

ReserveWell	
Use Case UC11: Edit Capacity	Date: <21/12/23>

### **Version History Table**

Version	Date	Description
v1.0	23.11.2023	-
v1.1	02.12.2023	Special Requirements are updated according to review feedback. System interaction is added in the main success scenario. Technology and Data Variations List part is removed, as it is not required in UP format
v1.2	16.12.2023	Main Scenario is re-written including user intentions.
v1.3	21.12.2023	Details describing UI are removed.

## Use Case UC11: Edit Capacity

**Scope:** ReserveWell Application

**Level:** user goal

**Primary Actor:** Restaurant Manager

### **Stakeholders and Interests**

- Restaurant Manager: Wants to adapt to dynamic demand conditions, optimize operational efficiency, ensure competitiveness, and better plan workforce allocation.
- Waitstaff: Wants predictable schedules, fair distribution of shifts, and timely communication about changes to working hours to ensure a healthy work-life balance.
- Diners (Customers): Wants awareness of any changes in the restaurant's operating hours to plan their visits, accordingly, reducing inconvenience.
- Restaurant Owners: Wants accurately recorded edits. Has an interest in increased reservations, cost-effective operations, adaptability to market trends, maximizing revenue, and maintaining a positive reputation.
- Development Team: Wants to ensure the reliability and stability of the system during and after capacity edits, real-time updates, mobile responsiveness, and security measures to protect sensitive data.

### **Preconditions:**

- The restaurant manager is logged into the ReserveWell Application,
- The restaurant manager has administrator authorization.

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#### **Success Guarantee (or Postconditions):**

- The restaurant manager sees the updated value, the new values are valid for the whole system and used for upcoming transactions.

#### **Main Success Scenario (or Basic Flow):**

1. The system displays the home page.
2. The restaurant manager wants to customize operations information
3. The system displays the current seating capacity.
4. The restaurant manager wants to change capacity.
5. The system enables adjusting the seating capacity.
6. The restaurant manager enters the desired capacity and updates the capacity.
7. The system asks to confirm changes.
8. The restaurant manager confirms the changes.
9. The system displays an update message.

#### **Extensions (or Alternative Flows):**

\*a. At any time, the restaurant manager needs to abandon the process:

1. The restaurant manager quits the page.
2. The system asks to discard changes, review changes, save changes, or cancel quitting.
  - 2a. The restaurant manager selects "discard changes".
    1. The system reconstructs the prior state and displays the capacity page.
  - 2b. Restaurant manager reviews the changes.
    1. The restaurant manager chooses to discard changes.  
The system reconstructs the prior state.
    2. The restaurant manager chooses to save changes.  
The system updates related data in real time.
    3. The restaurant manager chooses to cancel quitting.  
The system returns to the edit capacity page, where the restaurant manager left before quitting.
  - 2c. The restaurant manager saves the changes.
    1. The system displays a "Capacity Updated" message and updates related data in real-time.  
The system displays the home page.
  - 2d. Restaurant manager cancels quitting.
    1. The system returns to the edit capacity page, where the restaurant manager left before quitting.

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\*b. At any time, the system fails:

To support recovery and correct updates, ensure all transaction-sensitive states and events can be recovered from any step of the scenario.

1. The restaurant manager restarts the system.
2. The system reconstructs the prior state.
  - 2a. System detects anomalies preventing recovery:
    1. The system signals an error to the Restaurant manager, records the error, and enters a clean state.
    2. Records are automatically sent to support executives for review.
    3. The system displays the home page.

#### **Special Requirements:**

- The capacity history and logs should be kept to review the changes history.

**Frequency of Occurrence:** Could be nearly continuous.

#### **Open Issues:**

- Determine the design details for a clear and user-friendly customization page.