



admin

foodReservation:approveFoodPrice

request

u = User.findAdmin();

alt

u != null

u.lastActivity = getCurrentDateTime();

bool = User.update(u);

bool == false

msg("unsuccessful")

bool = true

foodList

priceAppovementList

result = Food.update(foodList);

alt

result == true

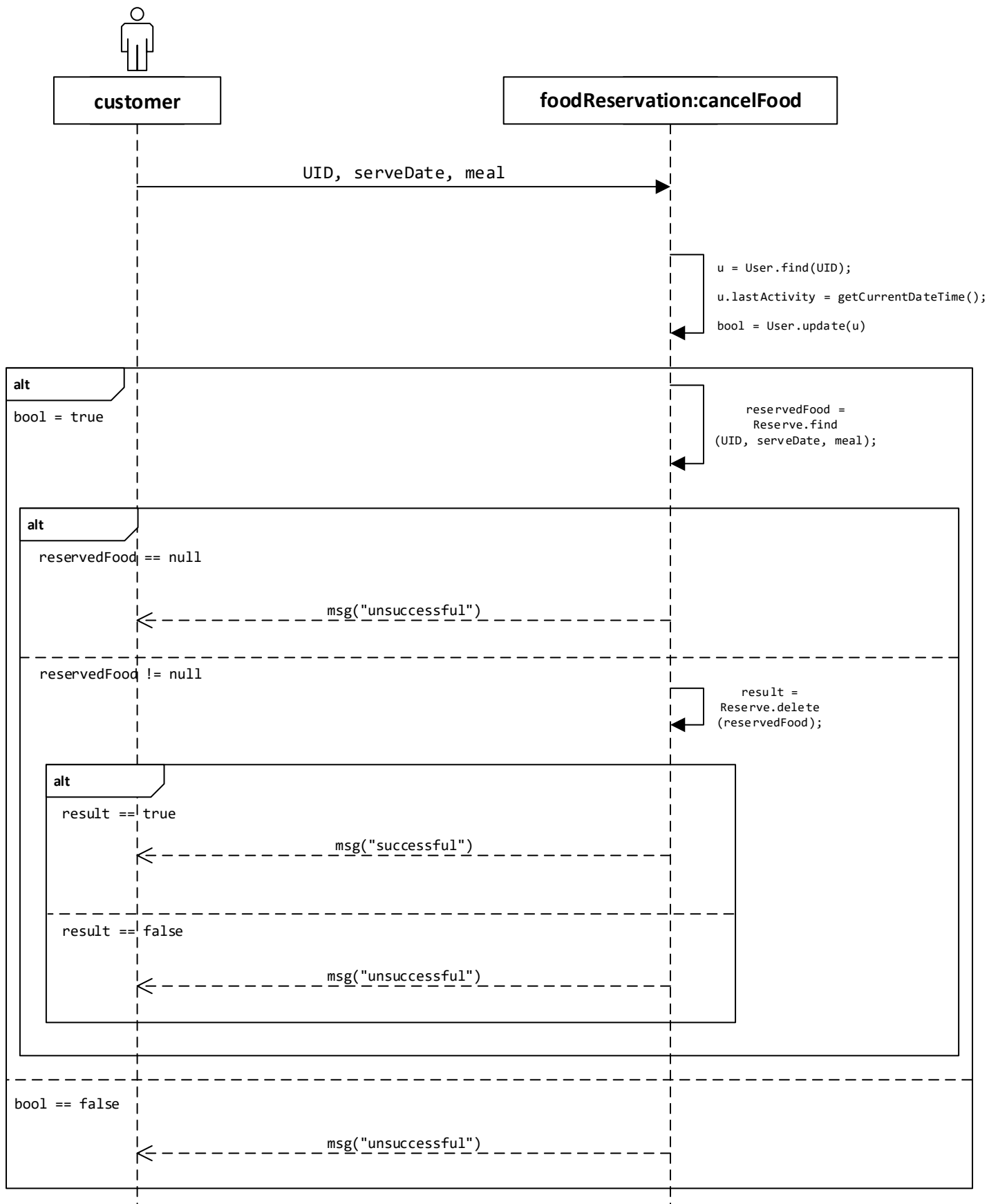
msg("successful")

result != false

msg("unsuccessful")

u == null

msg("unsuccessful")





theKitchen

foodReservation:determineFood

foodName, price

u = User.findTheKitchen();

