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| --- | --- |
| Customer (Observer) | |
| Responsibility | Collaboration |
| Requests Table | TableManager |
| Gives information for reserving table |  |
| Receives notifications |  |
| Sends response |  |
|  |  |
|  |  |

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| --- | --- |
| TableManager (Observer) | |
| Responsibility | Collaboration |
| Adds new customers to waitlist | Customer |
| Looks for appropriate customer when table status is available. | Table |
| Sends message to customer |  |
| Gets response from customer |  |

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| --- | --- |
| Table (Subject) | |
| Responsibility | Collaboration |
| Checks table capacity | TableManager |
| Looks for status of table | TableAvailable |
| Sends notification to tablemanager | TableOccupied |

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| --- | --- |
| TableAvailable (State) | |
| Responsibility | Collaboration |
| When customer pays bill makes status to available from occupied | Table  Table Occupied |

|  |  |
| --- | --- |
| TableOccupied (State) | |
| Responsibility | Collaboration |
| When customer seats on table makes status to occupied from available. | Table  Table Available |