

NDI Assignment Prototype Proposal

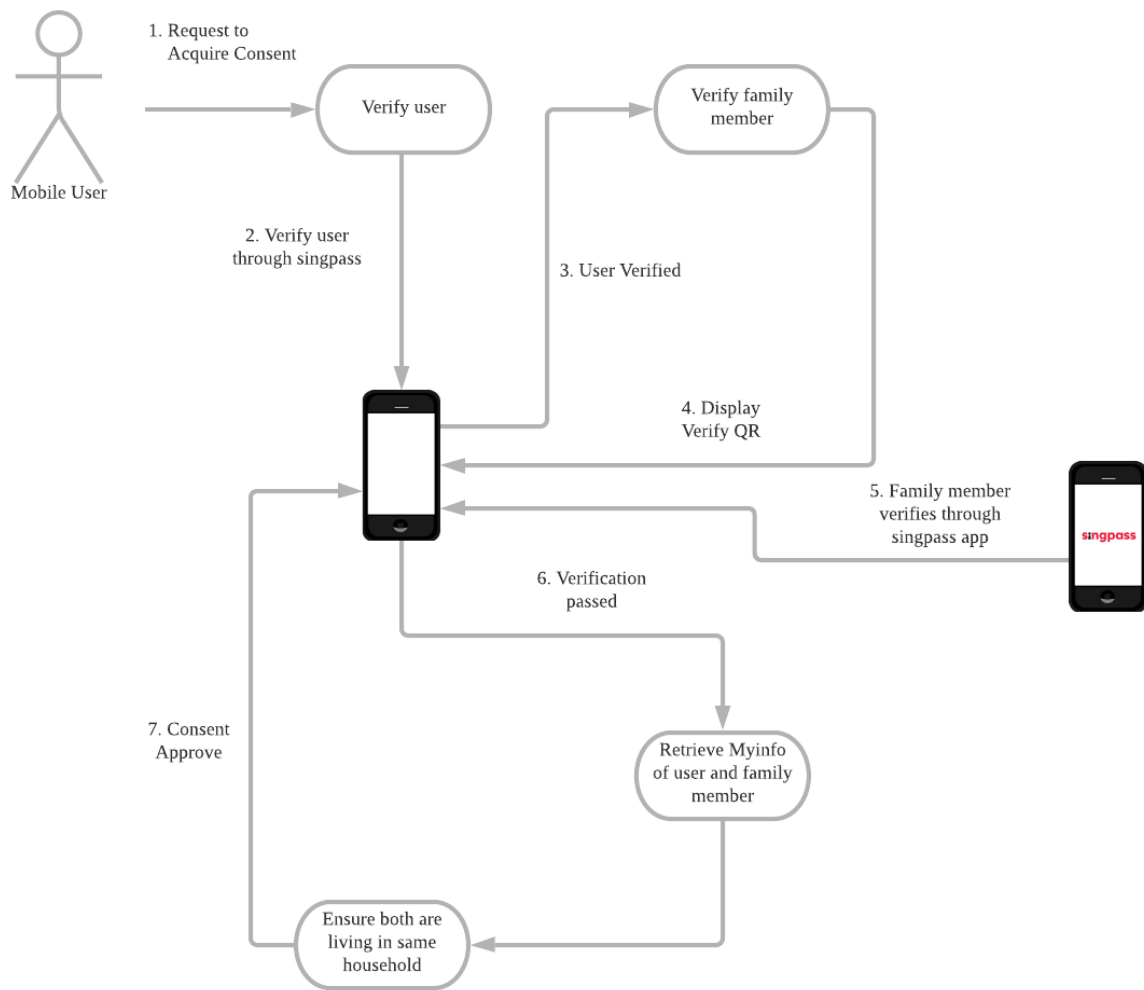
Problem statement

For students in schooling who require additional financial aid, they must submit official documents of their family members living in the same household. An example of such a document is the CPF documentation. The issue lies when the parents or older are asked to provide such documentation. They are used to going down to the CPF building to get a paper copy. With the development of the Singpass application that enables online access to the CPF documents more efficiently, this would have been the easier option. However, for those who are not familiar with using digital interfaces for such purposes, the process requires the student to guide the individual in a step-by-step process from signing in to Singpass to printing out the document for use. This situation is also similar in others where there is usually a single individual who represents the family and is tasked to gather official documents, especially on behalf of individuals who require advanced help. This made the document gathering task significantly longer and would require repeated scenarios happening every time there is a similar need.

Proposed solution

- To develop a simple service where an individual can gain temporary consent from family members to do the task on their behalf using the Verify and MyInfo product

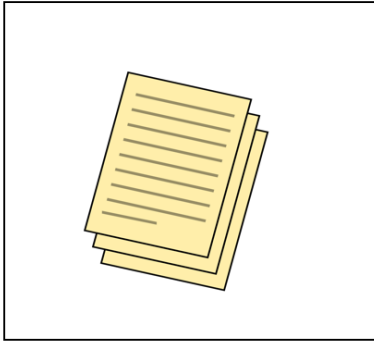
Diagrams



Flow Diagram

The application would use NDI Verify, Verify QR and Myinfo products. The Verify and Verify QR would be used to ensure that the users are who they say they are. Myinfo is retrieved for access to CPF information. User and family member information is retrieved to ensure that they live in the same household. This is a precaution to ensure that the guest access to the family members account may be overseen or physically acknowledged, which could lead to less malicious use or actions with ill intent.

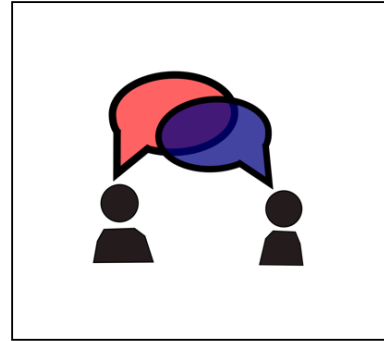
Wireframe/storyboard



Alice needs to collect documents
From her family members for a
Bursary application



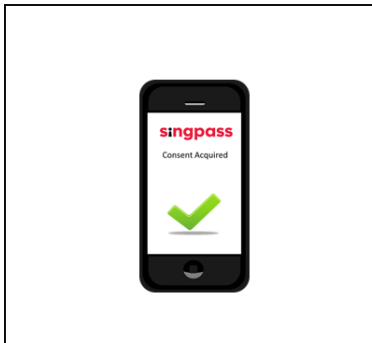
Alice opens the consent service



Alice requests her family
member to give her consent for
downloading of data



Family member scans the QR code



Consent transferred, family
relation verified



Alice access a guest restricted
version of the CPF website on
behalf of her family member