

## ReserveWell Test Cases: UseCase 1

### UseCase1: Making a Reservation

| Test Case ID | Test Case Name                                   | Description  | Pre-conditions  | Post-conditions  | Data required   |
|--------------|--|--|---|--|---|
| TC1-1        | Diner can make a reservation for a single person | Ensure that the system allows a diner to make a reservation for a single person. | - The reservation system is operational. - The diner has a stable internet connection. - The diner has selected a restaurant.   | - The diner has successfully completed a reservation for a single person. - The reservation information, including the restaurant location, date, time, and the number of guests (1), is stored in the restaurant's reservation system. - A unique reservation ID is generated and associated with the diner's reservation. - The diner receives a confirmation, sent to their email or phone number, with the reservation details. - The reservation system is updated with the new reservation, making the reserved table or dining area unavailable to other diners during the specified date and time. | Restaurant information, diner information (name, email or phone number), reservation details (date, time, number of guests) |
| TC1-2        | Diner can make a reservation for multiple people | Ensure that the system allows a diner to make a reservation for multiple people. | - The reservation system is operational. - The diner has a stable internet connection. - The diner has selected a restaurant. - The diner has entered the number of guests (2 or more). | - The diner has successfully completed a reservation for multiple people. - The reservation information, including the restaurant location, date, time, and the number of guests, is stored in the restaurant's reservation system. - A unique reservation ID is generated and associated with the diner's reservation. - The diner receives a confirmation, sent to their email or phone number, with the reservation details. - The reservation system is updated with the new reservation, making the reserved table or dining area unavailable to other diners during the specified date and time.     | Restaurant information, diner information (name, email or phone number), reservation details (date, time, number of guests) |

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|-------|---|---|--|---|---|
| TC1-3 | Diner can make a reservation for a restaurant with a group size exceeding the maximum | Ensure that the system allows a diner to make a reservation for a restaurant with a group size exceeding the maximum. | - The reservation system is operational. - The diner has a stable internet connection. - The diner has selected a restaurant with a maximum group size. - The diner has entered the number of guests (exceeding the maximum group size). | - The diner has successfully completed a reservation for a restaurant with a group size exceeding the maximum, with additional charges. - The reservation information, including the restaurant location, date, time, the number of guests stored in the restaurant's reservation system. | reservation details (date, time, number of guests)  |
| TC1-4 | System can handle incorrect diner information   | Ensure that the system can handle incorrect diner information and prompt the diner to correct it.                     | - The diner enters incorrect information during the reservation process. - The reservation system detects the incorrect information.   | - The system prompts the diner to correct the incorrect information. - The diner can successfully update their information and complete the reservation process.  | Diner information (name, email or phone number), reservation details (date, time, number of guests) |