# User screens:

1. Login/Register (With Logo) **UI 1**
2. Register:
   1. Selfie Video (Mandatory) **UI 2**
      1. Video Capture and Voice Print Capture (text to speak visible on screen – Text would be name and eMail id) **UI 3**
         * Replay what is captured **UI 4** -> Upload (**UI 2** -> Video Capture Ticked) orRetake **(UI 3)**
         * Retake Selfie video **UI 3**
   2. Check Box button for “Use Biometric?” **UI 2**
   3. Register Button **UI 2** -> Shows Registration Status and moves to Login Screen
3. Login:
   1. If checkbox is ticked, Biometric (on the same screen, two sections, biometric selected by default) **UI 5**
      1. Capture fingerprint (Use OS API to verify)
      2. If successful, Login. **UI 6**
      3. If unsuccessful, display message “Fingerprint not recognized”. **UI 5**
   2. Tap on Selfie Video **UI 5**
      1. Selfie Video **UI 2**
         * Video Capture and Voice Print Capture (text to speak visible on screen – Text would be name and eMail id) **UI 3**
           1. Verify with Azure API.
      2. If successful Login. **UI 6**
      3. If not successful display message, “Selfie not recognized”. **UI 5**

Solution:

**Register**: Video Mandatory and Finger print optional

**Login**: If finger print selected and fingerprint scanner exists then direct login else Video verification

Questions: 1. How would finger print be associated with username?

# Solution explanation

**Why**

As a digital service provider, we want to make the identification and verification process simpler, seamless yet maintain the warranted reliability and security.

**What**

Capture the digital identity of a user exploiting the prevalent hardware as well as software to our aid.

**How**

Extending the conventional registration process to capture digital details like Image, Biometric, voice print and use that to support existing information capture (e.g. Name, eMail).