

NAVIGATION ENGINE FOR IMMIGRANTS



Presented by:
Natalia Maznytsia
Fabien Pittier
Thomas Ketterer

HACK4SOCIALGOOD 2026

Unlocking Opportunities for
Seamless Integration and
Equal Access



What is the project about?

Newly arrived migrants often face fragmented and complex information

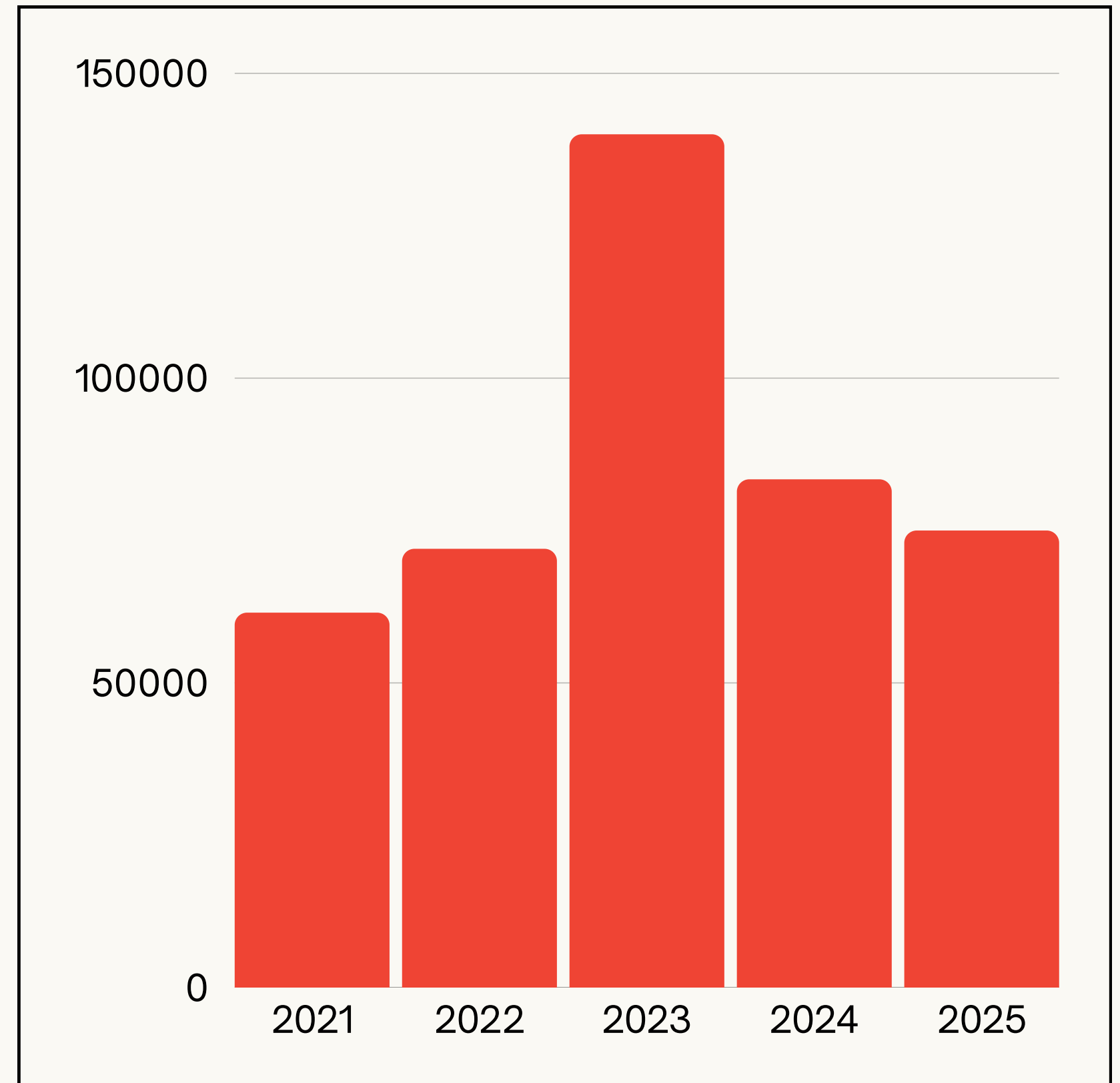
Our project aims to design a prototype of a personalized orientation engine that analyzes a user's profile and needs to recommend tailored integration pathways



Integration of newcomers in Switzerland

This chart reflects the consistently high number of people migrating to Switzerland each year. The data highlights how integration is not a one-time need but an ongoing challenge

New people arriving to Switzerland



Resources: swissinfo.ch; nccr-on the move; avenir-suisse

Problems we are facing

→ Language and communication barriers

→ Complex and non-transparent administrative processes

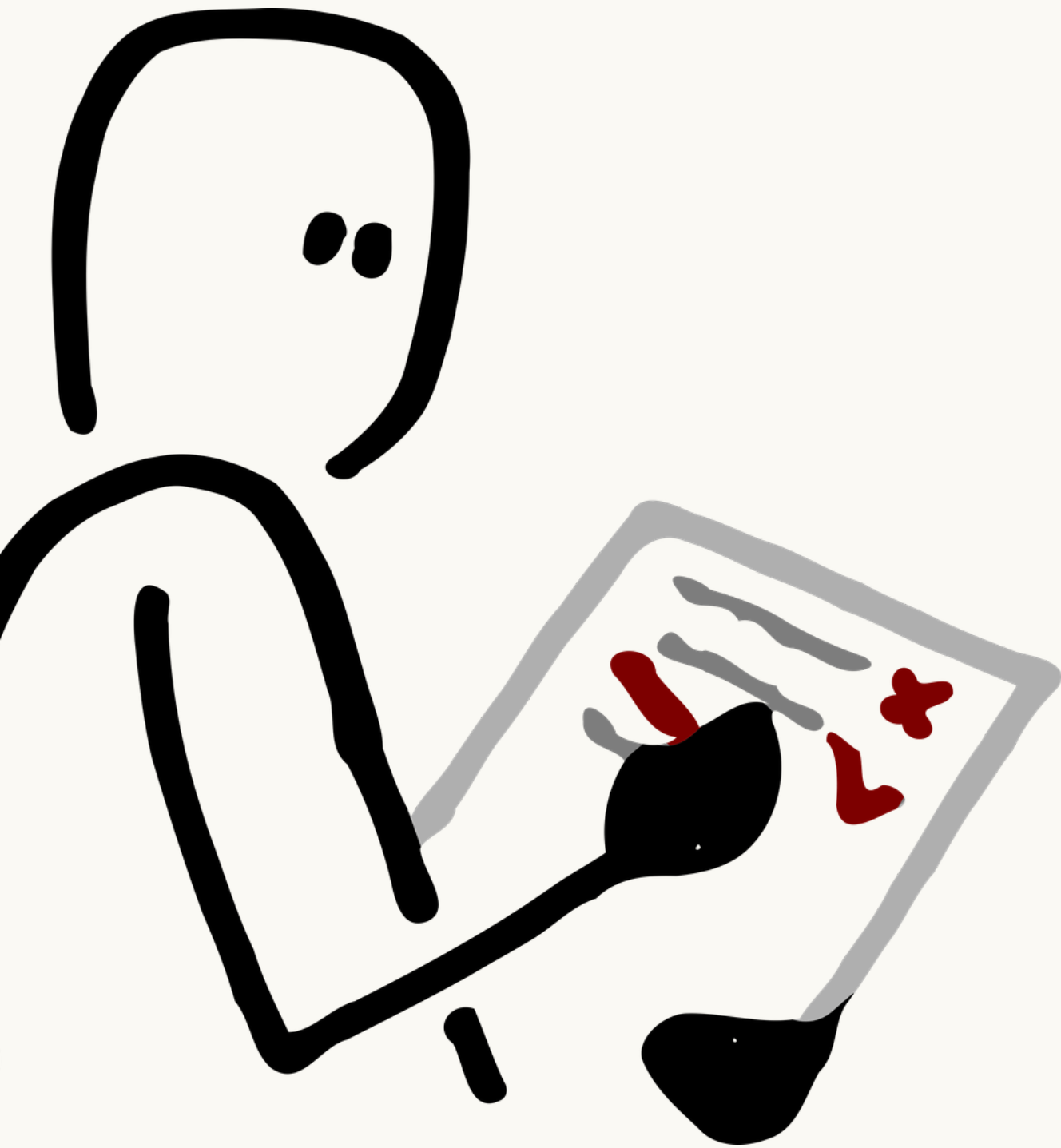
→ Lack of personalized and situation-specific guidance

