

# **CS6110 - OBJECTED ORIENTED ANALYSIS AND DESIGN**

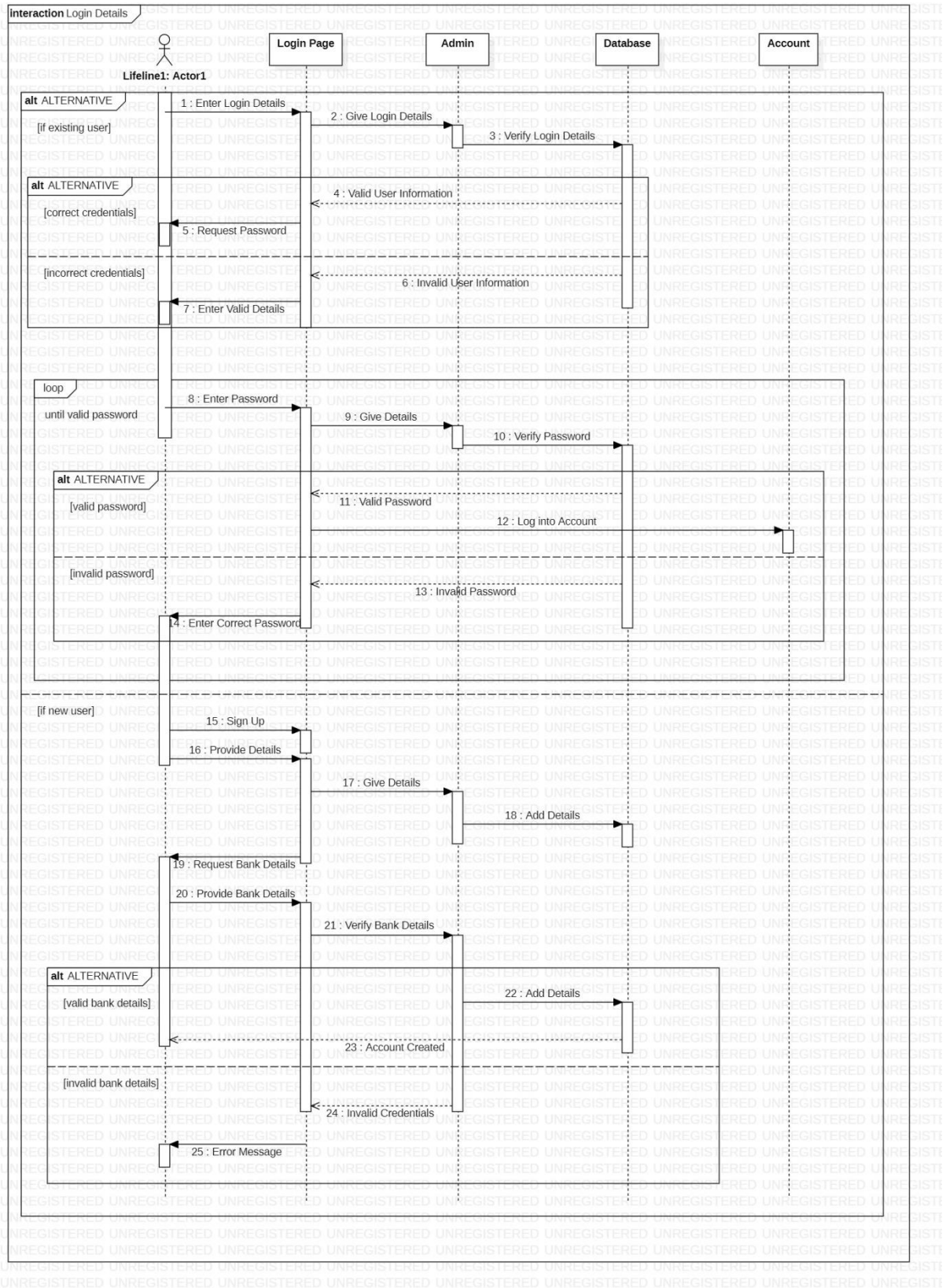
## **CUSTOMIZED TOURISM PACKAGE SELECTION SYSTEM**

