



admin

foodReservation:approveFoodPrice

request

u = User.findAdmin();

alt

u != null

u.lastActivity = getCurrentDateTime();

bool = User.update(u);

alt

bool == false

msg("unsuccessful")

bool = true

foodList

priceAppovementList

foodList =
Food.findAll().
where(isApproved == false);

result = Food.update(foodList);

alt

result == true

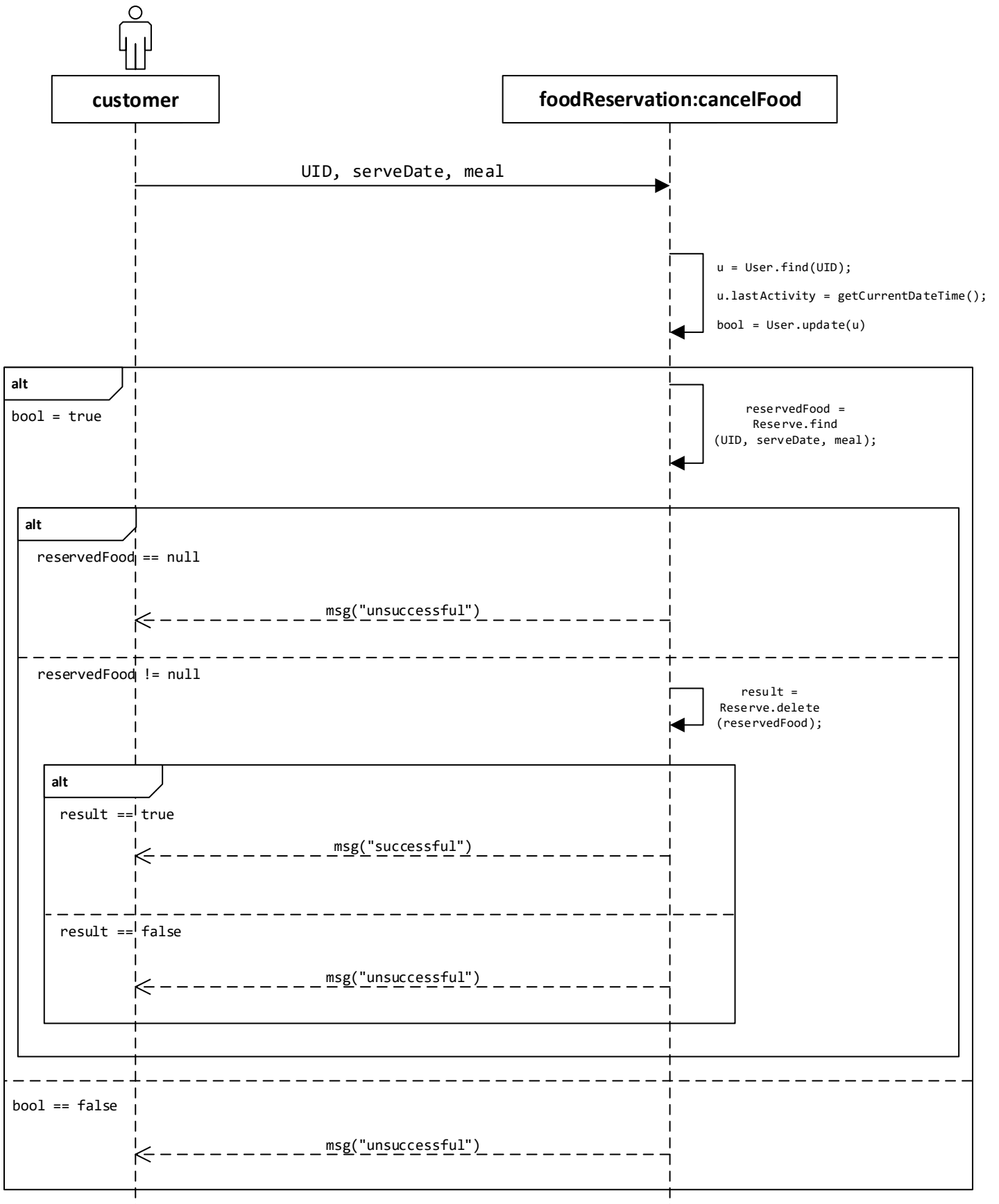
msg("successful")