→ Information overload without clear prioritization

→ Fragmented and inconsistent information across multiple platforms

The challenge is not the lack of services, but the lack of clear and personalized access to them

Navigation engine for immigrants



How we solve the problem

- Centralized web platform with all essential information
- Clear, simple content
- Simplified versions of documents
- Visual support (icons, images)
- Structured categories for easy navigation
- Clear prioritization of actions

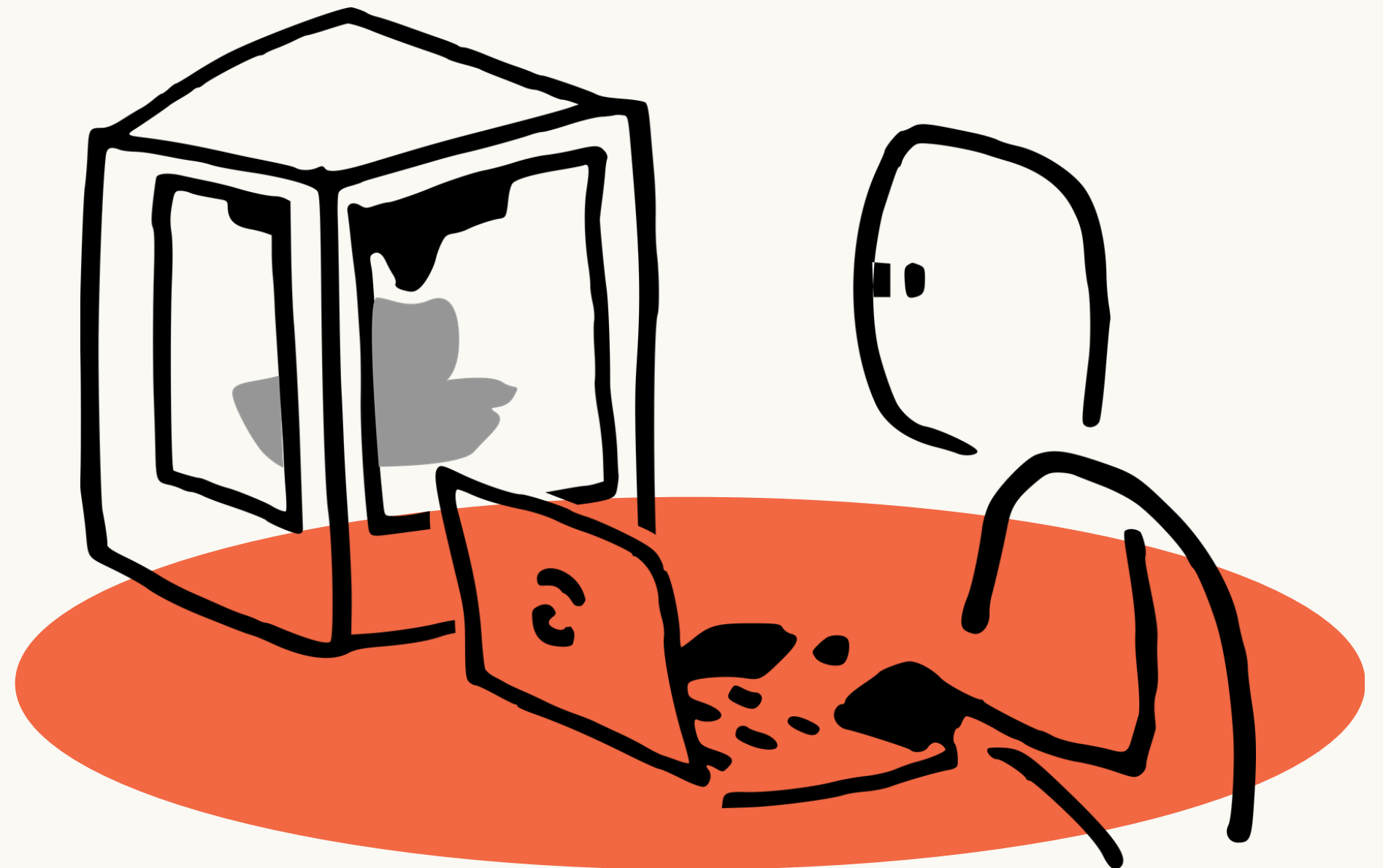
Supporting better UX for newcomers

Identify user pain points and navigation issues

Provide actionable insights for improvement

Enhance clarity and accessibility of information

The virtual assistant enable website owners to continuously improve content, making it clearer, accessible, and better adapted to users' needs



