

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.

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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.