USE CASE DOCUMENT :

As a customer I want to book a table without any reservation

**Use Case name:** Clients with no reservation

**Actors:**

* Customer
* Restaurant

**Triggers:**

The customer asks for a table on site without any reservation.

**Preconditions:**

The customer is in front of the restaurant and asks for a table.

**Post conditions:**

The restaurant gives a free table.

The table has been booked into the system.

**Normal Flow:**

1. The customer asks for a table without any reservation
2. The restaurant checks if there is a free table for his request.
3. The system shows all the available tables at given times
4. The restaurant confirms the availability of the request
5. The restaurant welcomes the customer to the restaurant
6. The restaurant saves the table booked in the system

**Alternate Flows:**

**3A1:** The restaurant is full for this day.

1. The system shows all the available tables at this time
2. The table is not available at any time on this day
3. The restaurant declines the request

**3A2**: **:** The restaurant is full for this time, so the restaurant proposes other options that the client does not accept

1. The system shows all the available tables at given times
2. The table is not available at the time requested, the restaurant proposes alternative choices
3. The customer does not find other suitable options and declines his request.

**3A122123**: The restaurant is full for this time, so the restaurant proposes other options that the client accepts

1. The system shows all the available tables at given times
2. The table is not available at the time requested, the restaurant proposes alternative choices
3. The customer finds a suitable option and confirms his booking.
4. The restaurant saves the table booked in the system

**3A122123:** The restaurant is available for this time, but with conditions that the client accepts.

1. The system shows all the available tables at given times
2. The table is available at the time requested, but shows that other clients have booked this table for later
3. The restaurant proposes the condition to the customer (that he has to free the table at a given time)
4. The customer finds this option good enough.
5. The restaurant welcomes the customer
6. The restaurant saves the table booked in the system

**3A122123:** The restaurant is available for this time, but with conditions that the client declines.

1. The system shows all the available tables at given times
2. The table is available at the time requested, but shows that other clients have booked this table for later
3. The restaurant proposes the condition to the customer (that he has to free the table at a given time)
4. The customer declines the option.

**Conclusion:**

This example of use shows how a customer can book a table on site without a reservation. First, the client asks for a table. Then, the restaurant checks whether the reservation can be accepted or not based on the reservations that the system has already recorded.