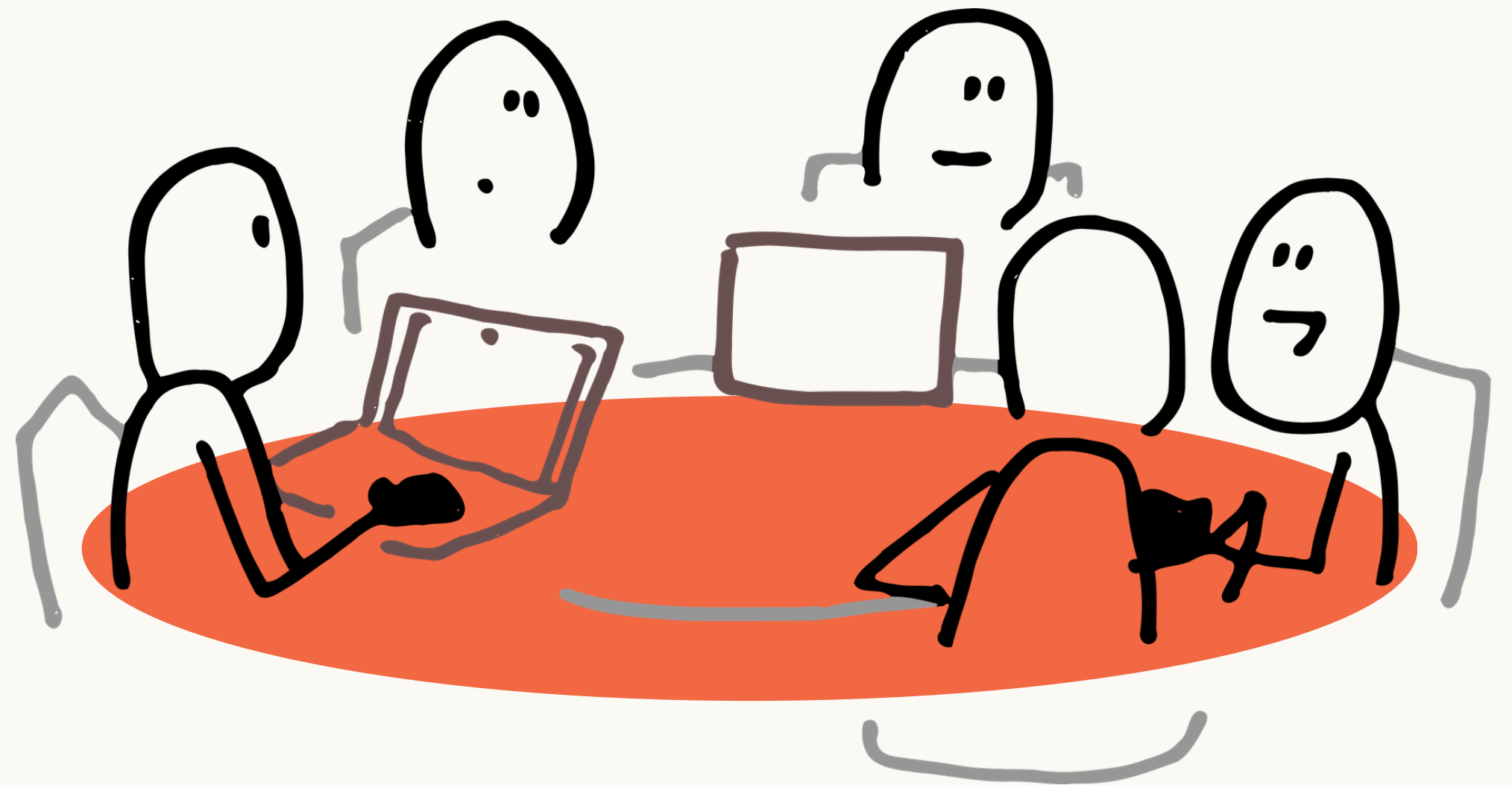
Data & Privacy

First Point

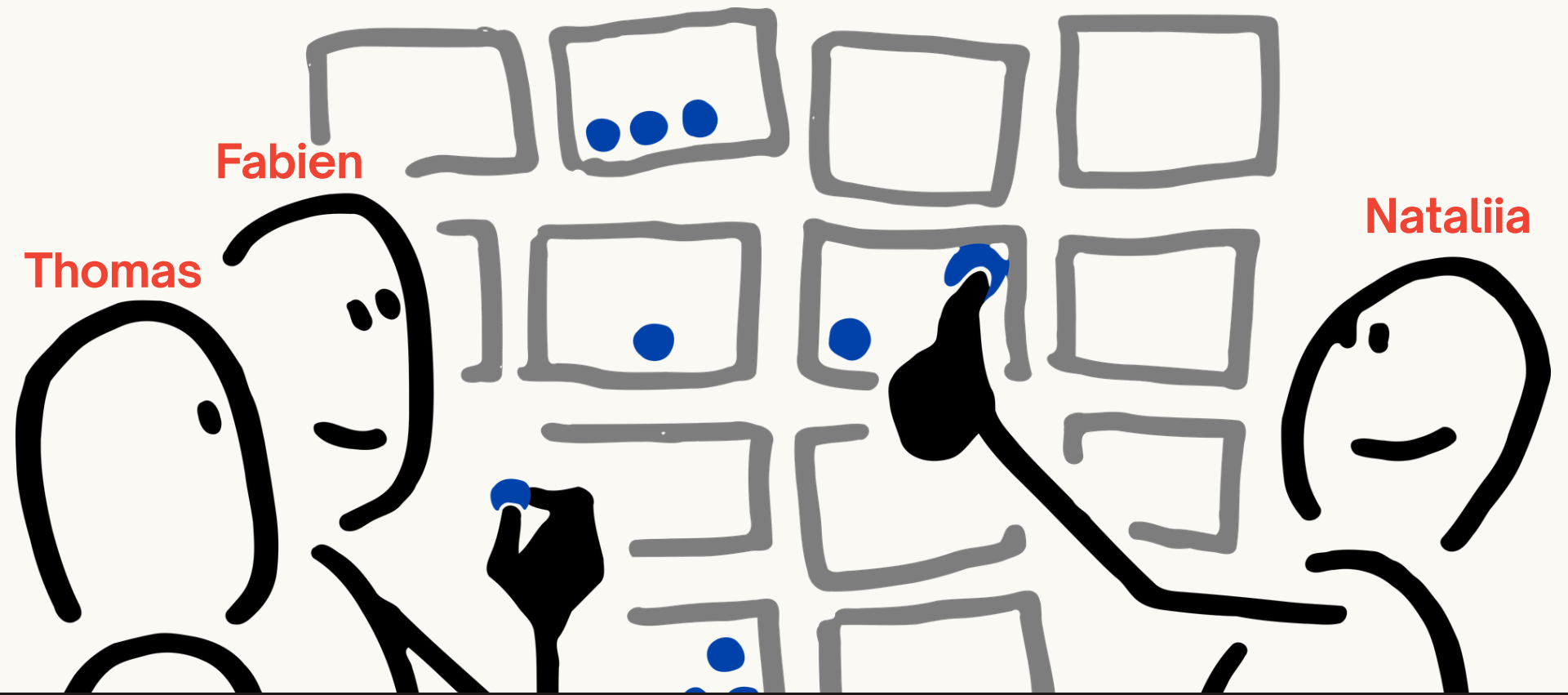
In our solution, we made a conscious decision not to collect or store any personal user data. This ensures that users can access the platform without concerns about privacy or potential data leaks.

