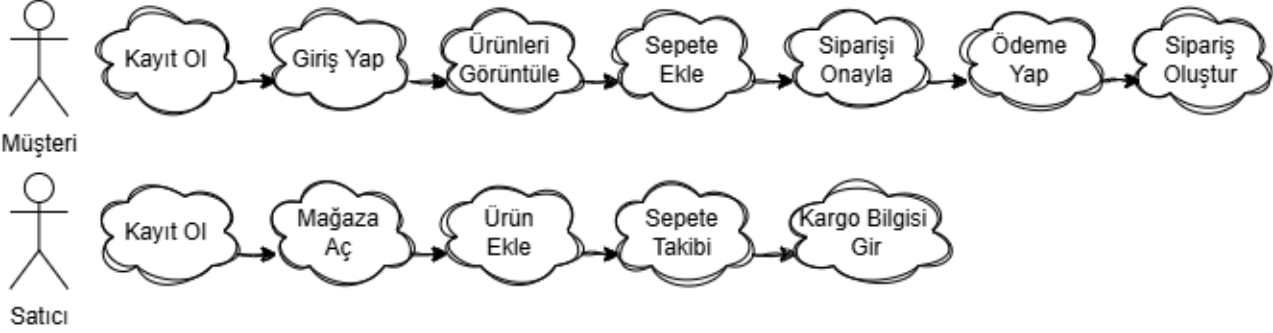


# B2C Pazaryeri Sistemi



## Use Case Diyagramı (Kullanım Senaryosu)

### Aktörler:

- Müşteri
- Satıcı

### Use Case'ler:

#### Müşteri:

- Kayıt Ol
- Giriş Yap
- Ürünleri Görüntüle
- Sepete Ekle
- Sipariş Ver
- Ödeme Yap
- Sipariş Takibi

#### Satıcı:

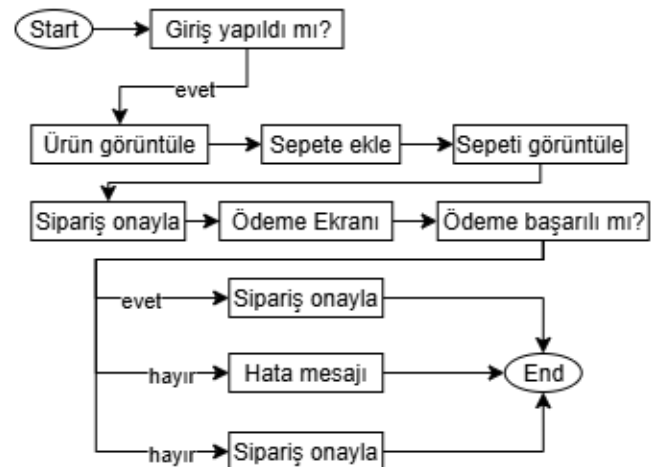
- Kayıt Ol / Giriş Yap
- Mağaza Aç
- Ürün Ekle
- Sipariş Görüntüle
- Kargo Bilgisi Gir

## Aktivite Diyagramı (Activity Diagram)

### Sipariş Verme Aktivitesi:

- Kullanıcı giriş yapar
- Ürünleri görüntüler
- Sepete ürün ekler
- Sepet sayfasına gider
- Siparişi onaylar
- Ödeme ekranına geçer
- Ödeme yapılır
- Sipariş oluşturulur

### Akış:



## Sınıf Diyagramı (Class Diagram)

### Sınıflar:

#### users

- id, name, email, password\_hash, role, created\_at
- login(), logout()

#### stores

- id, user\_id, store\_name, status, created\_at

#### products

- id, store\_id, title, description, price, stock, status
- updateStock()

#### orders

- id, user\_id, total\_amount, status, created\_at
- createOrder(), cancelOrder()

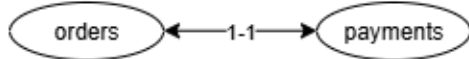
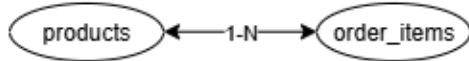
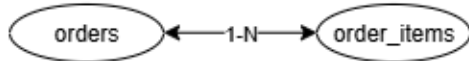
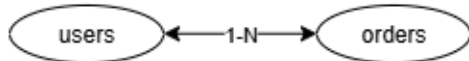
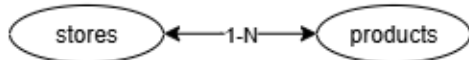
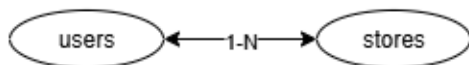
#### order\_items

- id, order\_id, product\_id, quantity, unit\_price

#### payments

- id, order\_id, payment\_method, status, paid\_at

### İlişkiler:



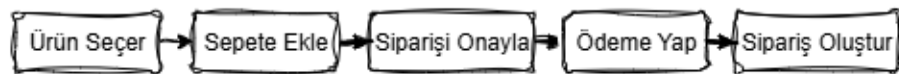
## Ardışıl Diyagram (Sequence Diagram)

### Sipariş Oluşturma

#### Nesneler:

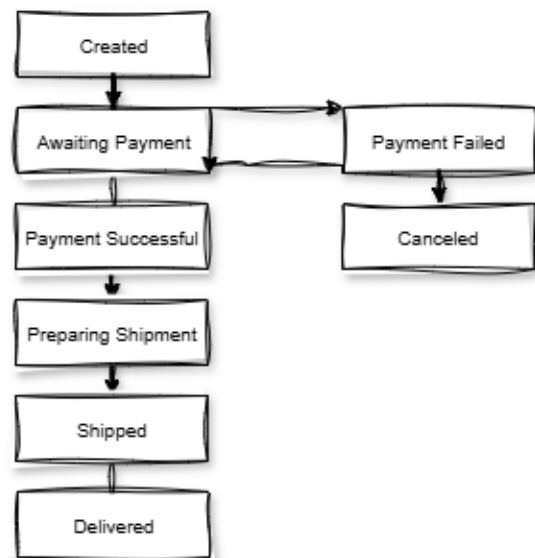
- Müşteri (UI)
- OrderController
- OrderService
- PaymentService
- Database

#### Akış:



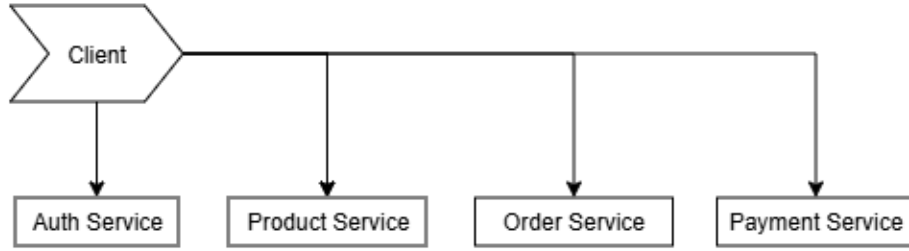
## Durum Diyagramı (State Machine Diagram)

### Sipariş Durumları:



# Topolojik Diagram (Dağıtım / Mimari Diyagram)

## Mikroservis + Katmanlı Mimari



## Veri Tabanı Tasarımı (ERD - Entity Relationship Diagram)

### Tablolar:

- users** (id, name, email, password\_hash, role, created\_at)
- stores** (id, user\_id, store\_name, status, created\_at)
- products** (id, store\_id, title, description, price, stock, status)
- orders** (id, user\_id, total\_amount, status, created\_at)
- order\_items** (id, order\_id, product\_id, quantity, unit\_price)
- payments** (id, order\_id, payment\_method, status, paid\_at)

Veri Tabanı