result == false

msg("unsuccessful")

u == null

msg("unsuccessful")





theKitchen

foodReservation:determineFood

foodName, price

u = User.findTheKitchen();

alt

u != null

u.lastActivity = getCurrentDateTime();
bool = User.update(u);

alt

bool == false

msg("unsuccessful")

bool = true

f = Food.find(foodName);

alt

f == null

result = Food.insert
(foodName, price, false);

alt

result == true

msg("new food inserted successfully")

result == false

msg("unsuccessful")

f != null

result = Food.update
(foodName, price, false);

alt

result == true

msg("new food updated successfully")

result == false

msg("unsuccessful")

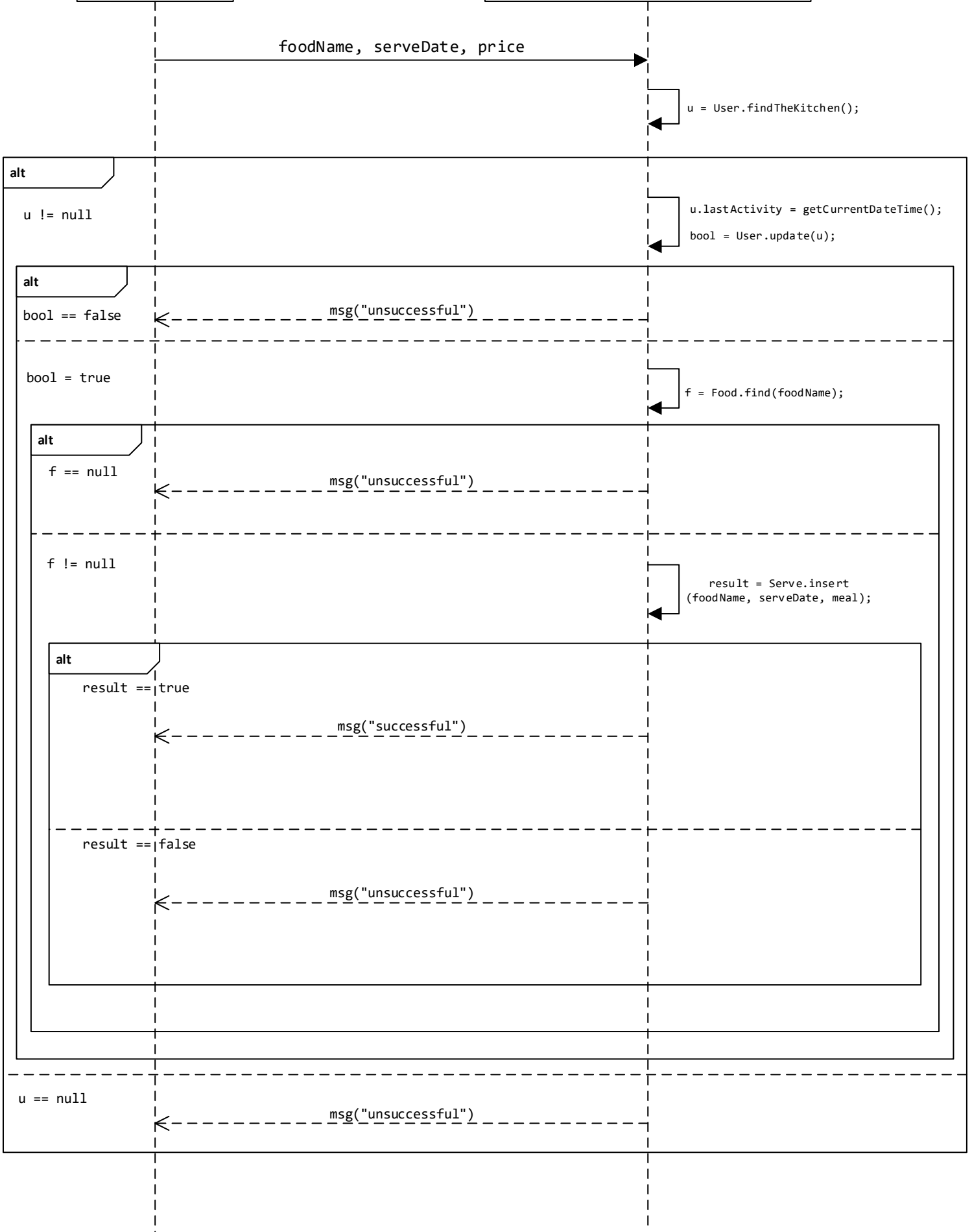
u == null

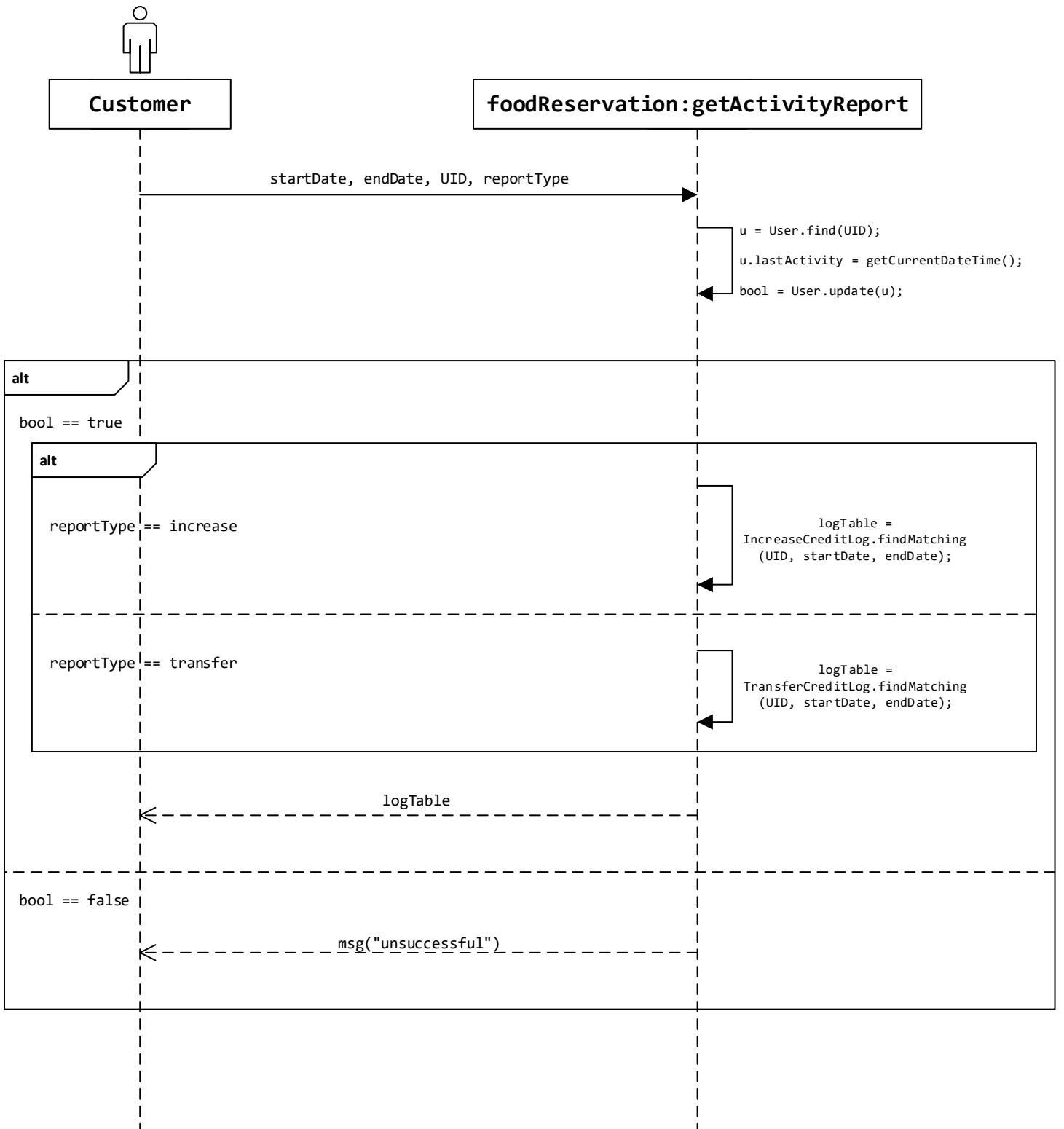
msg("unsuccessful")

