

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 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 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)
TC1-3	Diner can make a reservation for a restaurant with a group size	Ensure that the system allows a diner to make a reservation for a	- The reservation system is operational. - The diner has a stable internet connection. - The diner has selected a	- The diner has successfully completed a reservation for a restaurant with a group size exceeding the maximum, with additional charges. - The reservation	reservation details (date, time, number of guests)

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	exceeding the maximum	restaurant with a group size exceeding the maximum.	restaurant with a maximum group size. - The diner has entered the number of guests (exceeding the maximum group size).	information, including the restaurant location, date, time, the number of guests stored in the restaurant's reservation system.	
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)