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

bool == false

msg("unsuccessful")

bool = true

f = Food.find(foodName);

f == null

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

result == true

msg("new food inserted successfully")

result == false

msg("unsuccessful")

f != null

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

result == true

msg("new food updated successfully")

result == false

msg("unsuccessful")

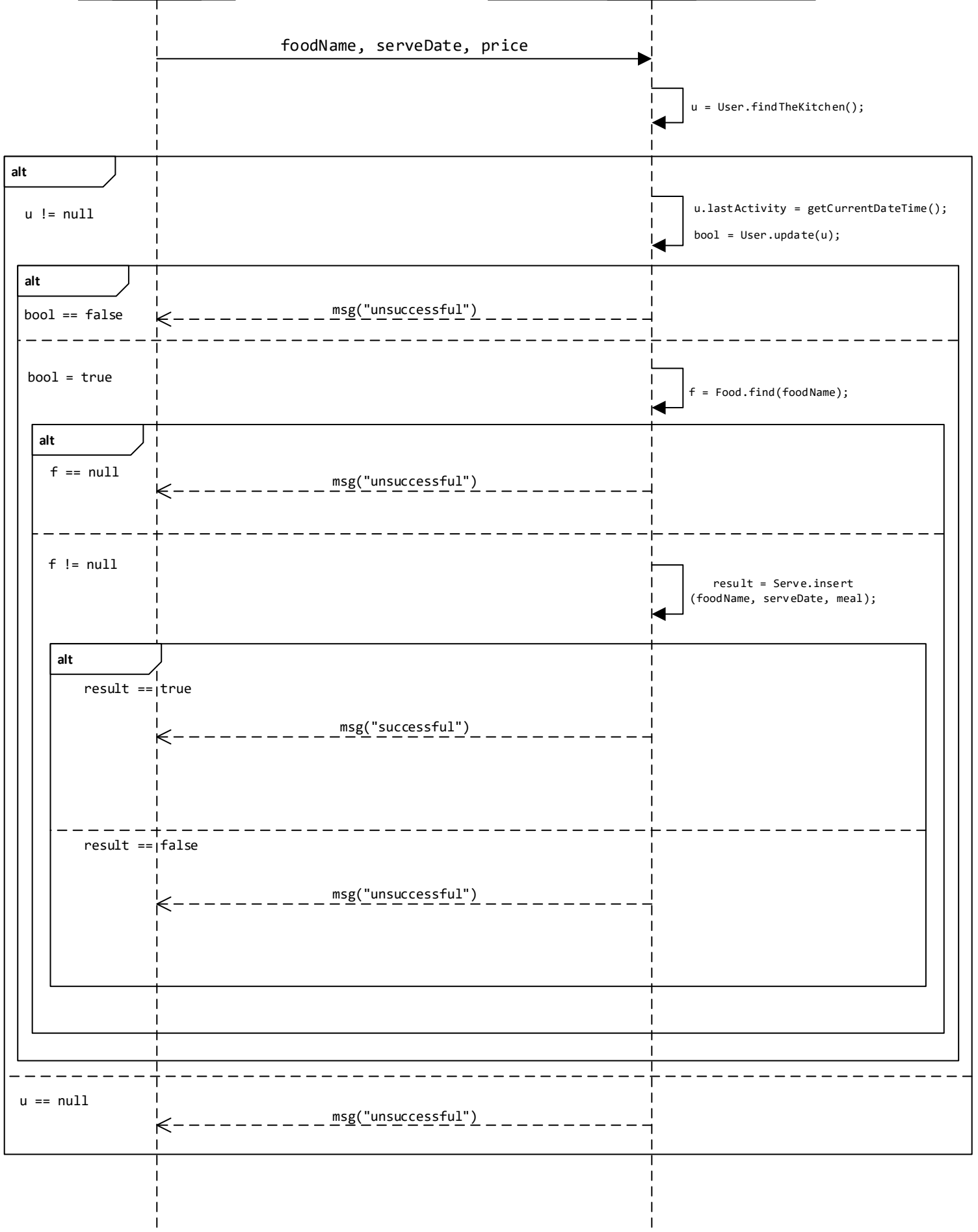
u == null

msg("unsuccessful")