Second Point

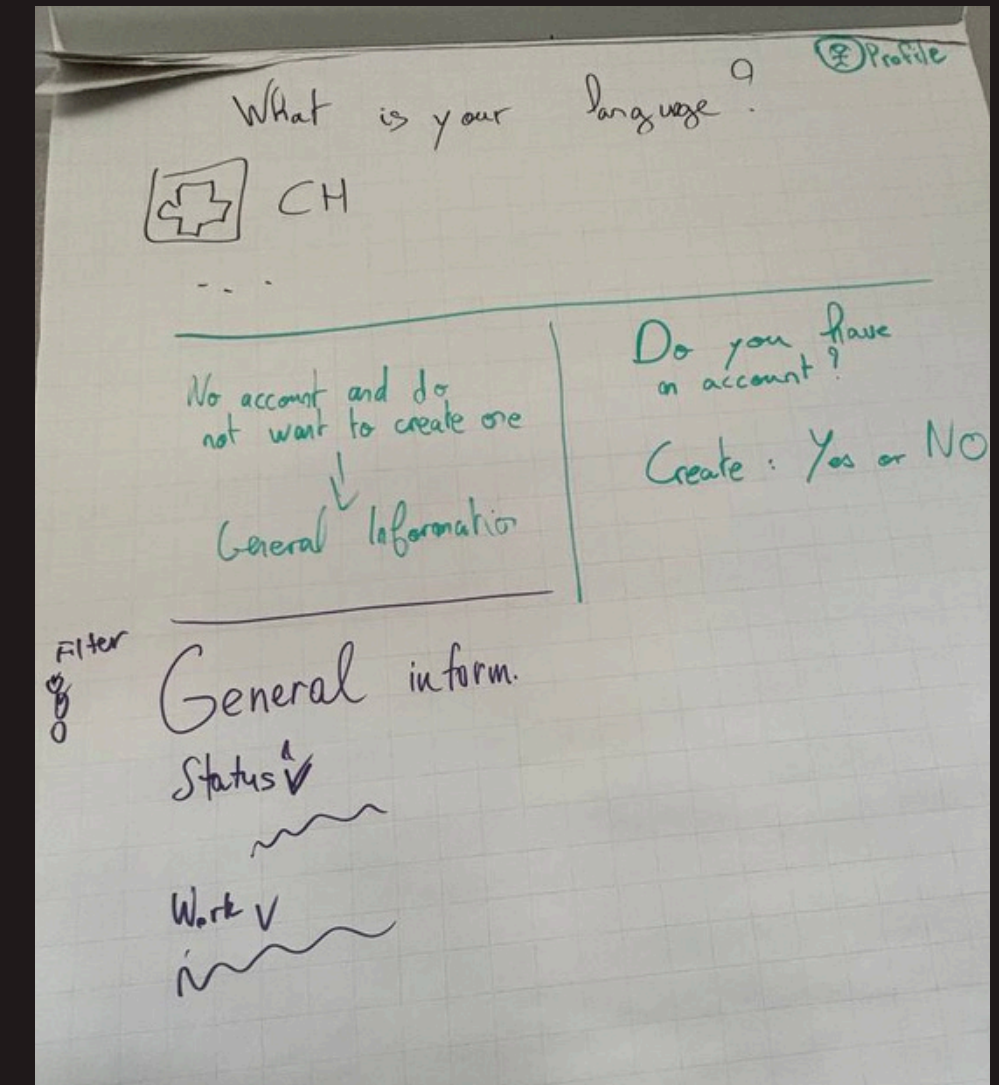
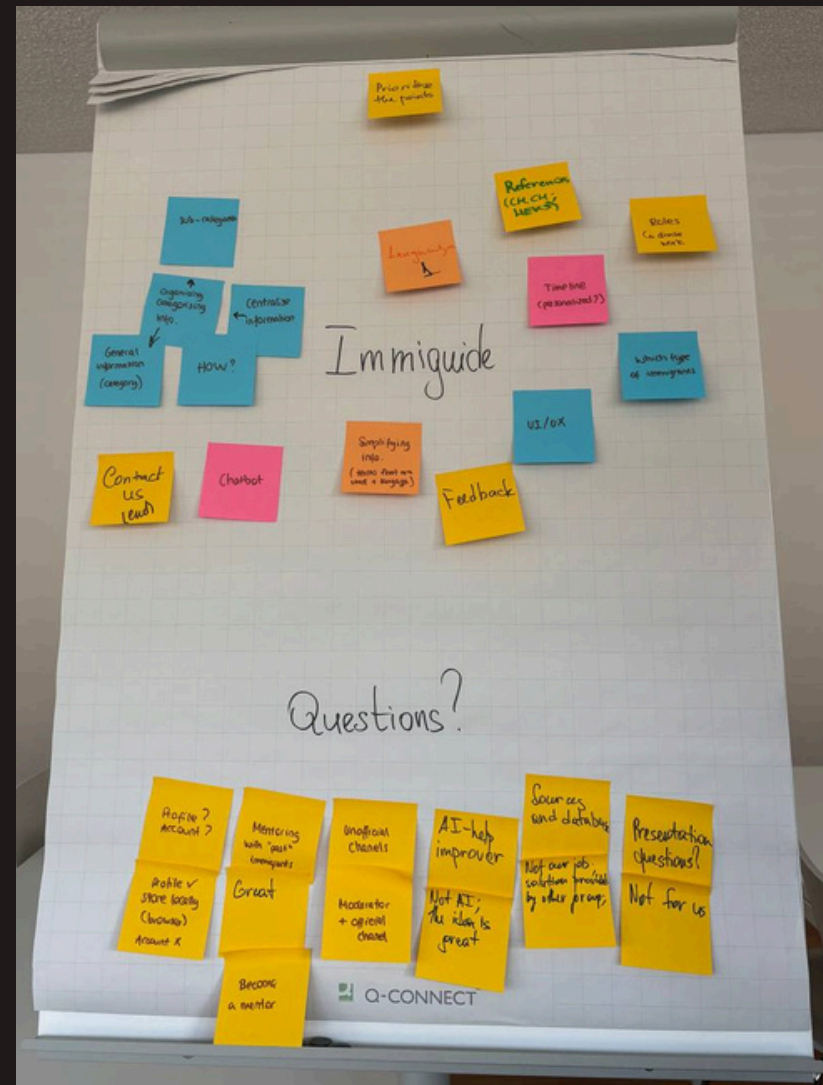
By avoiding data collection, we prioritize user trust, security, and full confidentiality, creating a safe and transparent environment for everyone.