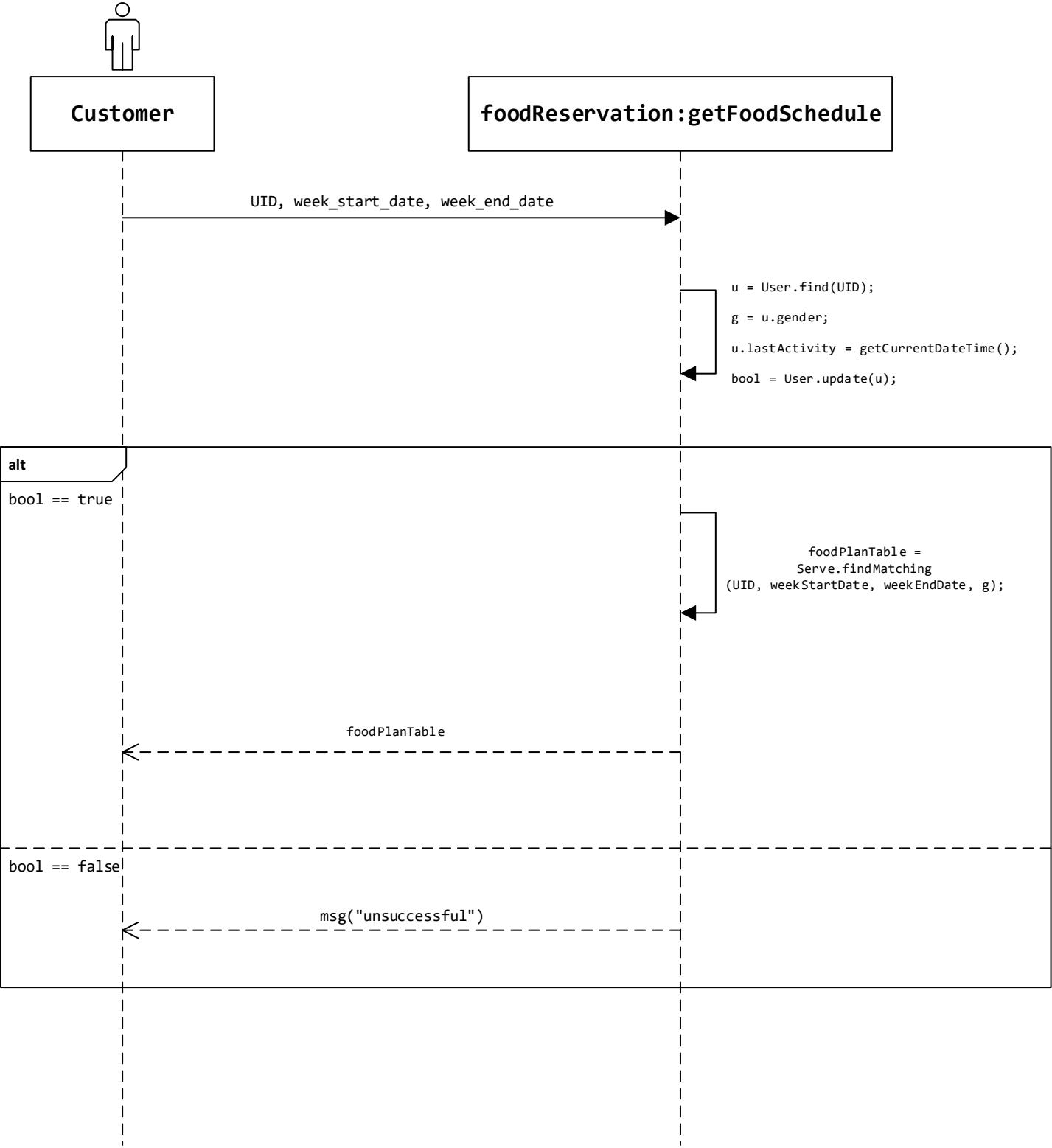


theKitchen

foodReservation:determineFoodPlan









theKitchen

foodReservation:getFoodStatistics

startServeDate, endServeDate

u = User.findTheKitchen();

alt

u != null

u.lastActivity =
getCurrentDateTime();
bool = User.update(u);

alt

bool == true

reserveTable =
Reserve.findMatching
(startServeDate, endServeDate);

