# Feature Name Reserve Seating

## Feature Process Flow / Use Case Model

## Use Case(s)

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| **Use Case ID:** | 1.1.15 | | | |
| **Use Case Name:** | Reserve Seating | | | |
| **Created By:** | Phillip Hansen | | **Last Updated By:** | Jeff Stobb |
| **Date Created:** | 2018-10-25 | | **Last Revision Date:** | 2018-11-01 |
| **Actors:** | | Customer | | |
| **Description:** | | User can request to reserve seats online for a number of guests | | |
| **Trigger:** | | User will click ‘Reserve Seating’ online | | |
| **Preconditions:** | | 1. The number of seats requested must be available for the date it is reserved for. | | |
| **Postconditions:** | | 1. User sends information to be kept until the day of reservations take place | | |
| **Normal Flow:** | | 1. The screen will ask the User required information 2. Name of User, a phone number or email, date and time of reservations, and the amount of guests will be in the party 3. User will submit information to the System 4. System will make sure the amount of guests requested on the specified date do not equal more than the max amount of guest capacity 5. The System will send back a message that the reservations are successful | | |
| **Alternative Flows:**  **[Alternative Flow 1 – Not in Network]** | | The User hits ‘Cancel’ to cancel the operation, and return the user to the previous screen | | |
| **Exceptions:** | | 3a. If the number of guests are more than what is possible, the System will not allow information to be saved  3b. Notify the User that they must make reservations for another time or day, return User to Step 1 | | |
| **Includes:** | | [List any other use cases that are included (“called”) by this use case. Common functionality that appears in multiple use cases can be split out into a separate use case that is included by the ones that need that common functionality. e.g. steps 1-4 in the normal flow would be required for all types of ATM transactions- a Use Case could be written for these steps and “included” in all ATM Use Cases.] | | |
| **Frequency of Use:** | | While seats are available for the day requested | | |
| **Special Requirements:** | | Data Storage   1. Have a max-capacity for guests in the restaurant 2. If reservations are under max-capacity, subtract the amount of guests from max-capacity for a remaining availability | | |
| **Assumptions:** | | The User understands English  The guests that reserved the seating will be gone after two hours from the time of the reservation  User is logged in. User has permissions. | | |
| **Notes and Issues:** | | 1. N/A | | |