theKitchen

foodReservation:determineFoodPlan





Customer

foodReservation:getActivityReport

startDate, endDate, UID, reportType

```
u = User.find(UID);  
u.lastActivity = getCurrentDateTime();  
bool = User.update(u);
```

alt

bool == true

alt

reportType == increase

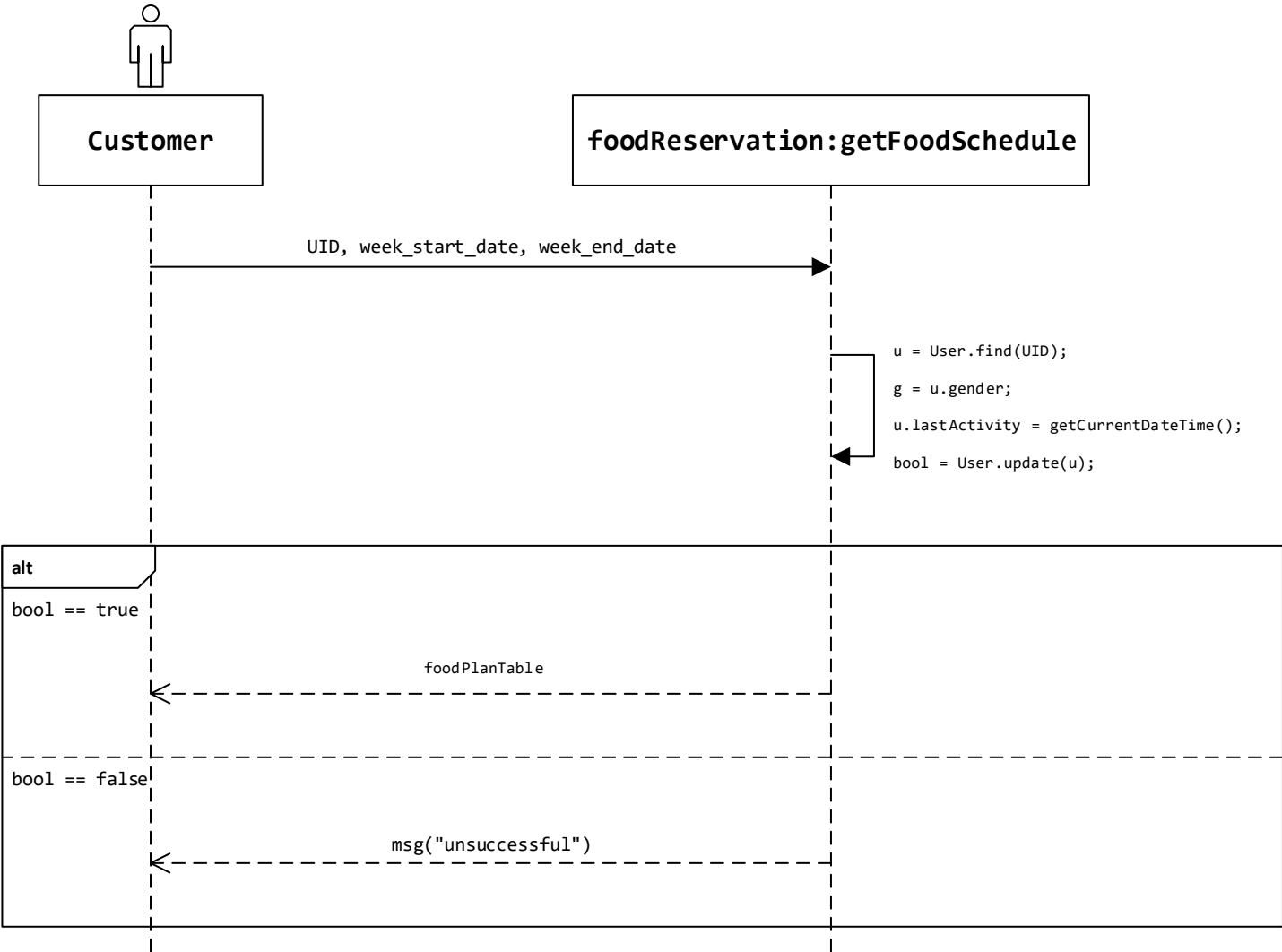
increaselogTable

reportType == transfer

transferlogTable

bool == false

msg("unsuccessful")