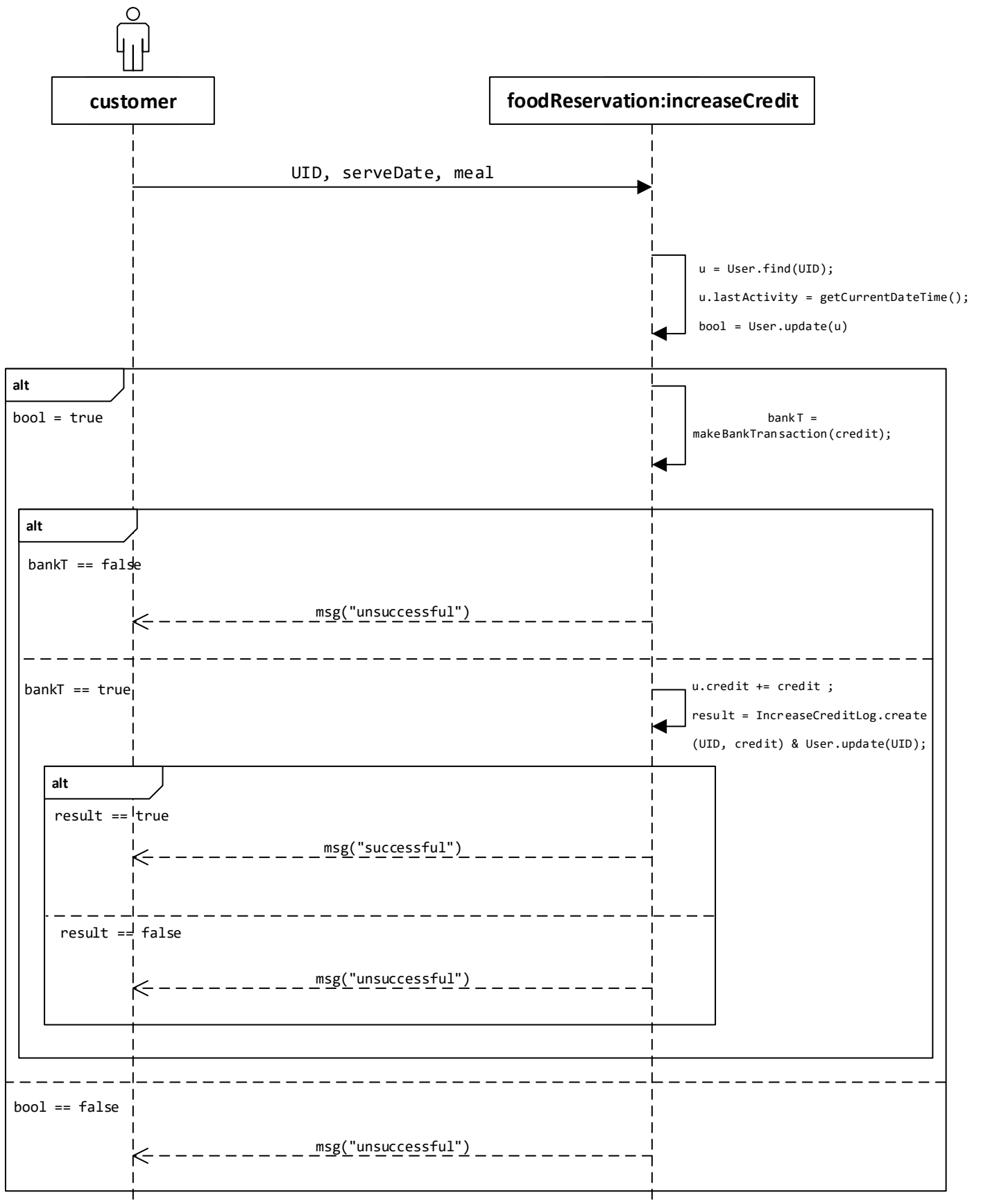
reserveTable

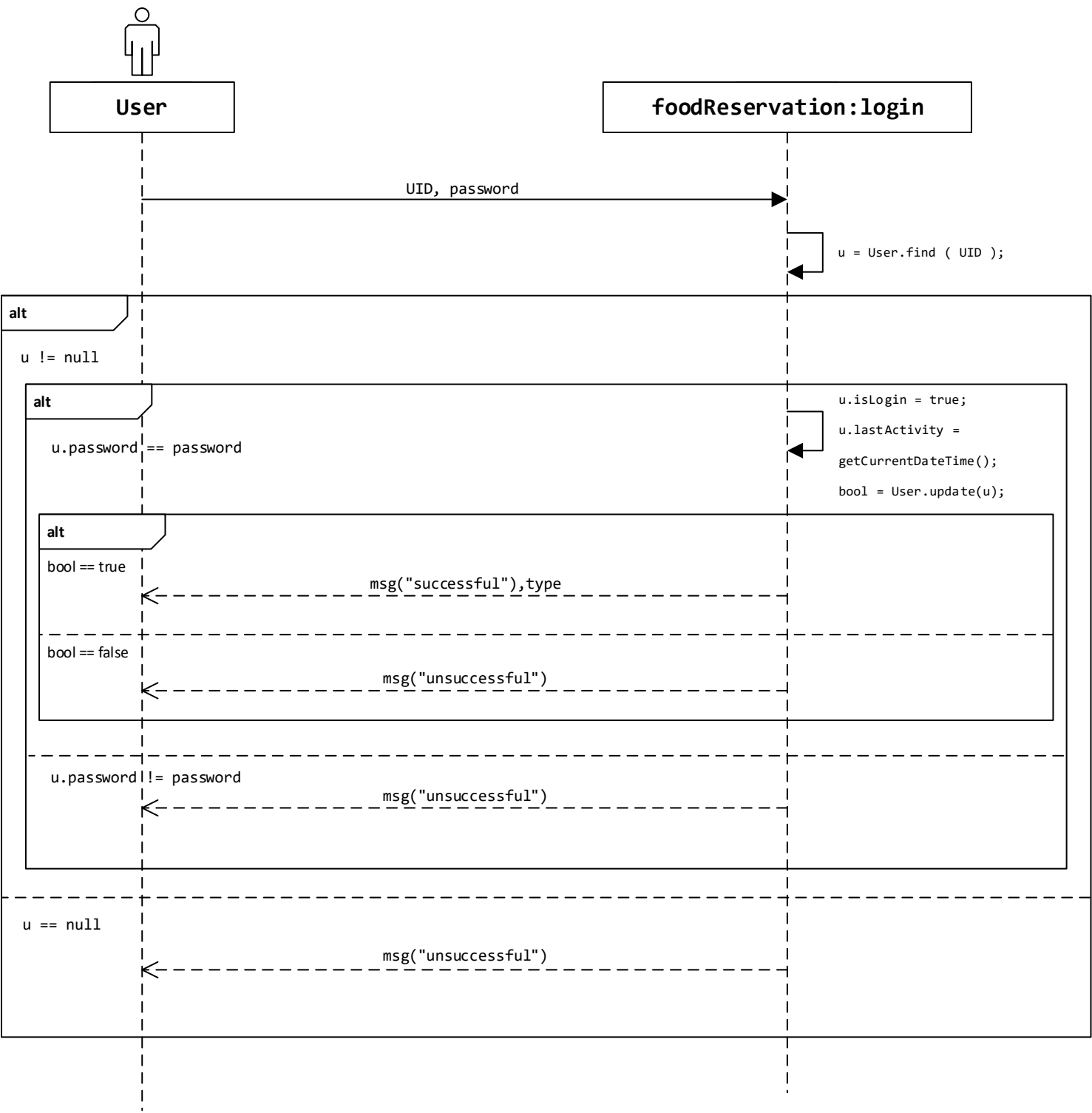
bool == false

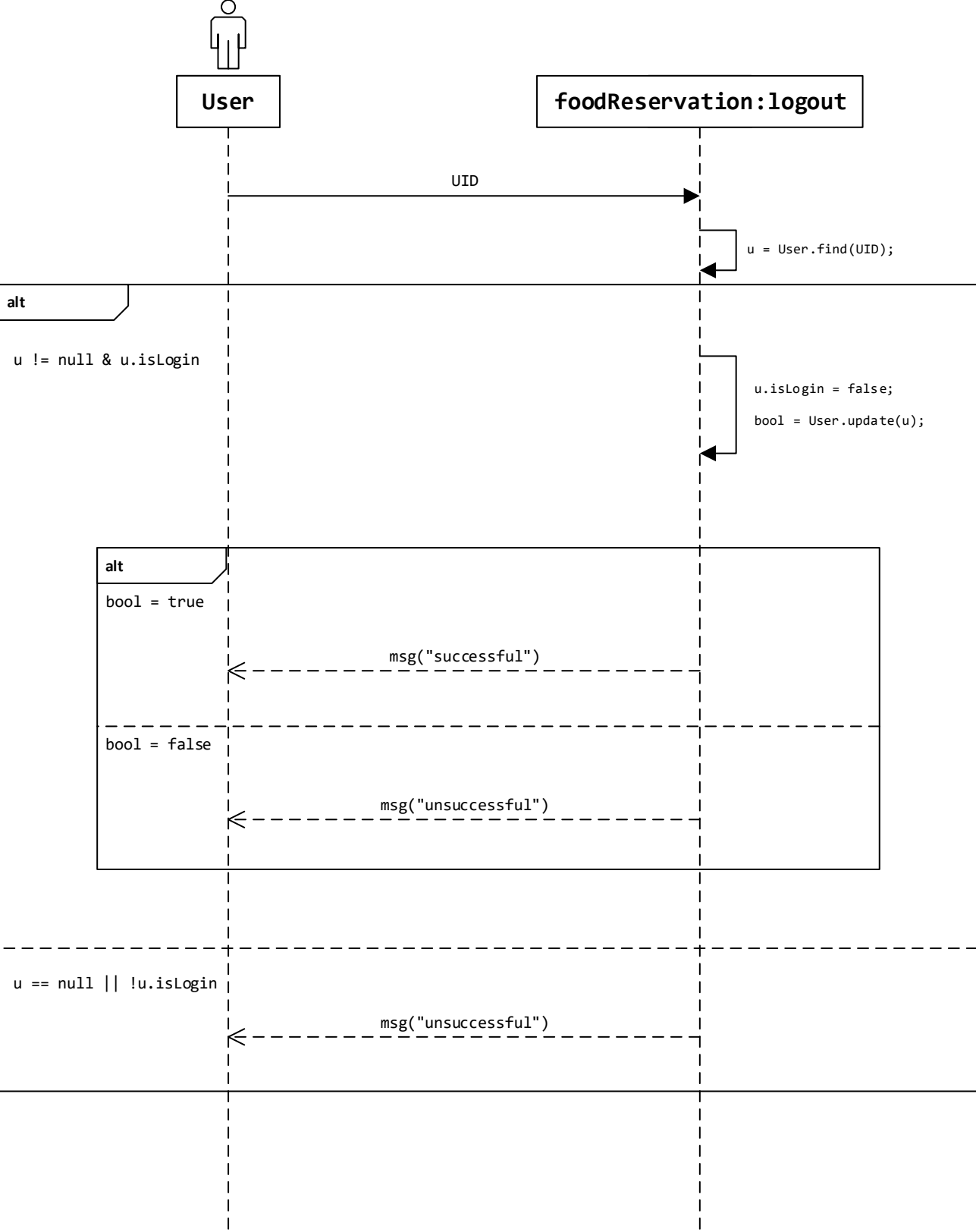
msg("unsuccessful")

u == null

msg("unsuccessful")









Admin

registerUser

UID, name, password, gender

u = User.findAdmin();

alt

u != null

u.lastActivity = getCurrentDateTime();
result = User.update(u) &
User.insert(UID , password , name , gender);

