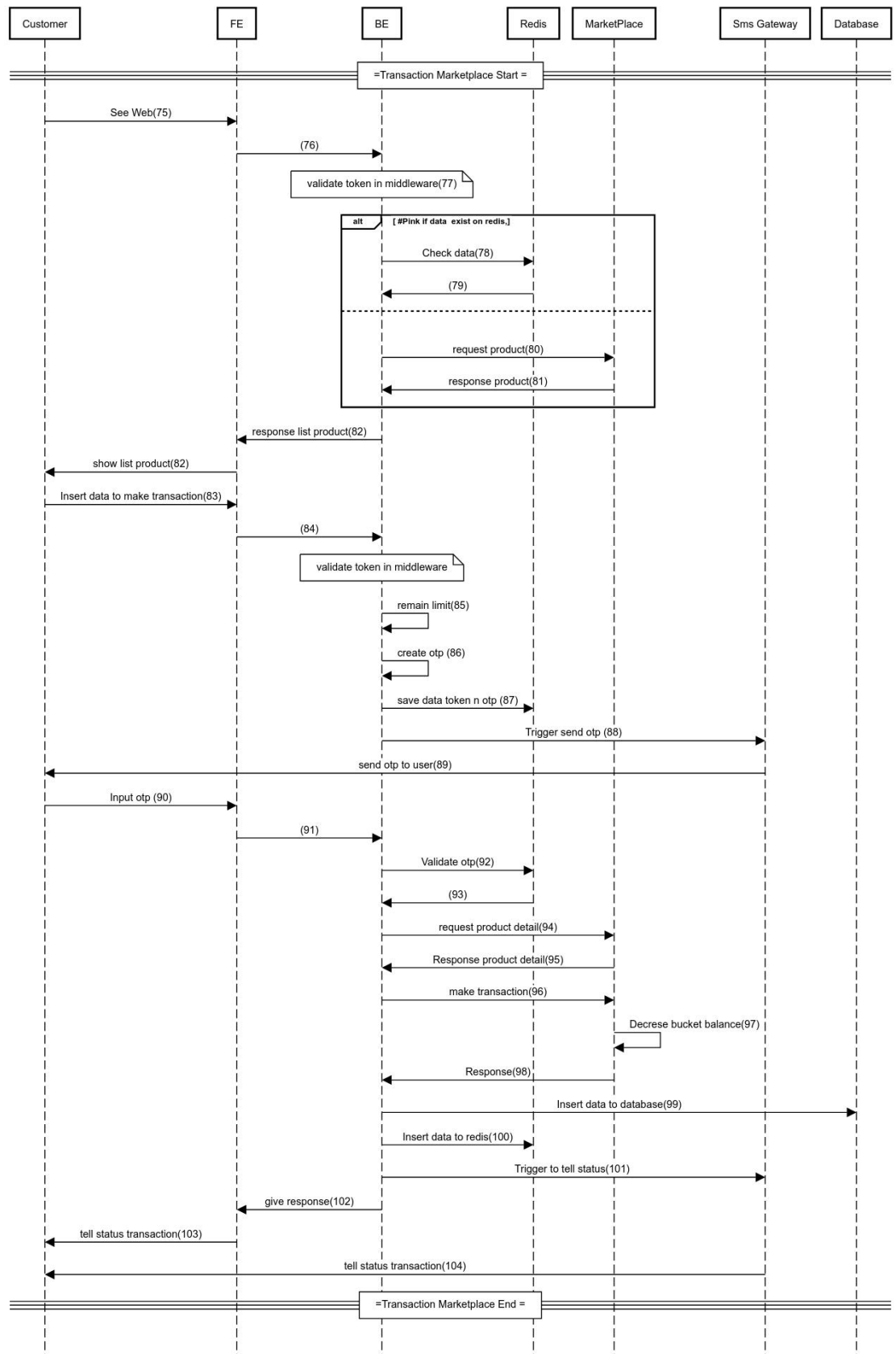
## c) Transaction

### i. Transaction offline



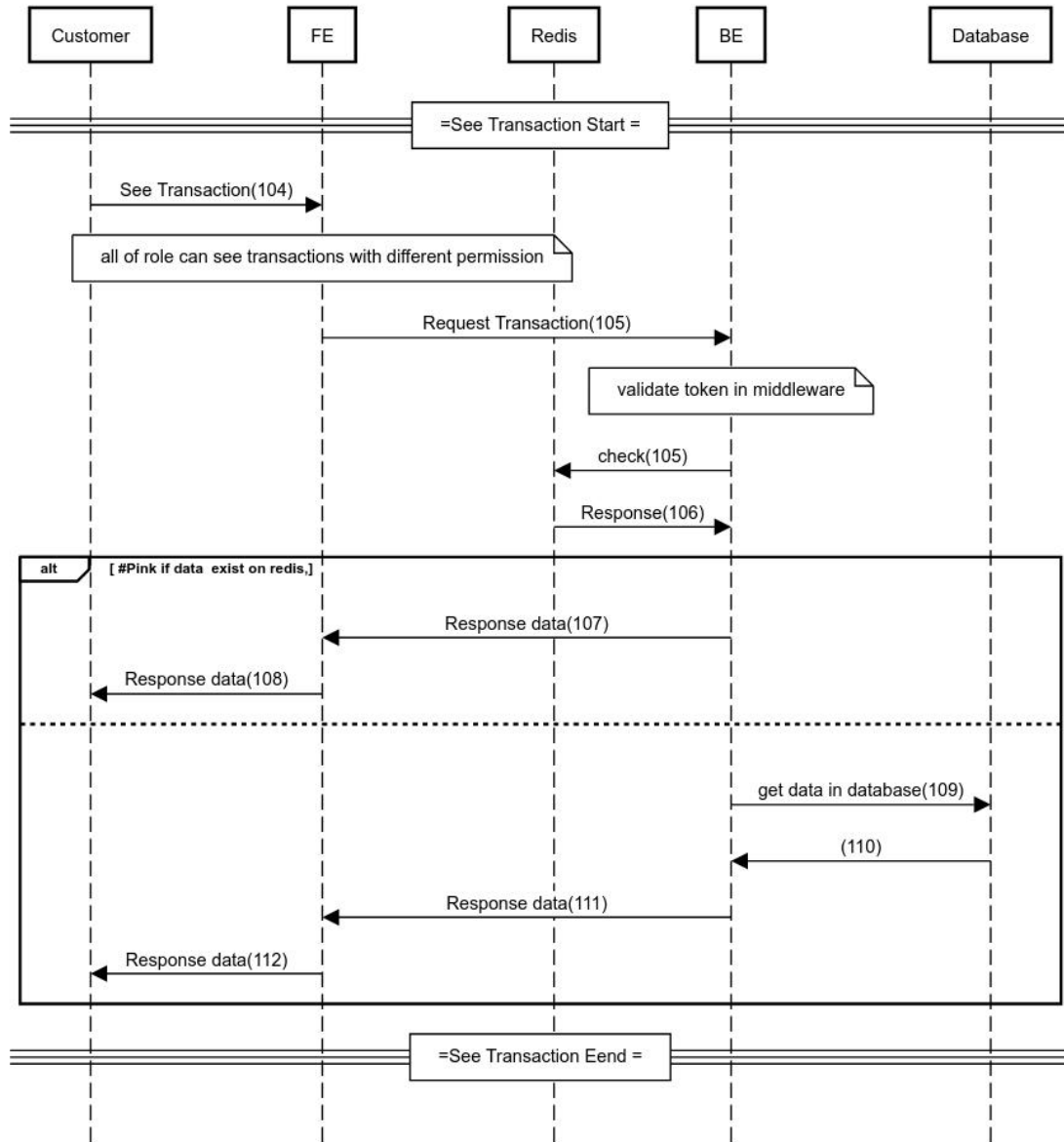
Note : Due to limitation time and resource , Process number 59-68,71 and 76 that insert data to redis cannot be implement

## ii. Transaction Online / Markeplace



Note : Due to limitation time and resource , Proccess number 86-93,100,101 and 104 cannot be implement

### iii. See Transaction Data



Note : Due to limitation time and resource , Procces number 107 and 108 cannot be implement

### **3. Prevent Attack**

to prevent TOP 10 OWASP, the system already implement ssl, mapping error, logging and use orm