**Restaurant Management System**

**Author (s): \_\_Haseeb, Aiza, Ali\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_11 December 2019**

**Version: \_\_\_1.1\_\_\_\_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE NAME:** | Assign table | | **USE CASE TYPE** |
| **USE CASE ID:** | 4 | | **Business Requirements: 🗹** |
| **PRIORITY:** | High | |  |
|  | | |  |
| **PRIMARY BUSINESS ACTOR:** | Receptionist | | |
| **OTHER INTERESTED STAKEHOLDERS:** | Customer – interested in activity because they are being assigned a table in the restaurant. | | |
| **SHORT DESCRIPTION:** | In this case, the receptionist is able to assign a table to a guest. | | |
| **PRE-CONDITION:** | The receptionist is logged in and the guest is not currently on the waiting list. | | |
| **TRIGGER:** | When a customer needs to be a assigned a table. | | |
| **TYPICAL COURSE** | **Actor Action** | **System Response** | |
| **OF EVENTS:** | **Step 1**: Receptionist looks at the tables map on the system, selects a table and assigns a customer ID to it. | **Step 2**: System saves information and shows table with red color in the map to show it is now occupied. | |
| **ALTERNATE COURSES:** | **Alt-Step 1:** All tables are full. The guest is placed on the waiting list. | | |
|  | **Other Alt-Step 1:** The guest is on the waiting list. Receptionist informs them their number on the waiting list. | | |
| **CONCLUSION:** | The case is concluded when the guest is successfully assigned to a table. | | |
| **POST-CONDITION:** | The system registers the guest and table information. | | |
| **BUSINESS RULES:** | Only the receptionist can assign a table. | | |
| **IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:** | Staff can only add one guest to a table at a time. | | |
| **ASSUMPTIONS:** | Staff is available and trained | | |
| **OPEN ISSUES:** | In the case of an outage or a database issue, there could be some work done on a smaller temporary database that has an emergency power source so we are still able to serve patients | | |