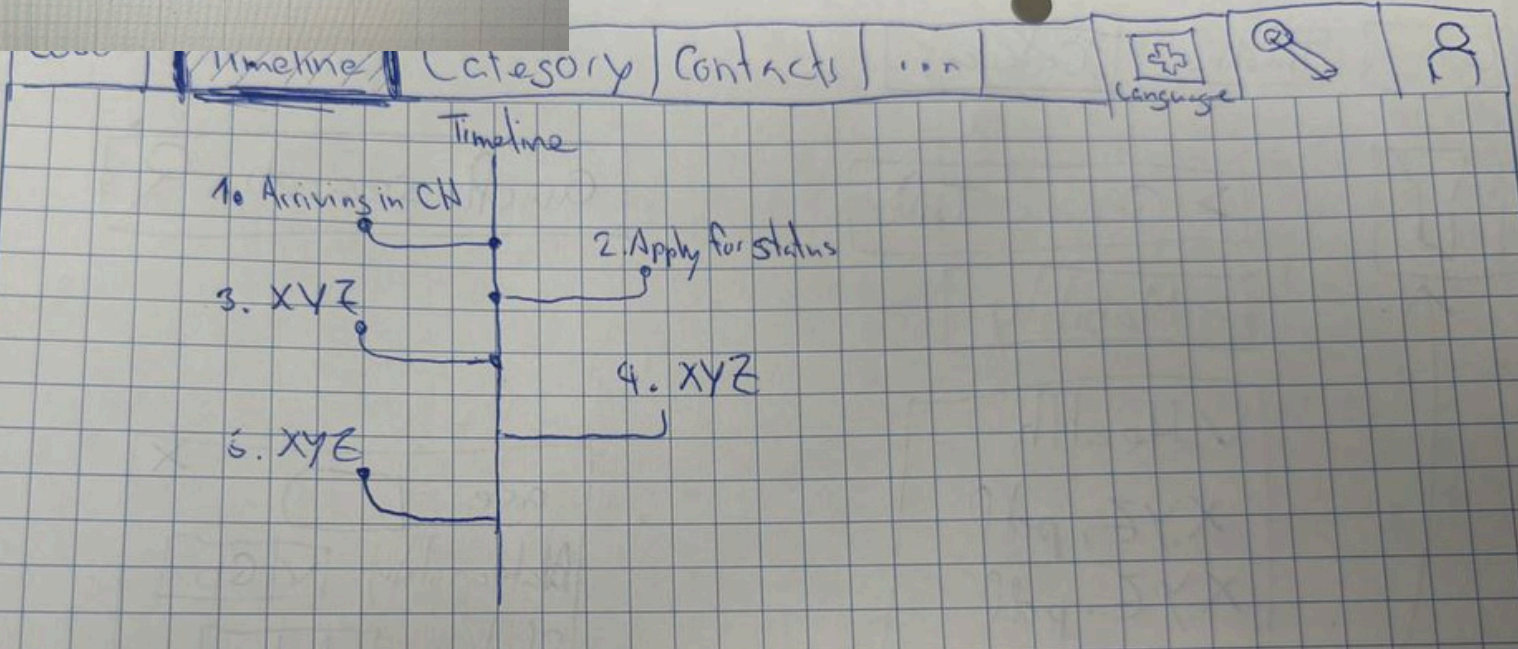
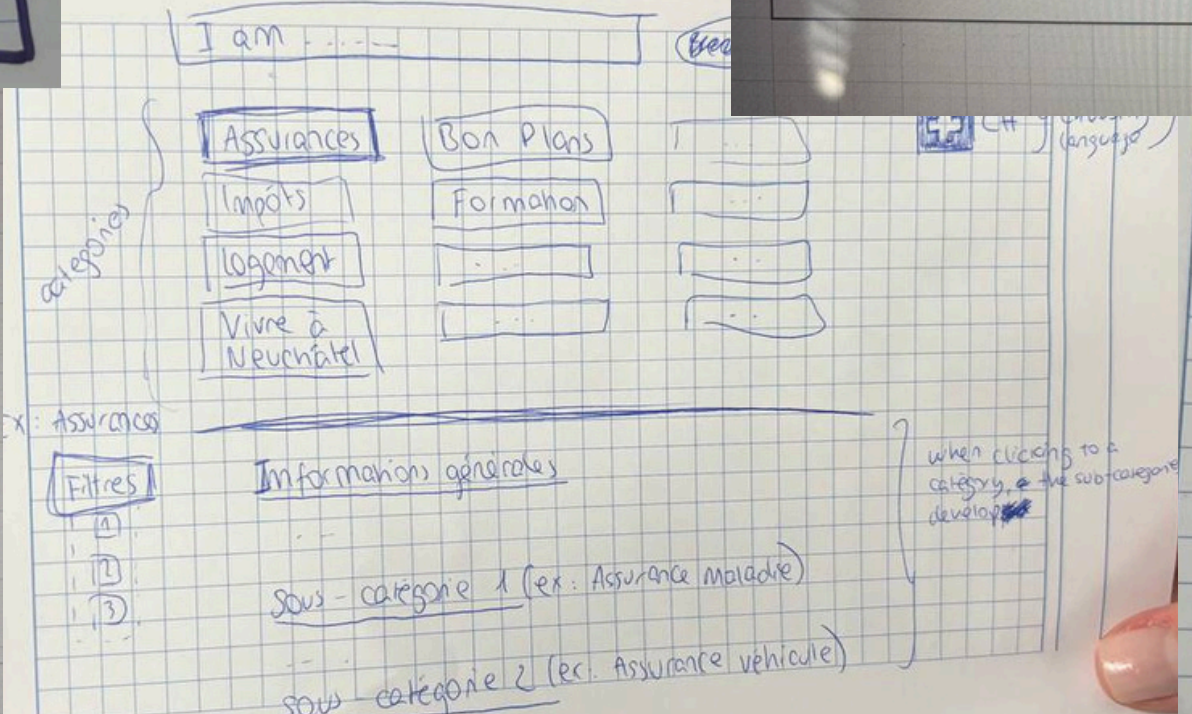
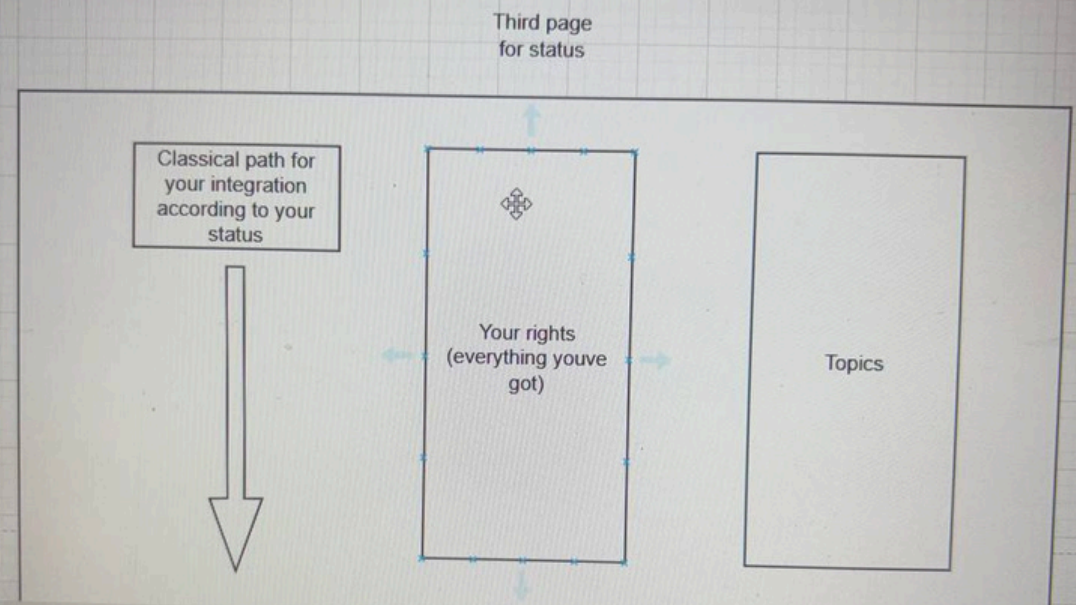
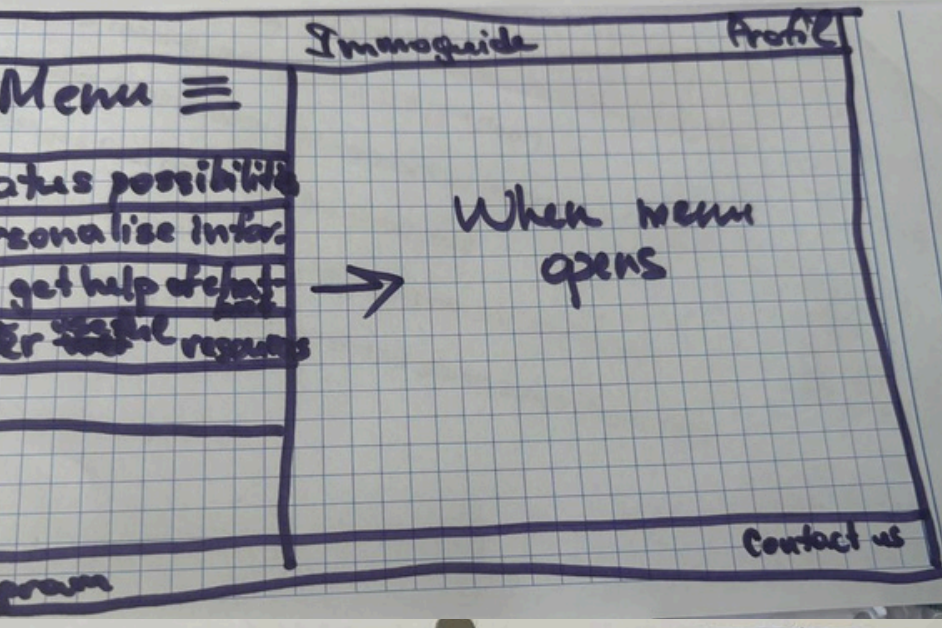
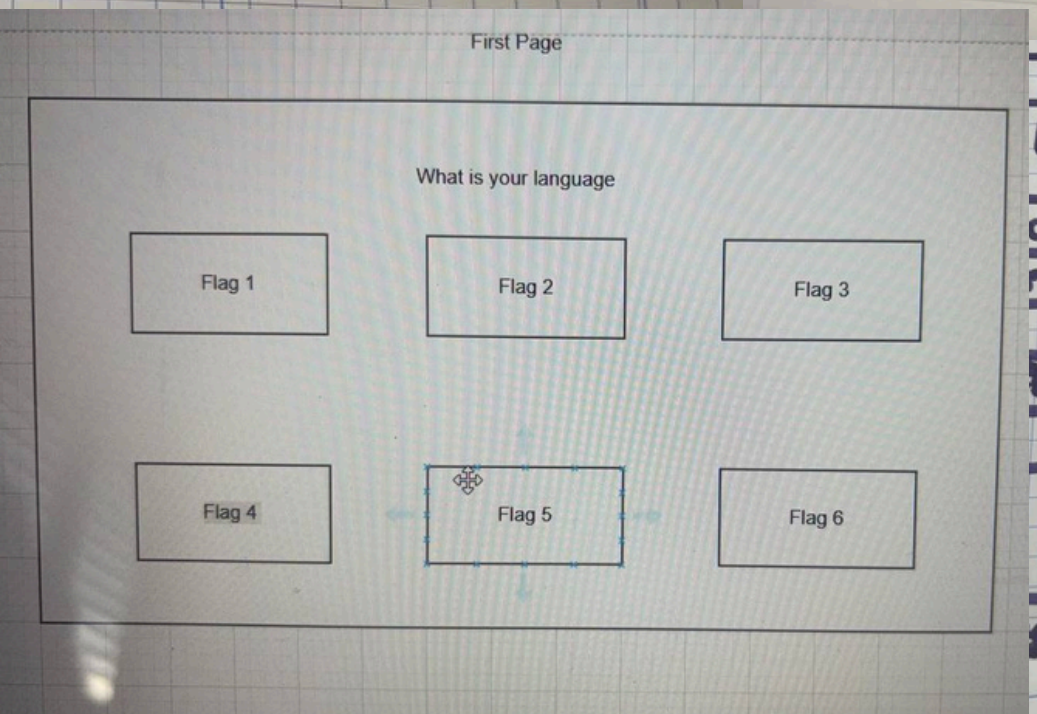
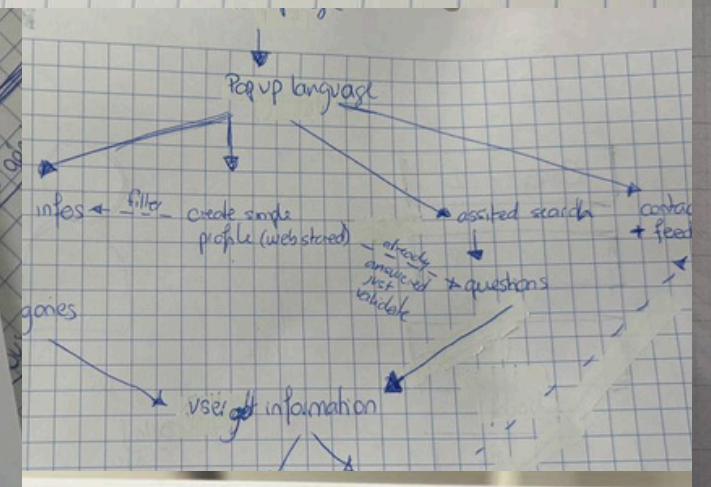
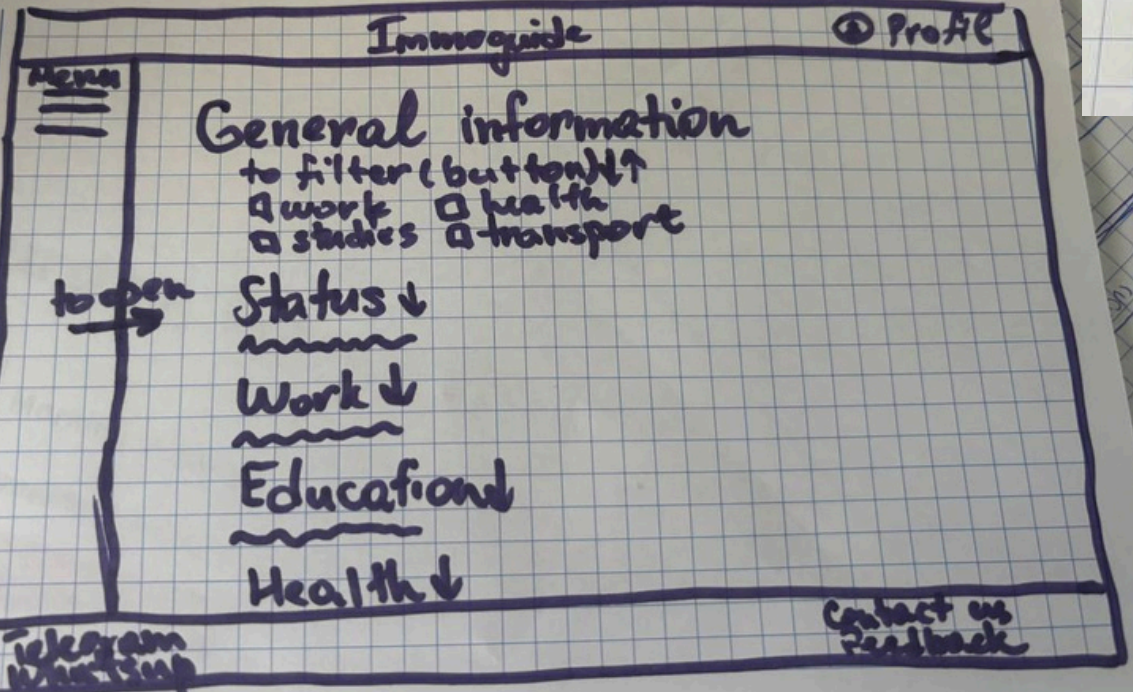
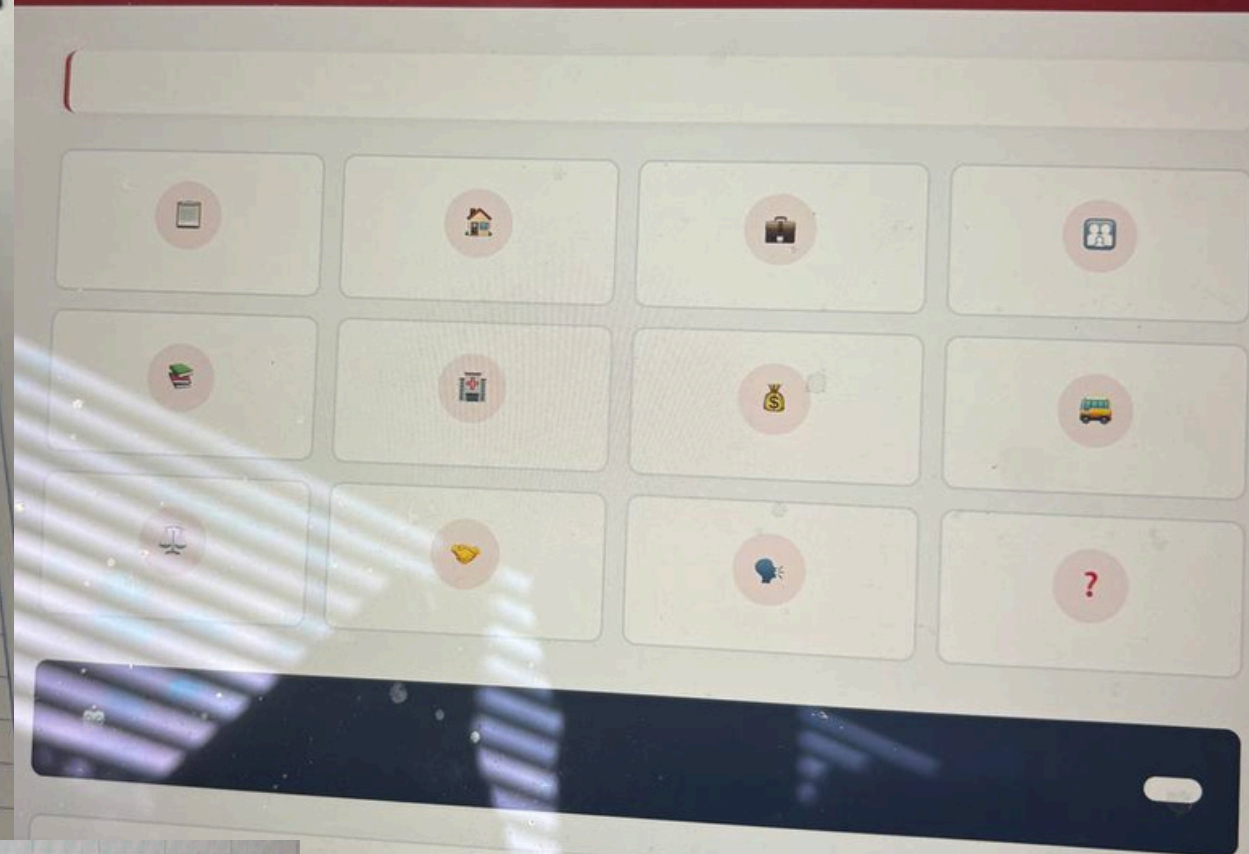
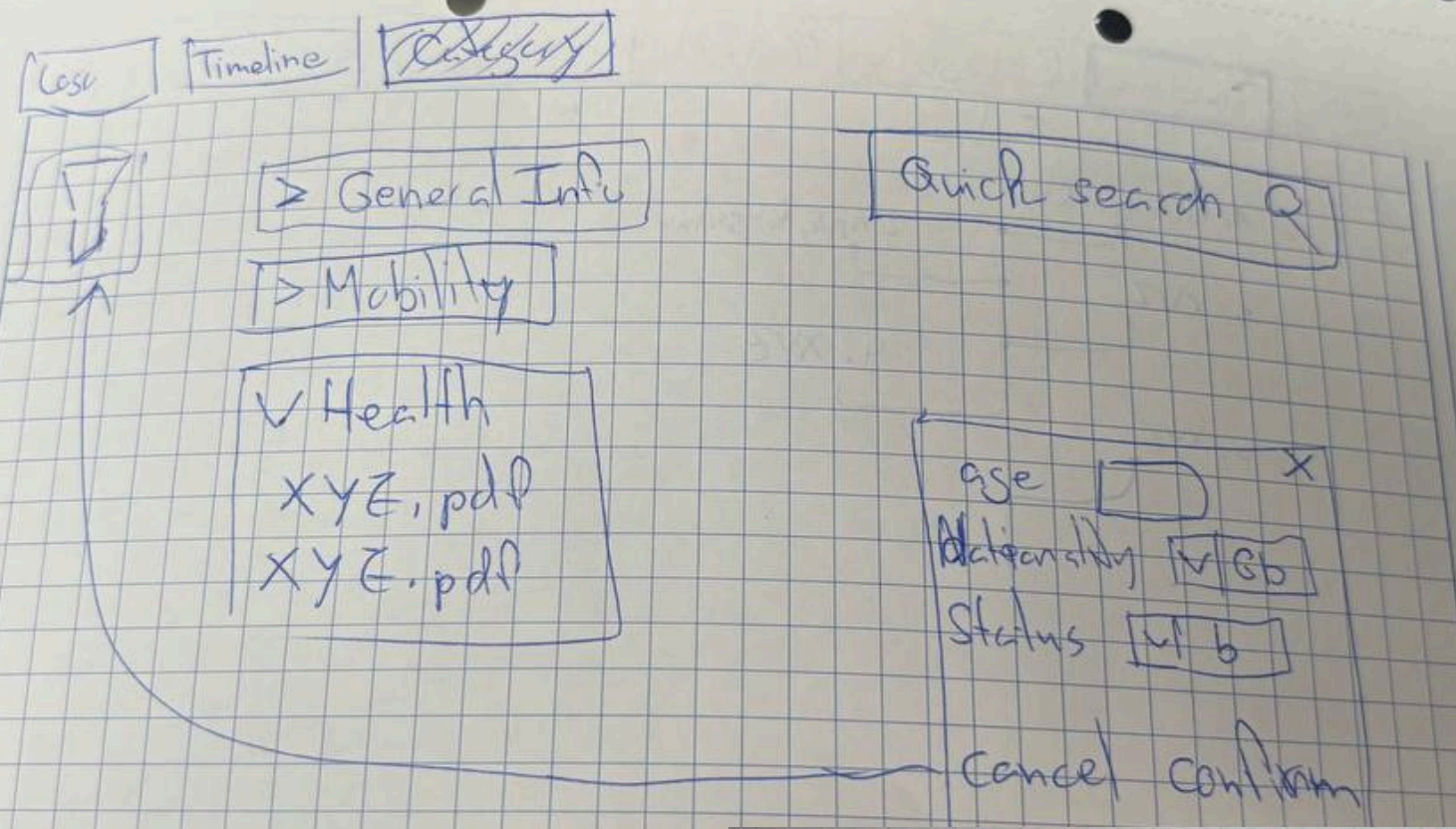
