Table Queue

• Track all the tables: status ("Busy" or "Ready"), table number, customer reservation number, number of seats • Send the information of the table to Table Manager if a table becomes "Ready" • Accommodate customers if receive confirm from Table Manager	• Table Manager

Table Manager

• Get the available table number and the maximum seats of the table when a table in table queue becomes "Ready" • Send the information of open table to Reservation Manager • Get "Confirm" information from Reservation Manager and set the status of active table from "Ready" to "Busy"	• Table Queue • Reservation Manager

Reservation

• Track Customer Name, Phone Number, # of people in the group	• Reservation Manager • Reservation Queue

Reservation Queue

- Get the first qualified reservation in the queue if Reservation Manager requests - Add a new reservation at the end of the queue if Reservation Manager creates a new reservation - Remove a reservation if the Reservation Manager sends out a remove request	- Reservation - Reservation Manager

Reservation Manager

- Create a new reservation and send the request to Reservation Queue - Remove a reservation from Reservation Queue if customers reply "Leave" - If Table Manager sends out a Ready table, match the first reservation which meets the seat number qualification and send messages to a customer - Send reservation number and customer numbers to Table Manager if customer CONFIRMS the table.	- Table Manager - Reservation Queue