StateMachine1::StatechartDiagram1

Idle
do/wait for user interaction

system start

modify booking

room available == true

Reservation Handling
do/book room

reservation request

Check In Progress
do/checkIn
do/assign rooms
do/record customer info

when current time == check intime

extend stay

Room Occupied
do/guest stays
do/service active

Billing substate
do/accumulate charges

Guest Services Substate
do/Food order
do/house keeping

after check out time

Check out progress
do/process payment
do/generate bill

payment completed

Room cleaning
do/clean room

completion

Room available
do/check room available
do/update room status

after working hours == true

system shut down

System shutdown
do/DoActivity1

when maintenance required == true

Room maintenance
do/perform repairs or service checks

completion