alt

result == true

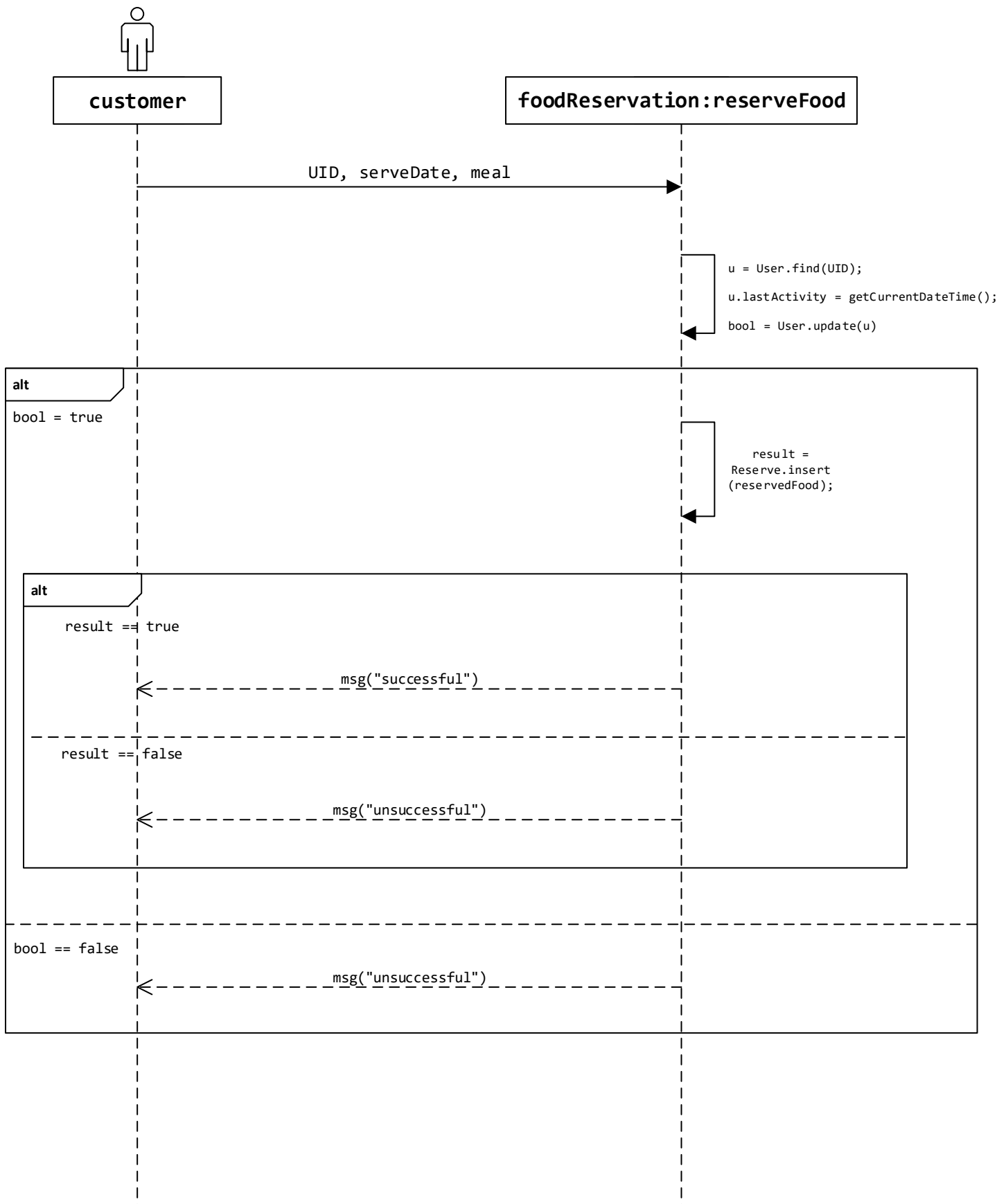
msg("successful")

result == flase

msg("unsuccessful")

u == null

msg("unsuccessful")





customer

foodReservation:cancelFood

UID, serveDate, meal

```
src = User.find(srcUID);  
dst = User.find(destUID);  
src.lastActivity = getCurrentDateTime();  
bool = User.update(src);
```

alt

bool = true

```
valid =  
src == null ||  
dst == null ||  
src.credit < amount
```

alt

valid == true

msg("unsuccessful")

valid == false

```
src.credit -= amount;  
dst.credit += amount;  
result = User.update(src)&  
User.update(dst)&  
TransferCreditLog.insert  
(src, dst, amount);
```

alt

result == true

msg("successful")

result == false

msg("unsuccessful")

bool == false

msg("unsuccessful")