

Client

Peter:User

↓ 1.1 search(TumMensa)
2.1 selectRestaurant(TumMensa)
3.1 createReservation(TumMensa, 14/06/22, peter@me.com)

RestaurantOverview:RestaurantOverview
selectRestaurant(Restaurant r)
getRestaurants()
search(String s)

↓ 1.3 displayRestaurants()
2.4 displayDetails(TumMensa)

ReservationSystemUI:ReservationSystemUI
displayRestaurants(Restaurant[] r)
displayDetails(Restaurant r)

1.2 getSearchResults(String s) ↑
2.2 getDetails(TumMensa)

3.2 createReservation(TumMensa, 14/06/22, peter@me.com)

Server

RestaurantController
+ getSearchResults(String s)

2.3 getDetails()
→

TUMMensa:Restaurant
passReservation(Reservation r, User u)
cancelReservation(Reservation r)
checkAvailability(Date d)
getDetails()

ReservationController
+ createReservation (Restaurant r, Date d, Email e)

3.3 checkAvailability(14/06/22)
→

EmailService:EmailService
confirmReservation()
confirmCancellation()
verifyEmail()
sendEmail(User u, Message m)

4.1 sendEmail (Peter, "Confirm")
←

↓ 3.4 createReservation(TumMensa, 14/06/22, peter@me.com)

Reservation:Reservation
createReservation(Restaurant r, Date d, Email e)
confirmReservation()
verifyEmail()
saveCalendarEvent()
confirmCancellation()