theKitchen

foodReservation:getFoodStatistics

startServeDate, endServeDate

u = User.findTheKitchen();

alt

u != null

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

alt

bool == true

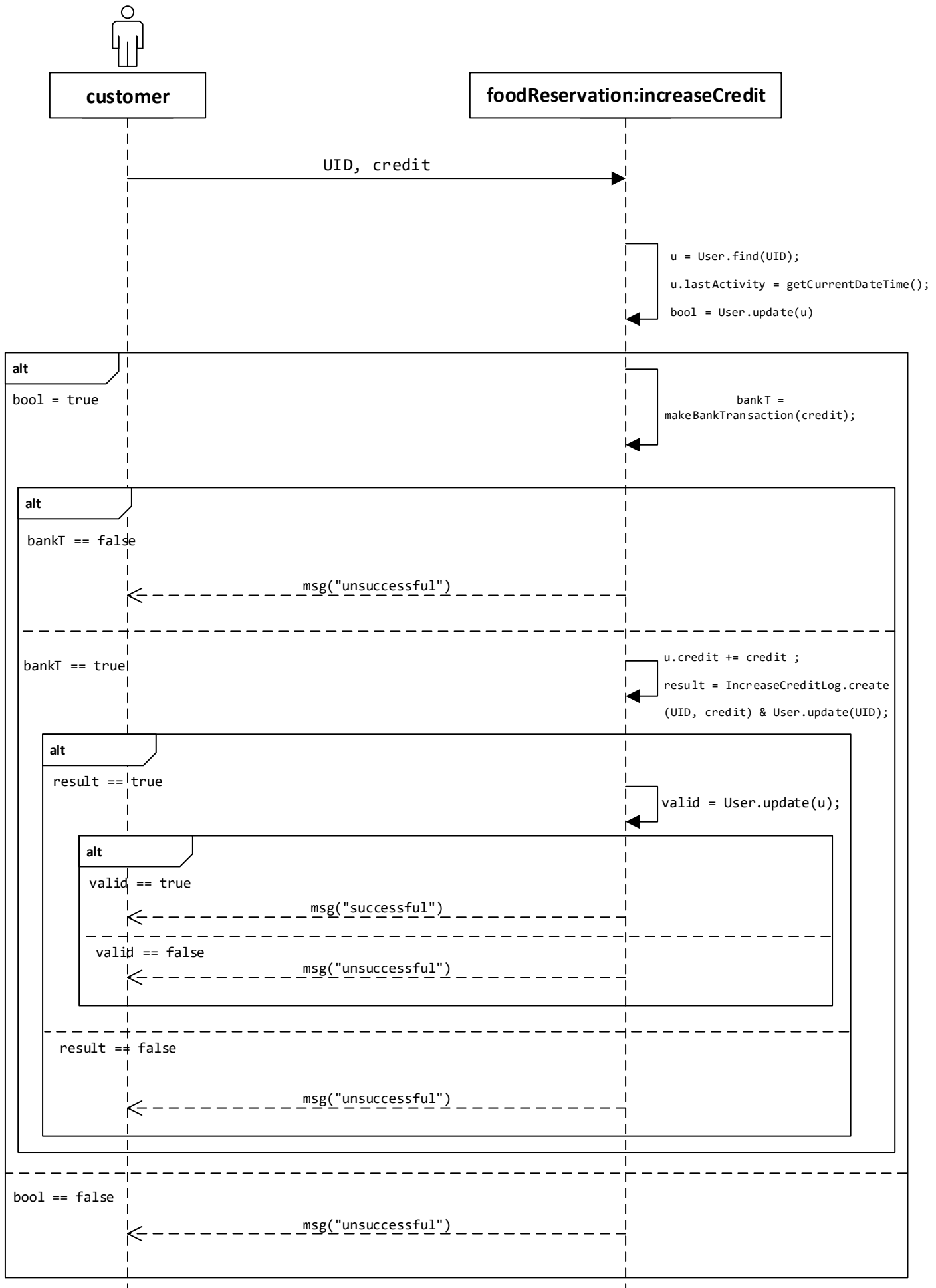
reserveTable