### **SYSTEM SEQUENCE DIAGRAM (SSD)**

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# 1) LOGIN



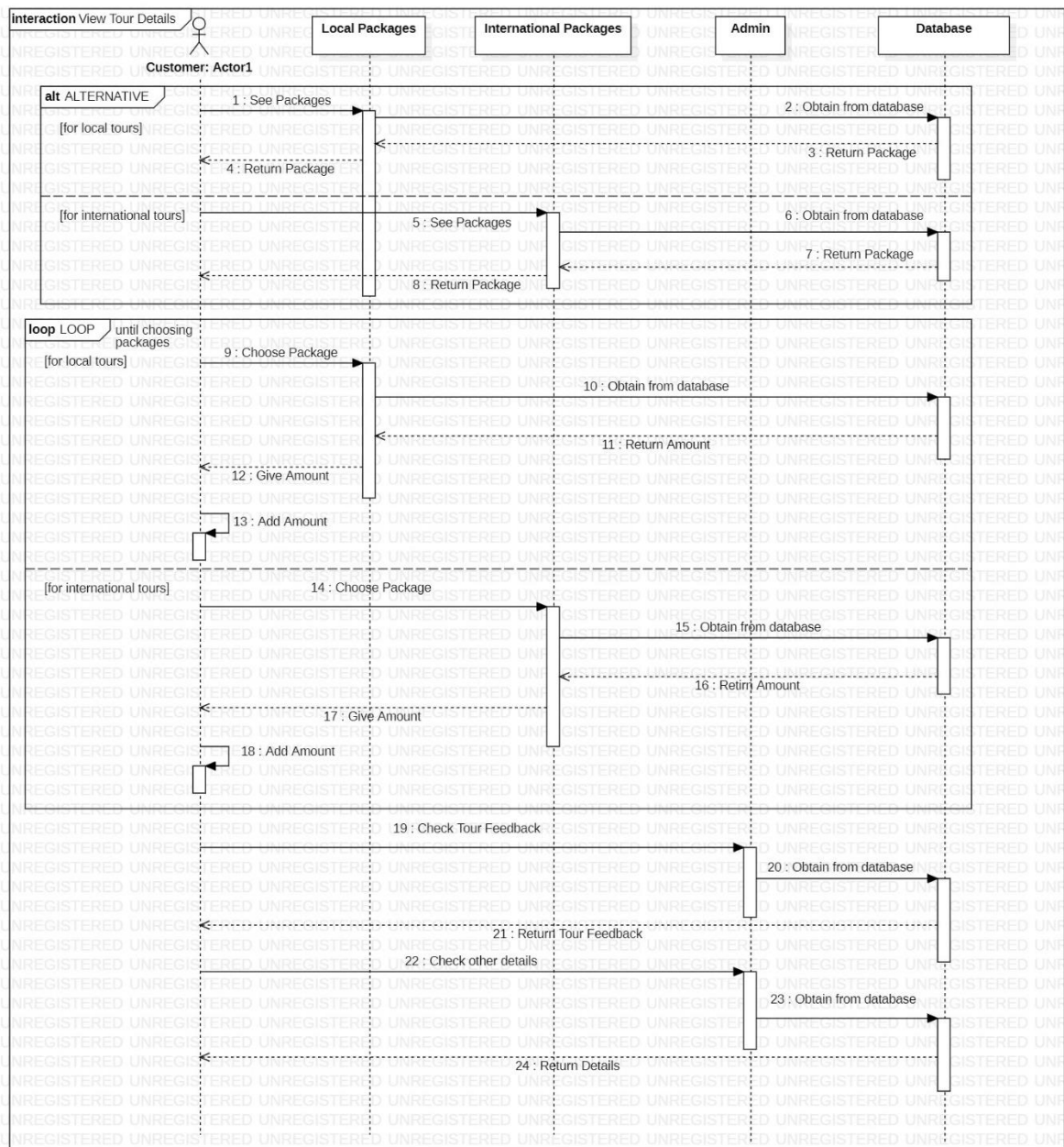
## SCENARIOS:

- ✚ Customer logs into the account if he/she already has an account.
- ✚ If not he/she creates an account.


## BRIEF DESCRIPTION:

An existing user enters login details and it is verified by admin. If the user has given correct credentials, the password will be requested, if not valid details are asked. A loop frame is used to get the valid password from the user. If he/she is a new user, then they have to sign up and provide bank details and it is verified.

