Tam Henry Le Nguyen Tuesday Thursday 11:20 Milestone v2A

LIST < My Customer> my customers; class My Customer 2 customer C; int table; String choice; enum state 2 waiting, ready To Order, Order Recieved, Order Sent, Delivering Meal, eating, leaving 5 State S=waiting; semaphore waiting For Order (0, true); Menu menu; Cook chef; host: Host string name; waiter Gui waiter Gui;

DATA

SCHEDULER

if there exists a my Customer in my Customers such that my Customer. S = waiting seat Customer (my Customer);

If there exists a my Customer in my Customens such that my Customer. S = ready To Order Take Order (my Customer);

If there exists a my Customer in my Customers such that my Customers, S = Order Recieved Send Order (my Customers, S = Order Recieved Send Order (my Customers);

If there exists a my Customer in my Customers such that my Customers. S = Delivering Meal Deliver Meal (my Customer);

If there exists a my Customer in my Customers such that my Customers. S = leaving;

Tell Host C my Customers. S = leaving;

Tell Host C my Customers.

please Seat Customer (customer cust, int table)

Emy Customers add (new my Customer (cust, table));

ready To Order (customer cust)

Emy Customers find (cust) . s = ready To Order;

Want To Order (string food, customer c)

Ewaiting For Order release();

my Customers find (cust) . choice = food;

my Customers find (cust) . s = Order Received;

Order Is Ready (string food, int table)

Emy Customers find (table) . s = Delivering Meal;

I Am Leaving (customer c)

Emy Customers find (c) . s = Leaving;

MESSAGES

ACTIONS

Seat Customer (my Customer mc) Oo Seat Customer (ma.c); Mc.c. follow Me(new Menu; this); Take Order (my Customer Mc) 5 Do GoToTable (metable); Mc.c. What Do You Want () waiting For Order acquire (); SendOrder(my Customer mc) § DoGo To Cook (chef); chef. please Cook (mc. choice, mc. table, this); MC. S = Order Sent; Delivermeallmy Customer mc) ¿ Do Go To Table (mc. table); mc. Hevels Your Weal (food cholce); Mc.s = eating; } TellHost (my Customer mc) 2 host table Is Free (mc. table);