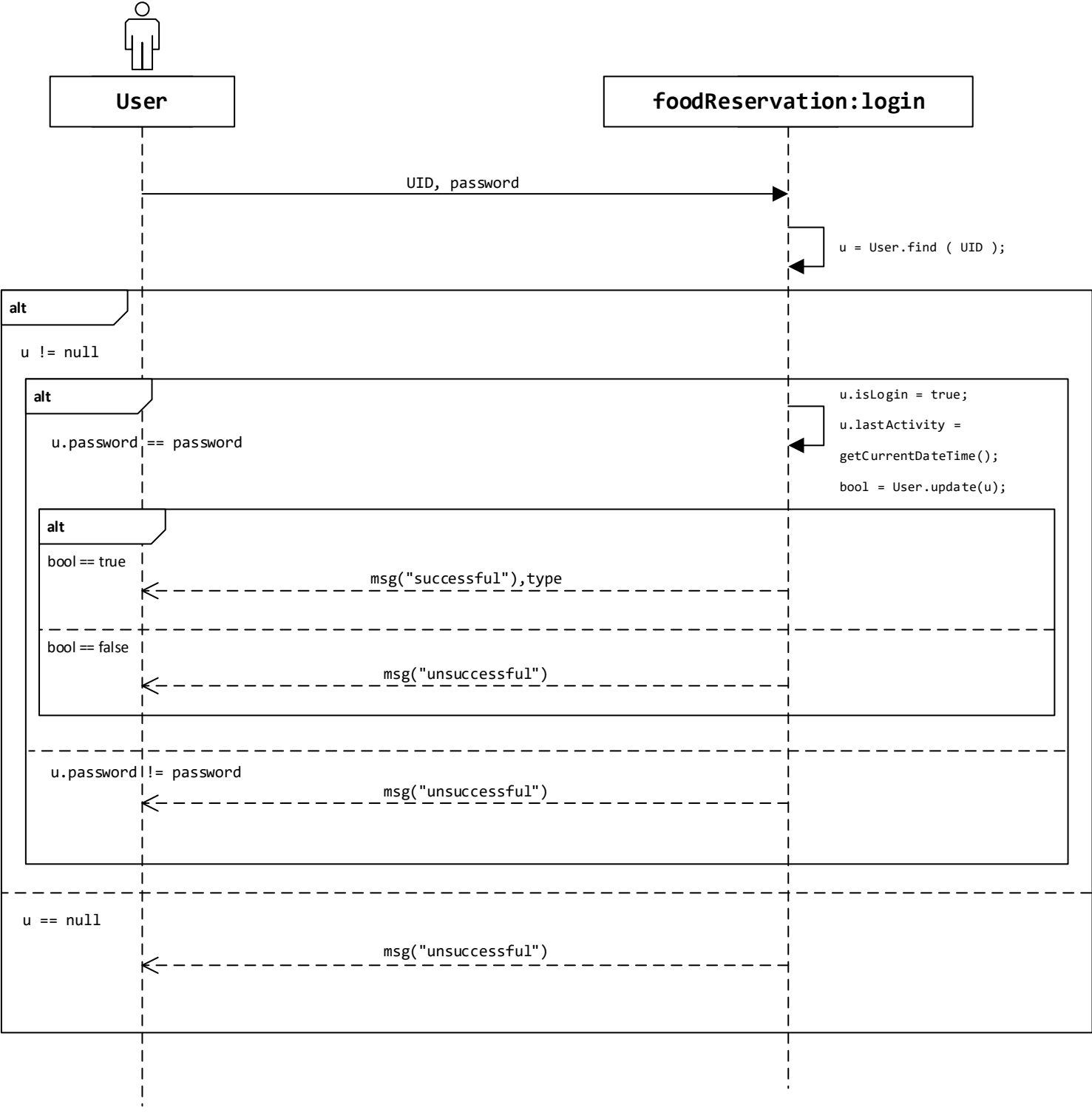
bool == false

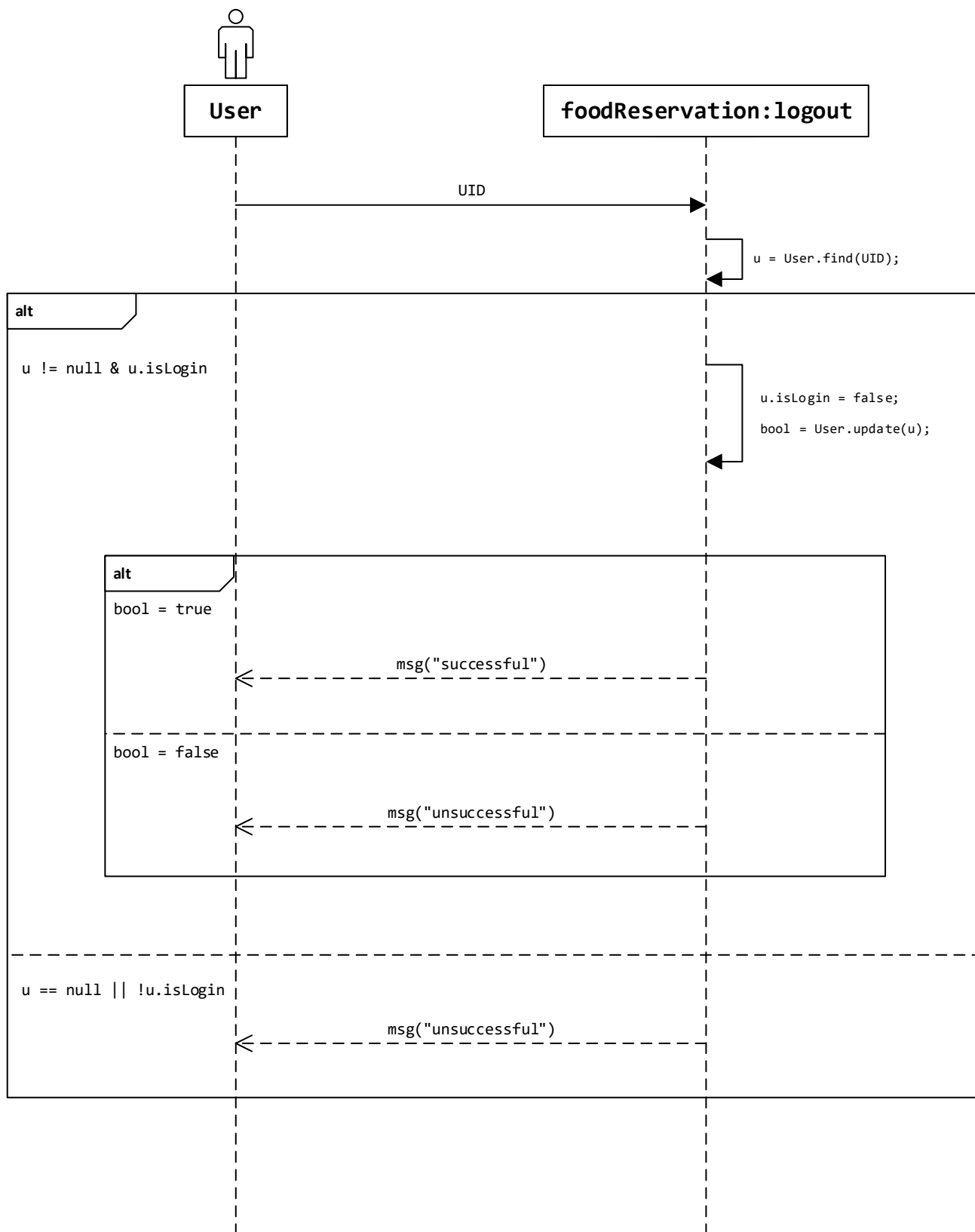
msg("unsuccessful")