## 2) VIEW TOUR DETAILS



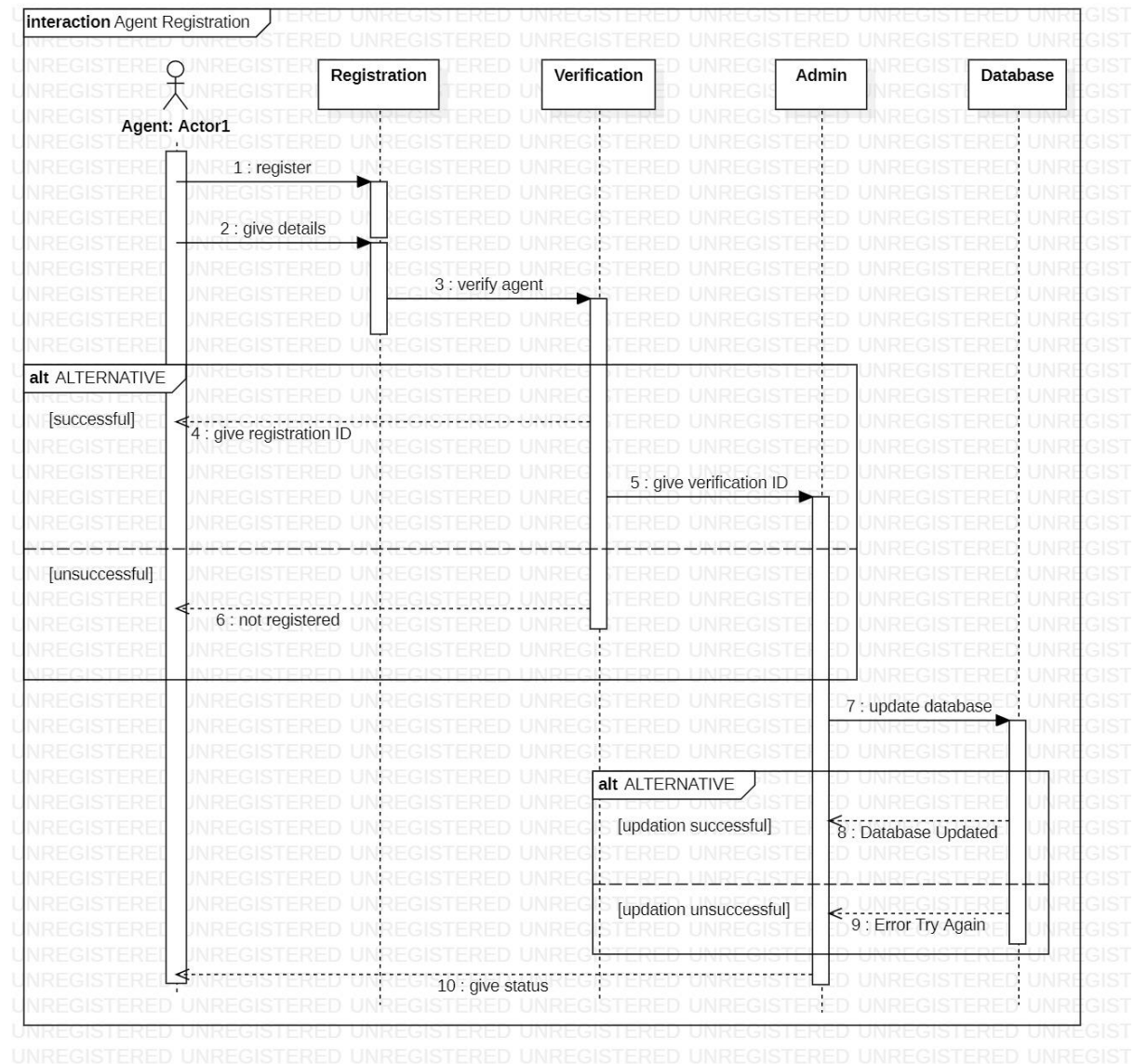
## **SCENARIO:**

 Customers can view and select the tour packages.

