**Interaction models**

**Use case**

**Sequence diagrams**

Tenant pays rent

Tenant System Payment

Gateway

Login

Display rent payment

Selects payment method

Enters payment details

Confirm payments

Processes payment

Authorizes payment

Payment success

Update payment status

Payment receipt

Property manager views the status of rent payments and generates receipt

Property manager System

Login

View rent payment status

Generate rent payment status

Rent payment report