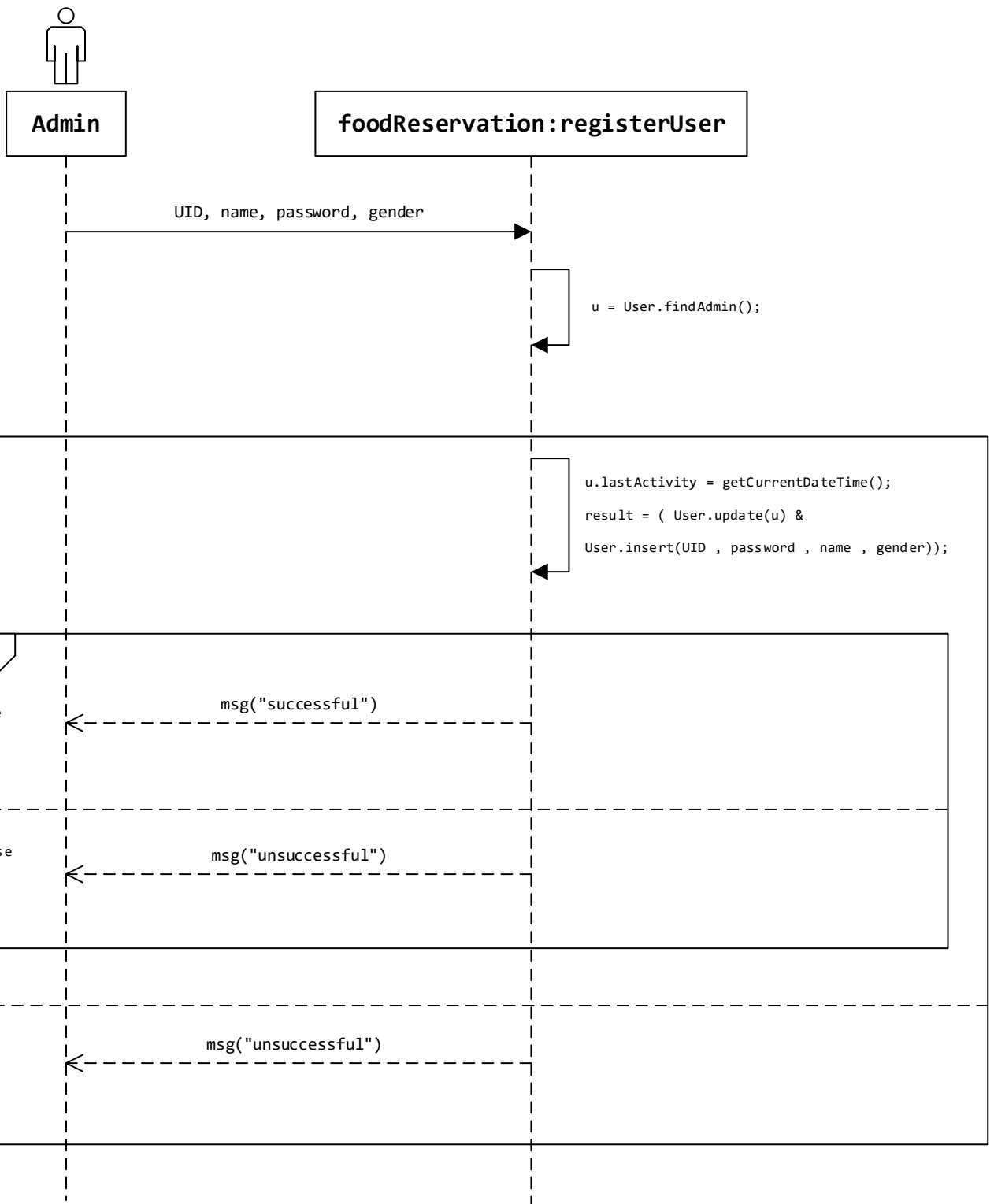
u == null

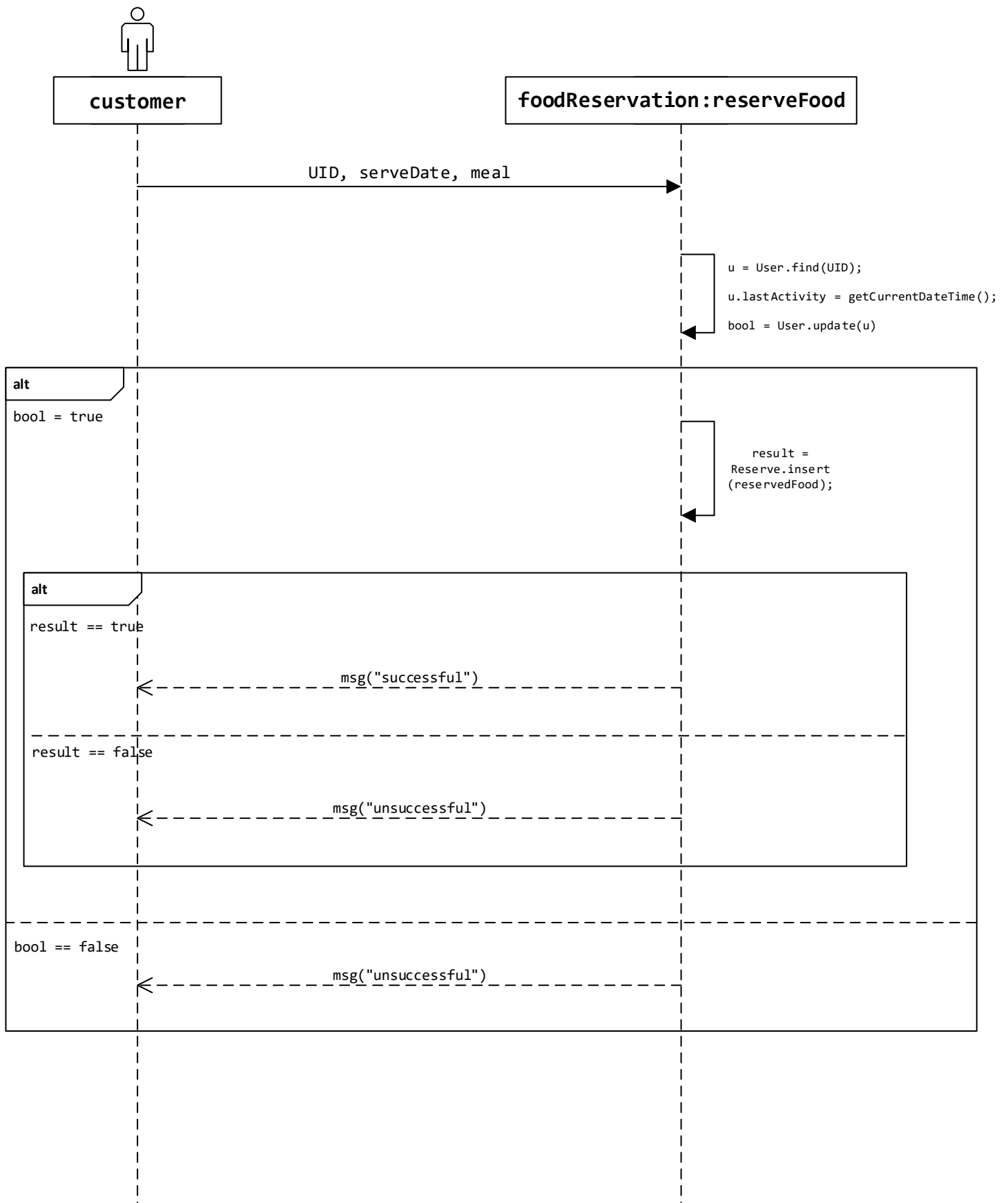
msg("unsuccessful")













customer

foodReservation:transferCredit

srcUID, destUID, amount

```
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 == false

msg("unsuccessful")

valid == true

```
src.credit -= amount;  
dst.credit += amount;  
status = ( User.update(src)&  
User.update(dst));
```

alt

status == true

```
result =  
TransferCreditLog.insert(src  
, dst, amount);
```

alt

result == true

msg("successful")

result == false

msg("unsuccessful")

status == false

msg("unsuccessful")

bool == false

msg("unsuccessful")