## **BRIEF DESCRIPTION:**

A user can view local and international packages. A loop frame is used until the user chooses the packages. A user can also give feedback and check other details

### 3) AGENT REGISTRATION



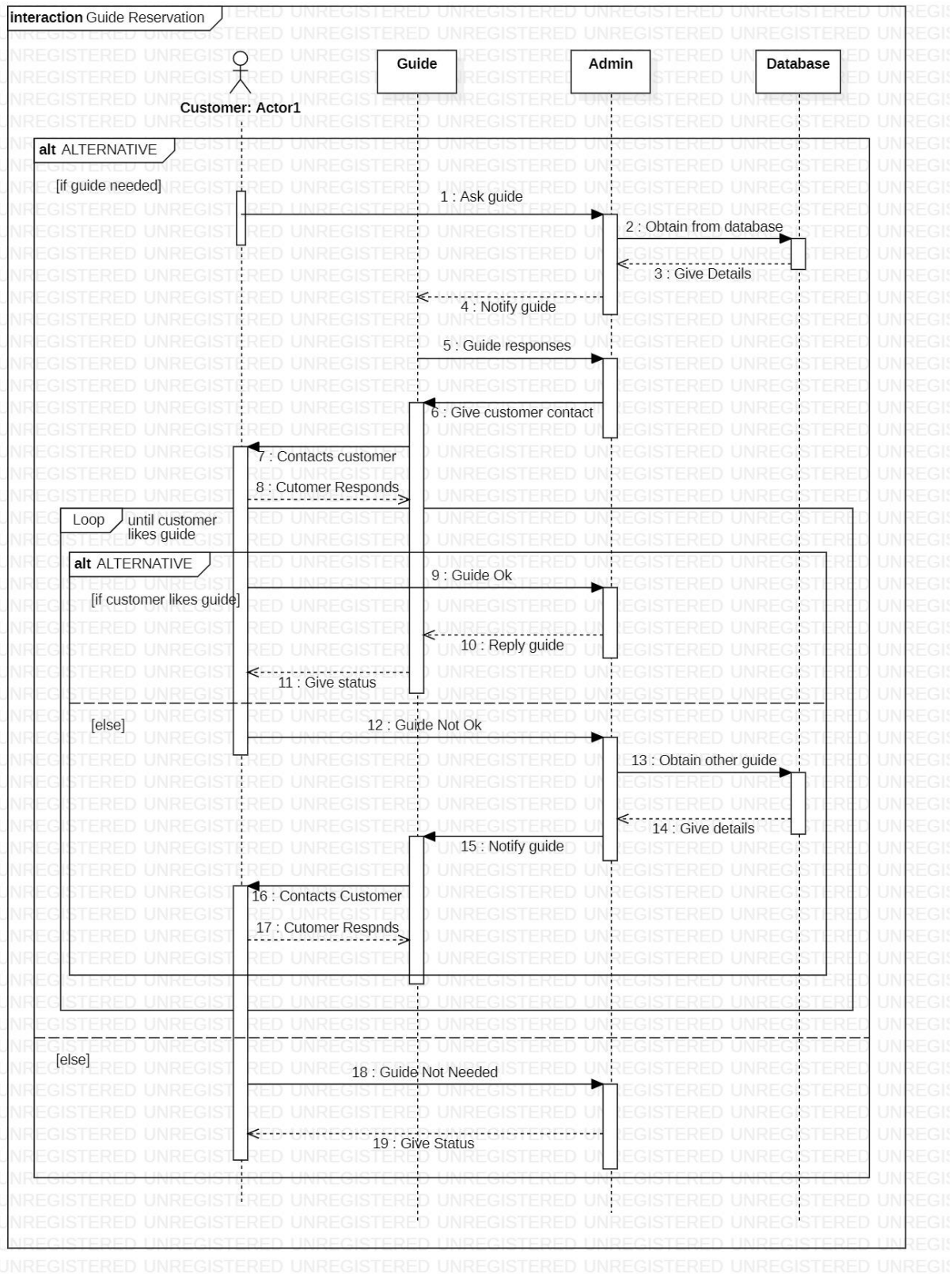
## **SCENARIO:**

 Agent registers the account.

## **BRIEF DESCRIPTION:**

An agent (Coordinator) registers his/her account by giving their details which is verified by the system. On successful registration, the agent is given an id and if unsuccessful the account will not be registered.

