Project Goal

Explore ways to improve UX, Design handoff and tech feasibility of our new flutter app with native assistive technology i.e., VoiceOver(ios) and Talkback(android)

What are we doing for a11y?

- **In the current UX hand off we are capturing -**
  - Contextual visual elements and their labels
  - Tab/Read order with strings and Translations

Design File	Section	Visual element	Tab order	EN Copy	FR Copy
https://www.figma.com/file/tfaQIUwHkMCzzJwalRoPi1/MVP?node-id=674%3A27534	Switch to Account value prop			Close	Fermer
				Step 1 out of 3	Étape 1 de 3
				Step 2 out of 3	Étape 2 de 3
				Step 3 out of 3	Étape 3 de 3
				Upload profile picture	Télécharger la photo de profil
				Change profile picture	Modifier la photo de profil
				Back	Retour

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Semantics in Flutter

- **A11Y is customised using semantics widgets in flutter which are-**
  - SemanticsNode
  - MergeSemantics
  - ExcludeSemantics
- These widgets have properties and constructors which can be customised to modify the UX with assistive technology such as-
  - Adding Hints
  - Merging and customising the read order
  - Adding longer strings and descriptions
  - Hiding an element
  - Adding additional ways users can take action
  - And many more UX improvements...
- Link - Descriptions and meanings of Semantics parameters

Are we tracking data points?

- **Are we explicitly tracking data for Voiceover or Talkback users?**

- **Do we have any existing data on the no. of users using our app(legacy) with accessibility features?**

  - No. of users - Voiceover vs Talkback vs others

  - Voice on vs Voice off

  - Voice speed

  - Hints on vs Hint off

  - Other data points to discover patterns and user behaviour

How can we improve the UX?

- **Discover and validate the tech feasibility**
  - **Are we making use of these properties to improve the UX in our FL apps?**
    - **If yes, what is being done as a standard practice and how can UX contribute as part of the hand-off in our design work?**
    - **If not, I feel there's a lot that can be done to improve the UX for a11y users if we take a deeper look into the feasibility**

Thank You