

ReserveWell	V1.1
Use Case UC1: Register	Date: <30/11/23>

## Use Case UC1: Register

### Version History Table

Version	Date	Description
v1.0	26.11.2023	-
v1.1	30.11.2023	<ul style="list-style-type: none"> <li>Special requirements part is removed, since there is no special requirements for this use case.</li> <li>Open issues part are updated.</li> </ul>
V1.2	15.11.2023	<ul style="list-style-type: none"> <li>MSS is revised according to realized application.</li> </ul>

**Scope:** ReserveWell Application

**Level:** user goal

**Primary Actor:** Diner

#### Stakeholders and Interests:

- Diner: Wants to make a reservation at the restaurant efficiently and conveniently.
- Restaurant Manager: Needs to manage reservations effectively and ensure a smooth dining experience.
- 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.
- The diner has a stable internet connection.

#### Success Guarantee (or Postconditions):

- The diner has successfully completed the registration.

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

1. Diner enters the web site.
2. Diner clicks "Register As a Diner" button.
3. Diner enters his/her name and surname.
4. Diner enters the password he/she wants to use.
5. Diner enters his/her e-mail.
6. Diner completes the registration with the "Register" button.
7. System sends a confirmation e-mail to the diner's e-mail address.

8. System creates a new user and redirects the diner to the main screen.

**Extensions (or Alternative Flows):**

\*a. At any time, System fails:

1. Diner 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 Diner, records the error, and enters a clean state.
    2. Diner starts to make the registration.

5a. Diner's e-mail cannot be verified by the system:

1. System gives a warning due to wrong e-mail.
2. *The Diner enters the e-mail again.*

*The diner repeats steps 1-2 until he/she get verified.*

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

**Open Issues:**

- Determine which languages will be supported by the ReserveWell.
- Determine there will be any advantage for the diners who have membership.
- Determine password complexity requirements and security measures to ensure the protection of accounts.