## 4) GUIDE RESERVATION





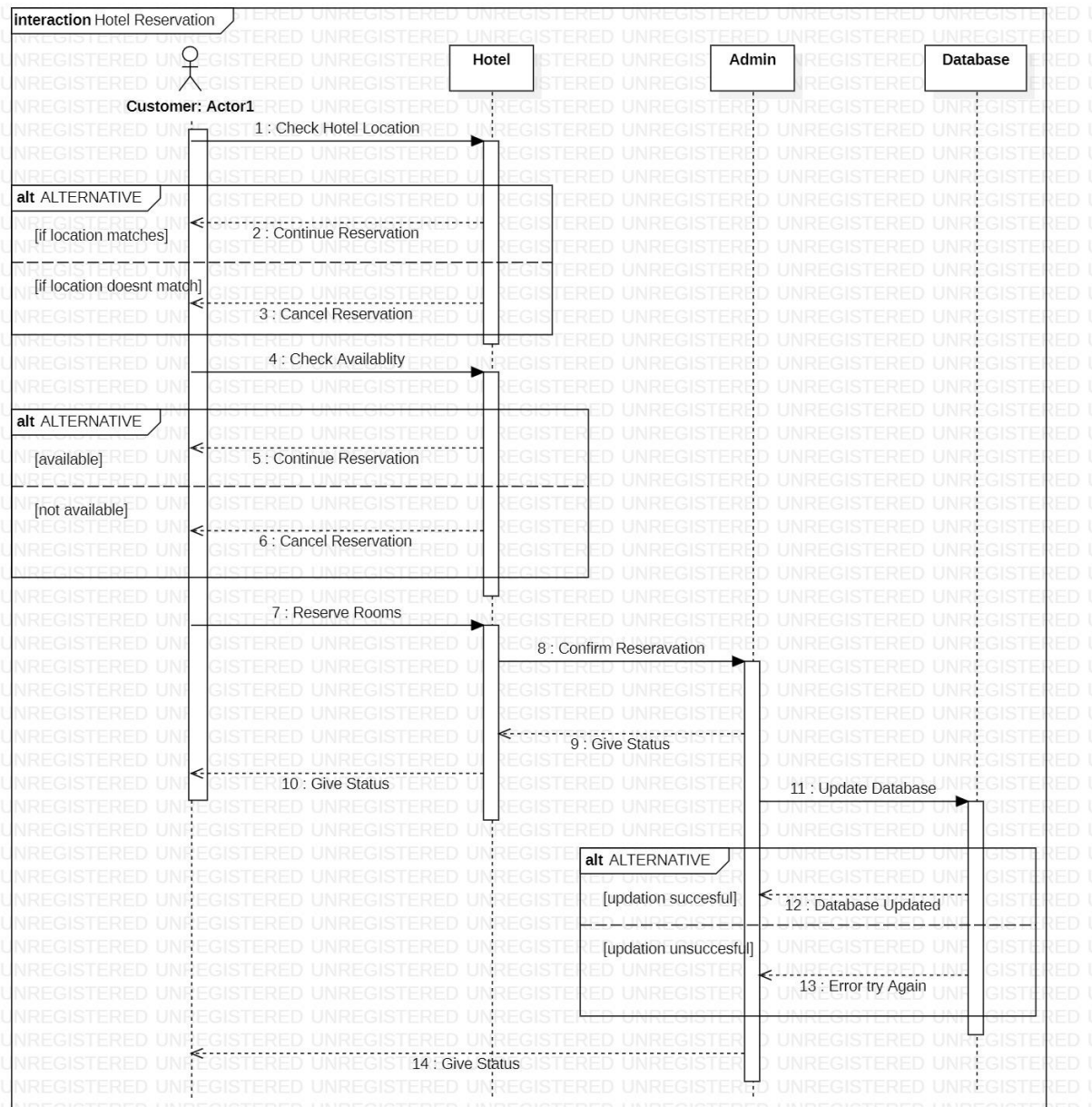
## SCENARIOS:

- ✚ Customer can reserve a guide if he/she wishes for one.
- ✚ If the customer doesn't like the guide, they can change them.


## DESCRIPTION:

If a tourist (Customer) wants a guide, he/she requests for a guide. The admin sends this customer's detail as notification to the available guide. The guide contacts the customer. A loop frame is used until the customer likes the given guide. If the tourist doesn't want a guide he/she will tell the admin that they don't need a guide.

