

## **Use Case UC7: Register**

**Scope: ReserveWell Application**

**Level: user goal**

**Primary Actor: Restaurant Manager**

### **Stakeholders and Interests:**

- Restaurant Manager: Needs to manage reservations effectively and ensure a smooth dining experience.
- Development Team: Wants the customer to make the restaurant reservation correctly. Need to ensure system's stability, scalability, security, and adherence to best practices.

### **Preconditions:**

- The reservation system is operational.
- Restaurant manager has the company e-mail address.
- The restaurant manager has a stable internet connection.

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

- The restaurant manager has successfully completed the registration.

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

1. Restaurant manager enters the web site.
2. Restaurant manager clicks "Register" button.
3. Restaurant manager selects the restaurant which his/hers.
4. Restaurant manager enters his/her name and surname.
5. Restaurant manager enters his/her company e-mail.
6. Restaurant manager enters his/her phone number.
7. Restaurant manager enters the password he/she wants to use.
8. Restaurant manager completes the registration with the "Register" button.
9. System sends a confirmation e-mail to the Restaurant manager's company e-mail address.
10. System redirects the restaurant manager to the main screen.

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

\*a. At any time, System fails:

1. Restaurant manager restarts System, and requests recovery of prior state.
2. System reconstructs prior state
  - 2a. System detects anomalies preventing recovery:
    1. System signals error to the Restaurant manager, records the error, and enters a clean state.
    2. Restaurant manager starts to registration.

10a. Restaurant manager cannot confirmation e-mail due to wrong information.

1. Restaurant manager clicks "Register" button.
2. Restaurant manager selects the restaurant which his/hers.
3. Restaurant manager enters his/her name and surname.

4. Restaurant manager enters his/her company e-mail.
5. Restaurant manager enters his/her phone number.
6. Restaurant manager enters the password he/she wants to use.
7. Restaurant manager completes the registration with the "Register" button.
8. System sends a confirmation e-mail to the Restaurant manager's company e-mail address.

*The Restaurant manager repeats steps 1-8 until he/she is verified.*

#### **Special Requirements:**

- The system must ensure data security and protect Waitstaff's personal information.
- ReserveWell can implement a verification process to ensure that the company email provided by the Waitstaff belongs to the specified restaurant
- The system must use to secure connections (SSL/TLS) to encrypt data transmitted during the registration process and protect it from potential security threats.

#### **Technology and Data Variations List:**

- 1.The web site is supported by all browsers.
- 3-7. Database encryption is implemented to safeguard sensitive information, such as passwords and personal details, stored in the system.
9. Confirmation notification can be sent via email.

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

#### **Open Issues:**

- Design the registration system to be scalable, accommodating an increasing number of Waitstaff registrations without compromising performance.
- Determine password complexity requirements and security measures to ensure the protection of Waitstaff accounts.
- Validate the registration form fields to ensure that the provided information is accurate and meets the required criteria.