

## Scheduler

if there exists Customer  $c$  in waiting customers

And Table  $t$  in tables is not occupied

And there is a waiter with waiter  $w$  // chooses waiter

$SitCustomer(c, t, ChooseWaiter(w))$  // Chooses waiter  
waiting customers.remove( $c$ )  
 $t.setOccupied(c)$

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## Actions

$SitCustomer(Customer\ c, Table\ t, Waiter\ w)$

$\in$  waiting customers.remove( $c$ )

$t.setOccupied(c)$

$w.SitAtTABLE(c, t)$