UC-005 (ATH-UC-11): Change the profile of a user

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Used documentation

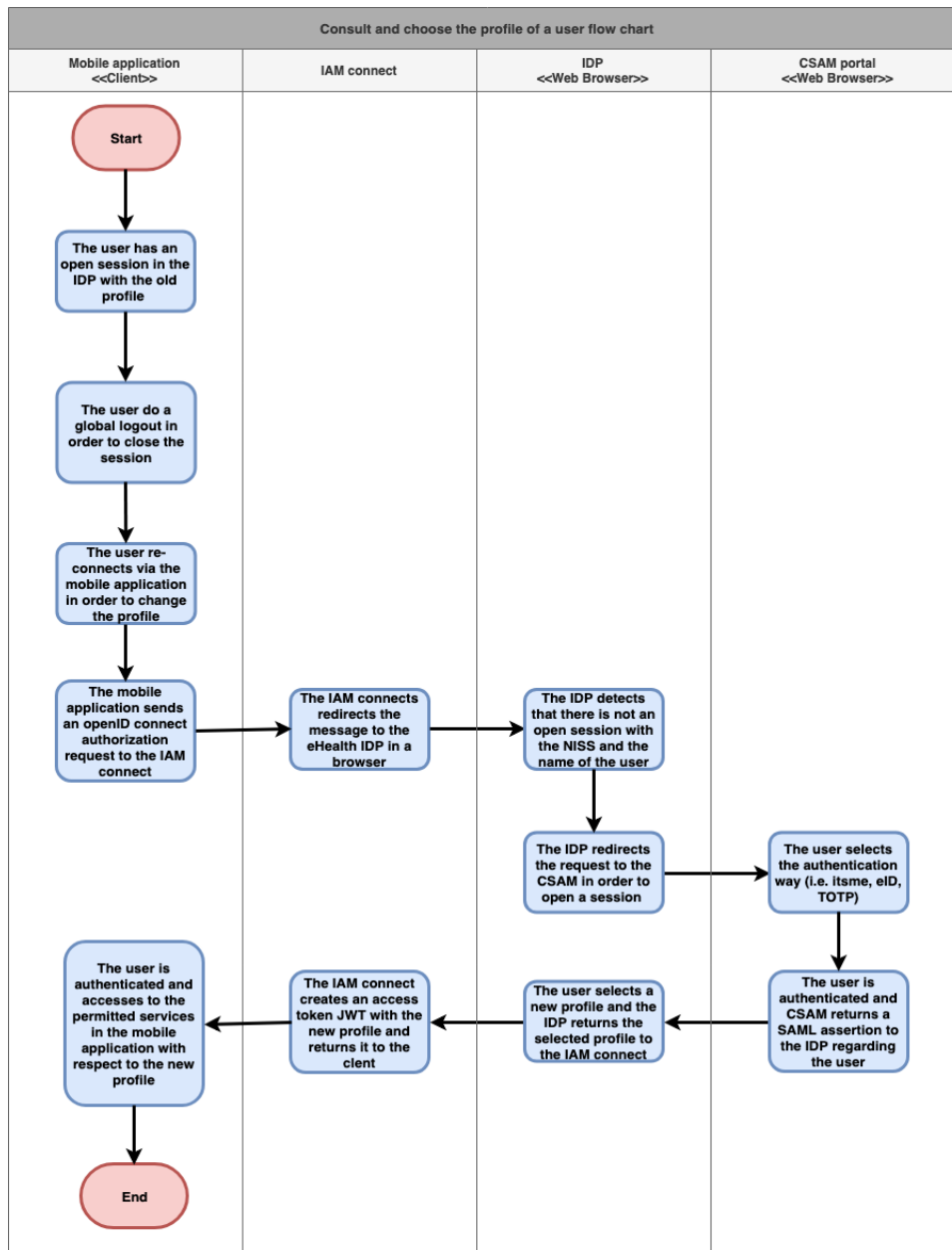| Cookbook/ materials	Version	Location
Technical specifications Identity & Authorization Management (I.AM) - Identity Provider (IDP)	1.0	https://www.ehealth.fgov.be/ehealthplatform/file/view/91d9a7f7978b8a4e4d90087f83d66883?filename=ehealth_i.am_-_idp_v1.0.pdf

General information

A user may have one or multiple profiles of the following types:

- **Citizen**: for the principal with the basic authentication if the user wants to identify himself as a natural person. This is the default profile when a user authenticates on the eHealth IDP.
- **Quality**: for the principals that identify the user as a professional (eg DOCTOR)
- **Organization**: for the principals that identify the user as a representative of an organization he belongs to.
- **Mandate**: for the principals that identify the user as the mandatary of another person or organization from whom he has received a mandate to act on their behalf in a specific context.

The user choose a profile when he is authenticated in the CSAM portal and identified in the IDP and the AA. In order to change a profile, the user should do a global logout in order to close the session in the IDP and he/she should re-authenticate him/herself.

Basic flow

Flow	Specification	
	Use case ID	ATH-UC-11-BF
	Use case name	Change the profile of a user
	Actors	- Citizen - Healthcare giver - Representative of an institution
	Short Description	In order to change a profile, the user should do a global logout and should authenticate him/herself a second time.
	Priority	1 (High) Must have: The system must implement this goal/ assumption to be accepted.

Consult and choose the profile of a user flow chart

Mobile application <<Client>>	IAM connect	IDP <<Web Browser>>	CSAM portal <<Web Browser>>
Start			
The user has an open session in the IDP with the old profile			
The user do a global logout in order to close the session			
The user re-connects via the mobile application in order to change the profile			
The mobile application sends an openID connect authorization request to the IAM connect	The IAM connects redirects the message to the eHealth IDP in a browser	The IDP detects that there is not an open session with the NISS and the name of the user	
		The IDP redirects the request to the CSAM in order to open a session	The user selects the authentication way (i.e. itsme, eID, TOTP)
The user is authenticated and accesses to the permitted services in the mobile application with respect to the new profile	The IAM connect creates an access token JWT with the new profile and returns it to the client	The user selects a new profile and the IDP returns the selected profile to the IAM connect	The user is authenticated and CSAM returns a SAML assertion to the IDP regarding the user
End			

Pre-Conditions		• The user has an active session in the IDP with an old profile
Post-Conditions		• The user has a new open session with the new profile
Steps (basic flow)	0	The user has an open session in the IDP with the old profile
	1	The user do a global logout in order to close the session in the IDP
	2	The user re-authenticates him/herself via the mobile application in order to change the profile
	3	The mobile application sends an openID connect authorization request to the IAM connect
	4	The IAM connects redirects the message to the eHealth IDP in a browser
	5	The IDP detects that there is not an open session with the NISS and the name of the user
	6	The IDP redirects the request to the CSAM in order to open a session
	7	The user selects the authentication way (i.e. itsme, eID, TOTP)
	8	The user is authenticated and CSAM returns a SAML assertion to the IDP regarding the user
	9	The user selects a new profile and the IDP returns the selected profile to the IAM connect
	10	The IAM connect creates an access token JWT with the new profile and returns it to the client

	11	The user is authenticated and accesses to the permitted services in the mobile application with respect to the new profile
Exceptions (exception flows)		
Frequency		• Every time the user wants to change the profile