## 5) HOTEL RESERVATION



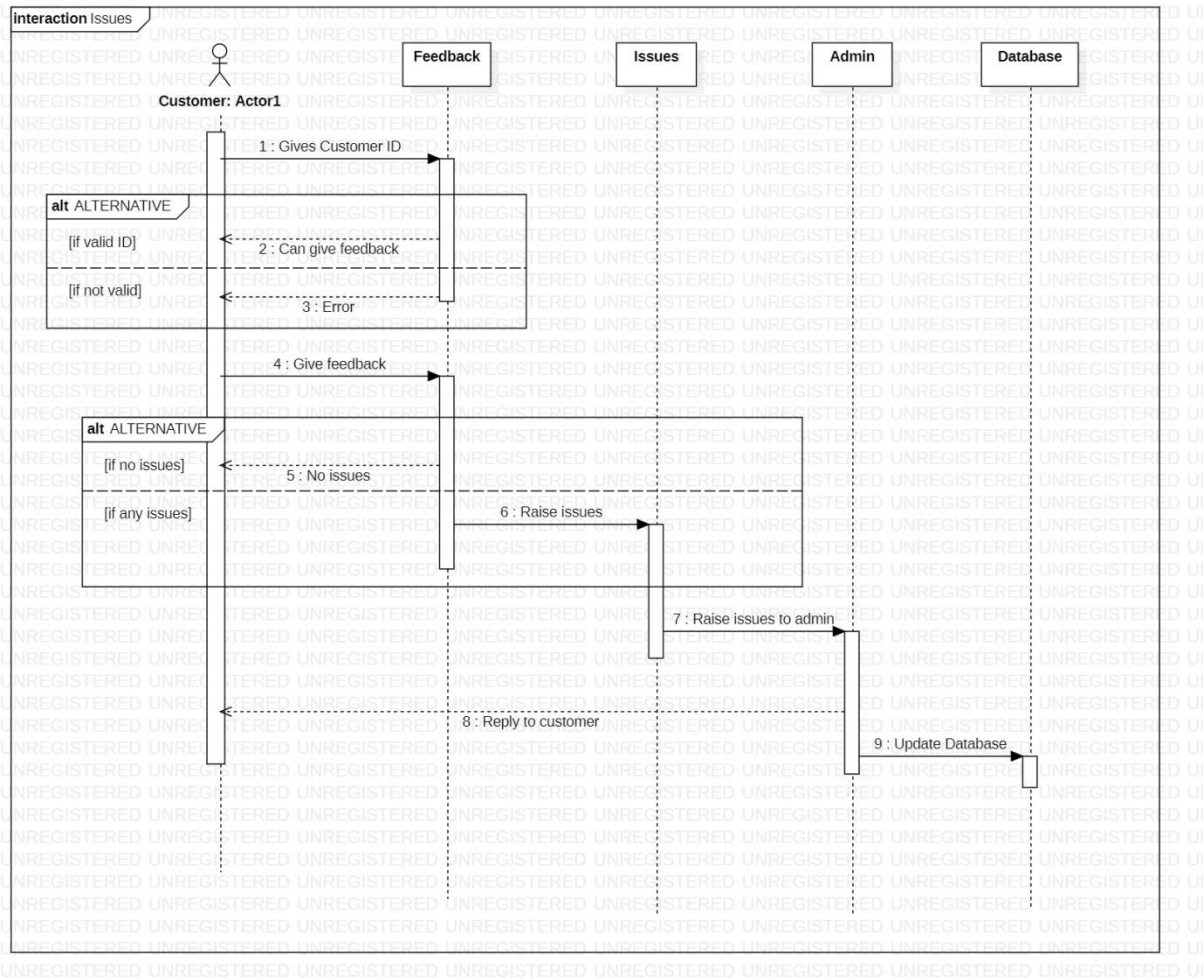
## **SCENARIO:**

 Customer can reserve a hotel at the touring destination.

## **BRIEF DESCRIPTION:**

The customer checks the available hotels in the touring destination and reserves a room if there is vacancy. The reservation is confirmed and the status is given to the required tourist.

