

Restaurant

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1. Employee login

Priority:	1
Pre-conditions:	Employee is not logged in
Post-conditions:	Employee is logged in
Primary Actor:	Employee
Other Actions:	-
Trigger:	-

1 Main Scenario

1. System displays login screen
2. Employee enters his/her identification code
3. System validates code
4. System displays employee's menu

2 Extensions

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3 Alternatives

- 3a System does not validate code
- 3b System displays login error message
- 3c System returns to login screen

2. Employee logout

Priority:	1
Pre-conditions:	Employee is logged in
Post-conditions:	Employee is not logged in
Primary Actor:	Employee
Other Actions:	-
Trigger:	-

1 Main Scenario

1. System displays employee's menu
2. Employee selects log out option
3. System displays login screen

2 Extensions

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3 Alternatives

-

3. Accommodate a client

1

Priority:	1
Pre-conditions:	Receptionist is logged
Post-conditions:	-
Primary Actor:	Receptionist
Other Actions:	-
Trigger:	-

1 Main Scenario

1. System displays receptionist's menu
2. Receptionist selects "accommodate client" option
3. System asks for client's reservation
4. Receptionist informs that this client has no reservation
5. System asks for number of people
6. Receptionist informs a number n of people
7. System selects free tables with at least n seats²
8. System displays selected tables
9. Receptionist selects a table
10. System tags table as occupied and waiting for service
11. System informs the sector waiter(s) that the table is waiting for service

2 Extensions

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¹Future: create wait list for tables

²at this moment, the system includes in the search any reserved table whose client more than 30 minutes late and that fits the search. The table is automatically tagged as not reserved

3 Alternatives

3a Receptionist cancels selected option

3b System displays receptionist's menu

4a Receptionist informs that this client has a reservation

4b System displays a list of valid reservations, ordered by client's name and reservation time

4ca1 Receptionist finds client's reservation

4ca2 Receptionist selects client's table

4ca3 Continues at step 10 in the main scenario

4cb1 Receptionist does not find client's reservation

4cb2 Continues at step 4 in the main scenario

5a Receptionist cancels selected option

5b System displays receptionist's menu

6a1 Informed number of people is invalid³

6a2 System displays corresponding error message

6a3 Continues at step 5

6b1 System informs receptionist that there are no tables available

6b2 System displays receptionist's menu

8a Receptionist cancels selected option

8b System displays receptionist's menu

³not a number; or $n \leq 0$; or n is greater than the capacity of the biggest table

4. Reserving a table

Priority:	1
Pre-conditions:	Receptionist is logged in
Post-conditions:	-
Primary Actor:	Receptionist
Other Actions:	-
Trigger:	-

1 Main Scenario

1. System displays receptionist's menu
2. Receptionist selects "reserve table" option
3. System asks for date, hour and number of guests for the reservation
4. Receptionist informs date D , hour H and number N of desired guests
5. System selects tables that have at least N seats which are also free at the day D and hour H
6. System displays selected tables
7. Receptionist selects a table
8. System displays reservation and asks for confirmation
9. Receptionist confirms reservation
10. System tags the table as reserved at day D and hour H
11. System displays receptionist's menu

2 Extensions

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3 Alternatives

1

- 3a Receptionist cancels selected option
- 3b System displays receptionist's menu

¹Future: option to display other tables at near times when no available ones are found

5a There are no tables available for N guests at the day D and hour H

5b System informs receptionist that there are no available tables

5c System asks for a new number N of guests  

6a Receptionist cancels selected option

6b System displays receptionist's menu

9a Receptionist does not confirm reservation

9b System displays selected tables  

5. Cancel a reservation

Priority:

Pre-conditions: Receptionist is logged in
There must be a reserved table

Post-conditions:

Primary Actor:

Other Actions:

Trigger:

1 Main Scenario

- 1.
- 2.
- 3.
- 4.

2 Extensions

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3 Alternatives

- 3a
- 3b
- 3c