Use Case: Upload Photos
Actors: Patient
Goal: Upload photos of the diabetic foot ulcers

Overview:
Patients record the state of his/her diabetic foot ulcers through photos which are then uploaded into the platform. Patients may also upload alongside the photos self-notes, observations or complaints, to give a more detailed and personalized description of the foot ulcer.

Cross-reference:
R7, R15

Basic course of events:

1. Sign in
   This use case starts when a patient accesses the Tele-Scar platform. *The system asks for identification information.* The patient enters the email account and password. *The system validates the email and password.*

2. Select "Foot Ulcer Management"
   The system displays the functions available to the patient. The patient selects "Foot Ulcer Management".

3. Select "Take Photo"
   The patient selects "Take Photo". *The system accesses the camera of the patient's mobile device.*

4. Select "Save Photo"
   The patient chooses to save the photo taken. *The system saves the photo.*

5. Add a description
   When the patient chooses to save the photo, the system requests the patient to add a description with complaints or observations that he/she may find relevant.

6. Submit photo
   The patient submits the photo and description. *The system records the photo and its description.*

7. See Foot Ulcers' Photos
   The system retrieves a record with the patient's foot ulcers' photos organized by date.
   The use case ends.

Alternative courses:

Step 1 If the system determines that the patient's email account and/or password are not valid, an error message is displayed. The use case ends.

Step 3 If the system is unable to access the camera of the patient's mobile device, an error message is displayed. The use case ends.

Step 4 If the patient considers that the picture does not have a good quality, the patient can choose to delete the photo instead of saving it. The use case continues at "Select Take Photo" (*step 3*).

Step 5 If the patient does not add a description to the photo, a message is displayed asking if the patient wants to submit a photo without description. The patient acknowledges the message. The use case ends.

Step 6 If the system is unable to record the patient's foot ulcer photo, an error message is displayed. The use case ends.

Step 7 If the patient does not have any foot ulcers' photos previously submitted an error message is displayed. The use case ends.

Quit The system allows the patient to quit at any time during the use case. The patient may choose to submit photos already taken. The photos that are not submitted are not recorded in the system. The use case ends.

Preconditions: Patient has an internet connection.
The patient is registered and has access to the Tele-Scar platform. The patient's mobile device has a functioning camera.

Postconditions: At the end of the use case either the patient has taken and submitted a photo of his/her foot or, the foot ulcer registry was unsuccessful, and no photo was submitted into the system.