

Use Case UC14: Register

Scope: ReserveWell Application

Level: user goal

Primary Actor: Waitstaff

Stakeholders and Interests:

- Waitstaff: Wants to provide efficient and high-quality service to customers. They need the ability to arrange tables' physical availability according to reservations updates.
- System Administrator: Responsible for maintaining and monitoring the reservation system.
- 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.
- Waitstaff has the company e-mail address.
- The Waitstaff has a stable internet connection.

Success Guarantee (or Postconditions):

- The Waitstaff has successfully completed the registration.

Main Success Scenario (or Basic Flow):

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

Extensions (or Alternative Flows):

*a. At any time, System fails:

1. The waitstaff 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 waitstaff, records the error, and enters a clean state.
 2. Waitstaff starts to registration.

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

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8. System sends a confirmation e-mail to the Waitstaff's company e-mail address.

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.
10. 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.