## 6) ISSUES



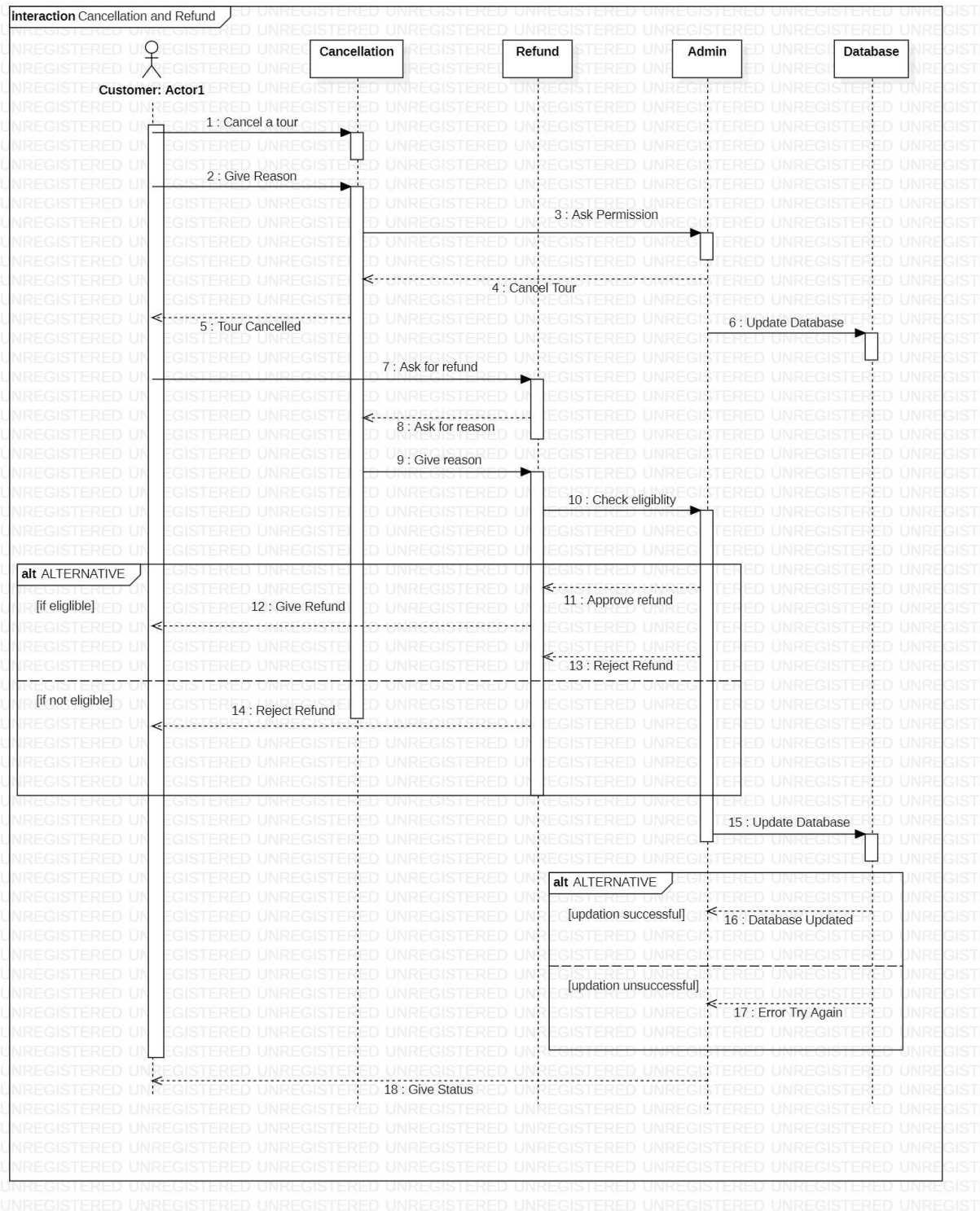
## **SCENARIO:**

 Customer can share any issues they might be having with the journey.

## **BRIEF DESCRIPTION:**

The customer enters his/her id and gives the feedback. If there are any issues in the given feedback it is taken to the admin. The admin will reply to customer and resolves their issues.

