**Sequence diagram**

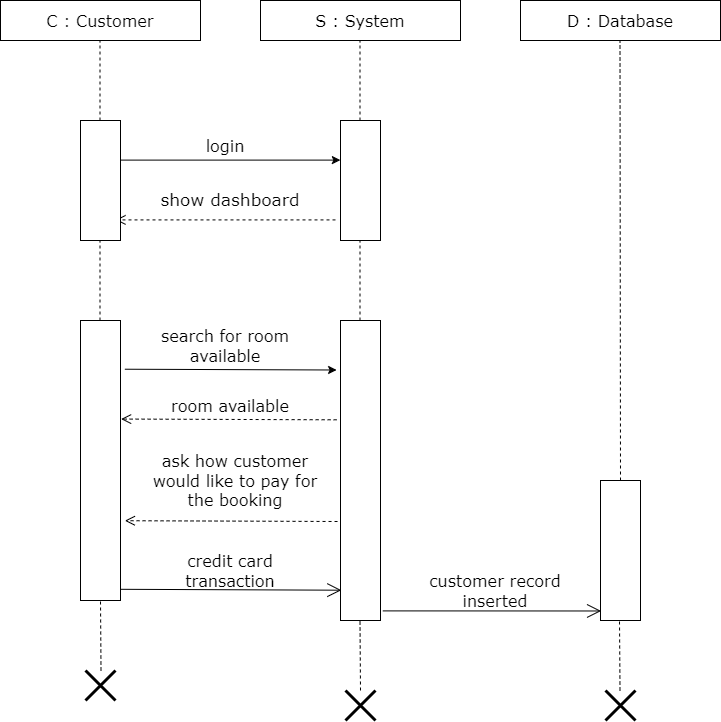
****

Figure 1.1 sequence diagram for room booking

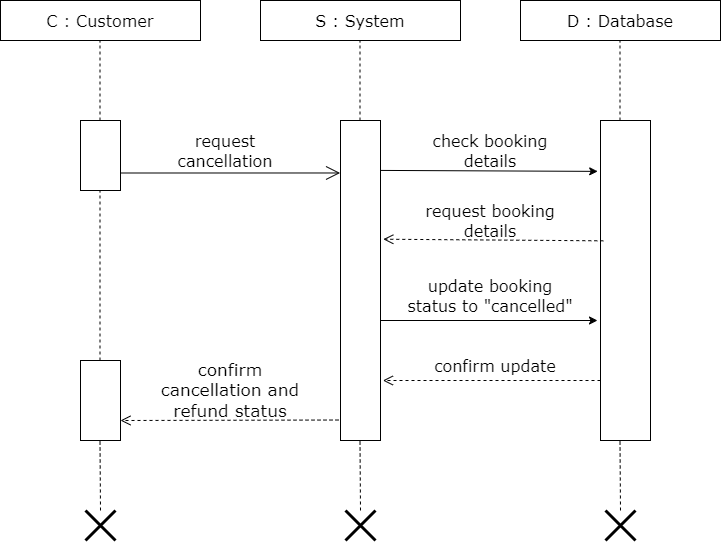
****

Figure 1.2 sequence diagram for cancel booking

**State diagram**

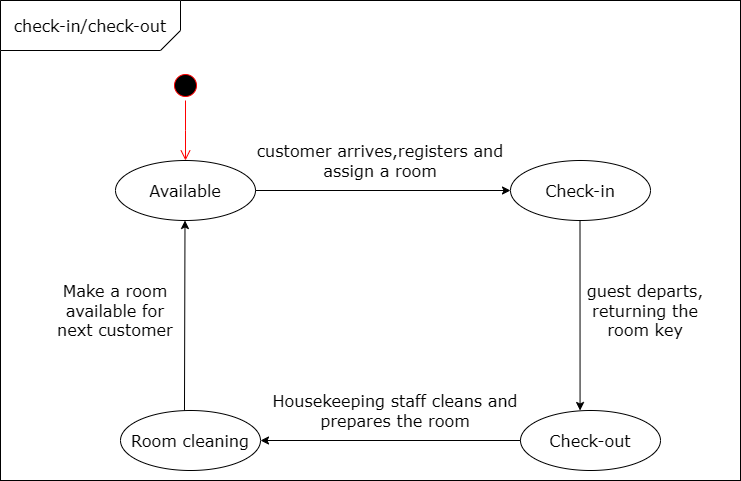
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Figure 2.1 state diagram for check-in / check-out