

Use Case: Subscribe to the Platform

Actors: Patient and Bank

Goal: Subscribe and pay the annual fee

Overview:

Once a patient registers for an account and begins his/her subscription, he/she will be charged on a yearly basis, starting from the sign-up date. The patient inserts his/her credit card information, the information is sent to the bank to allow the payment. Patients must also insert their personal information. The subscription and annual fee are automatically renewed unless the patient chooses to cancel it before the renewal date.

Cross-reference:

R1, R13, R14

Basic course of events:

1. Register for an account
This use case starts when a patient accesses the Tele-Scar platform and registers for an account. *The system asks for an email account and password.* The patient provides an email account and a password. *The system validates the email and password.*
2. Select "Subscribe"
The system displays the subscription plan to the patient. The patient selects "Subscribe".
3. Enter credit card information
The patient enters his/her credit card information (card number, the cardholder name, the expiration date, and the CVV).
4. Select "Pay Subscription"
The patient purchases the subscription plan. *The system sends the credit card information to the bank.* The bank validates the credit card information and approves the transaction.
5. Enter personal information
The system asks the patient to enter his/her personal information (e.g., name, age, gender, medication, etc.) The patient enters his/her personal information.
6. Submit Personal Information
The patient submits his/her personal information. *The system verifies that the information is complete.*
7. Accept Personal Information
The system displays the patient's personal information. The patient accepts the personal information.
The use case ends.

Alternative courses:

Step 1 If the email account is not valid, the system displays an error message. The use case ends.

Step 4 If the credit card information is incorrect or if there is an insufficient balance on the account, the bank declines the transaction, the access to the Tele-Scar platform is denied and the system displays an error message. The use case ends.

Step 6 If the patient's personal information is incomplete, the system displays a message indicating that the personal information is incomplete. The use case continues at "Enter personal Information" (*step 5*).

Quit The system allows the patient to quit at any time during the use case. The patient may choose to save the data already inserted. Unsaved data are not recorded in the system. The use case ends.

Preconditions: The patient has an internet connection.

The patient has a valid email account, credit card, and enough balance on his/her bank account.

Postconditions: At the end of the use case either the patient has registered for an account and subscribed to the platform or registration/subscription was unsuccessful and the access to the Tele-Scar platform was denied.