## 7) CANCELLATION AND REFUND



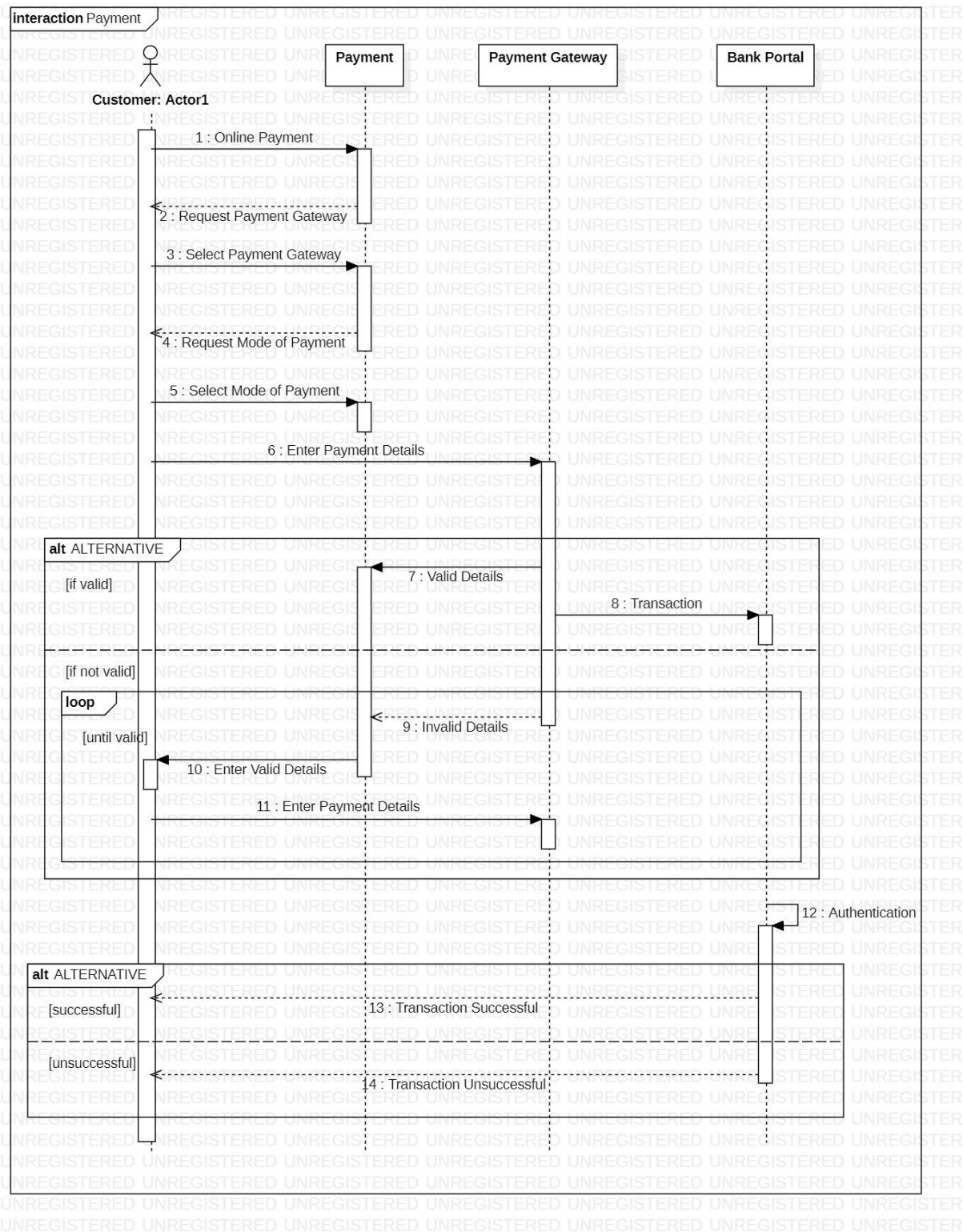
## **SCENARIOS:**

- ✚ Customer can cancel the tour citing any unavoidable reasons.
- ✚ Customer can also ask for refund citing eligibility.

## **BRIEF DESCRIPTION:**


The customer can cancel the tour by giving a reason. The admin permits the cancellation only when the given reason is valid. The customer requests for a refund and the admin initiates the refund, if the reason is eligible.

## 8) PAYMENT





## **SCENARIO:**

 Customers can pay online.

## **BRIEF DESCRIPTION:**

The customer first selects one of the payment gateways and then selects one of the payment modes. The customer enters the payment details and transaction happens if the given details are valid. If the given details are invalid, a loop frame is used until the customer enters the valid details. After the transaction gets over, the transaction status is sent to the customer.