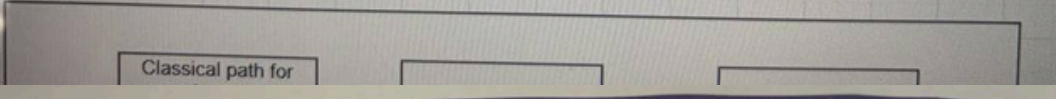
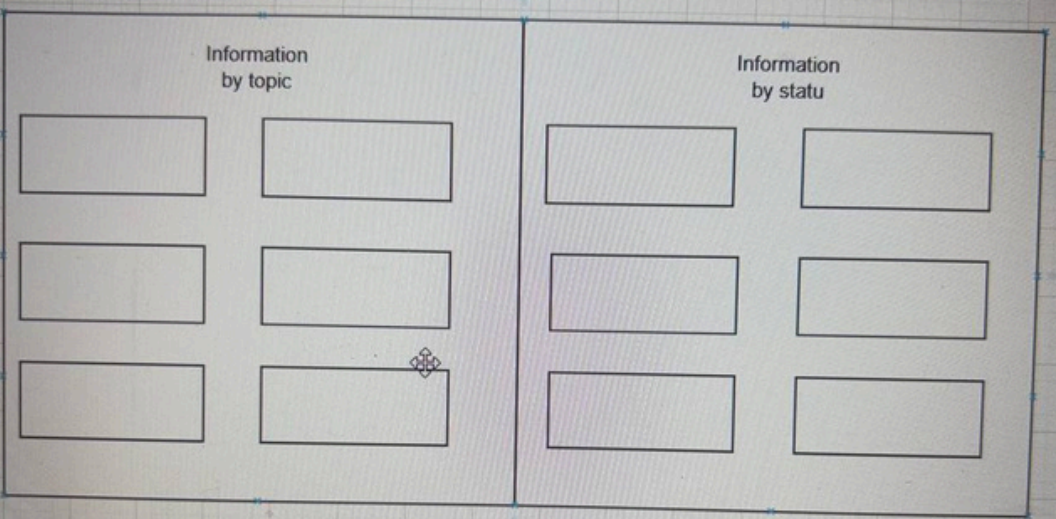


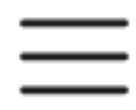
From Idea to Prototype



Brainstorm







Choose your language

Search...





Work



Education



Social help



Transport



Language courses



Health





[Residence status](#)

- EU/EFTA residents
- Permit B
- Permit C
- Permit L
- Permit N
- **Status S**
- Permit F
- Students
- Family reunification

[Timeline Guide](#) >

Filtered by Status S

Work



Education with



Social help



Transport



Language courses



Health





Residence status

- EU/EFTA residents
- Permit B
- Permit C
- Permit L
- Permit N
- Status S
- Permit F
- Students
- Family reunification

Timeline Guide >

Other useful resources

Timeline Guide

Choose your residence status ▼

- EU/EFTA residents
- Permit B
- Permit C
- Permit L
- Permit N
- **Status S**
- Permit F
- Students
- Family reunification

Arrival at federal asylum center

Personal registration & identification

Application for protection status S

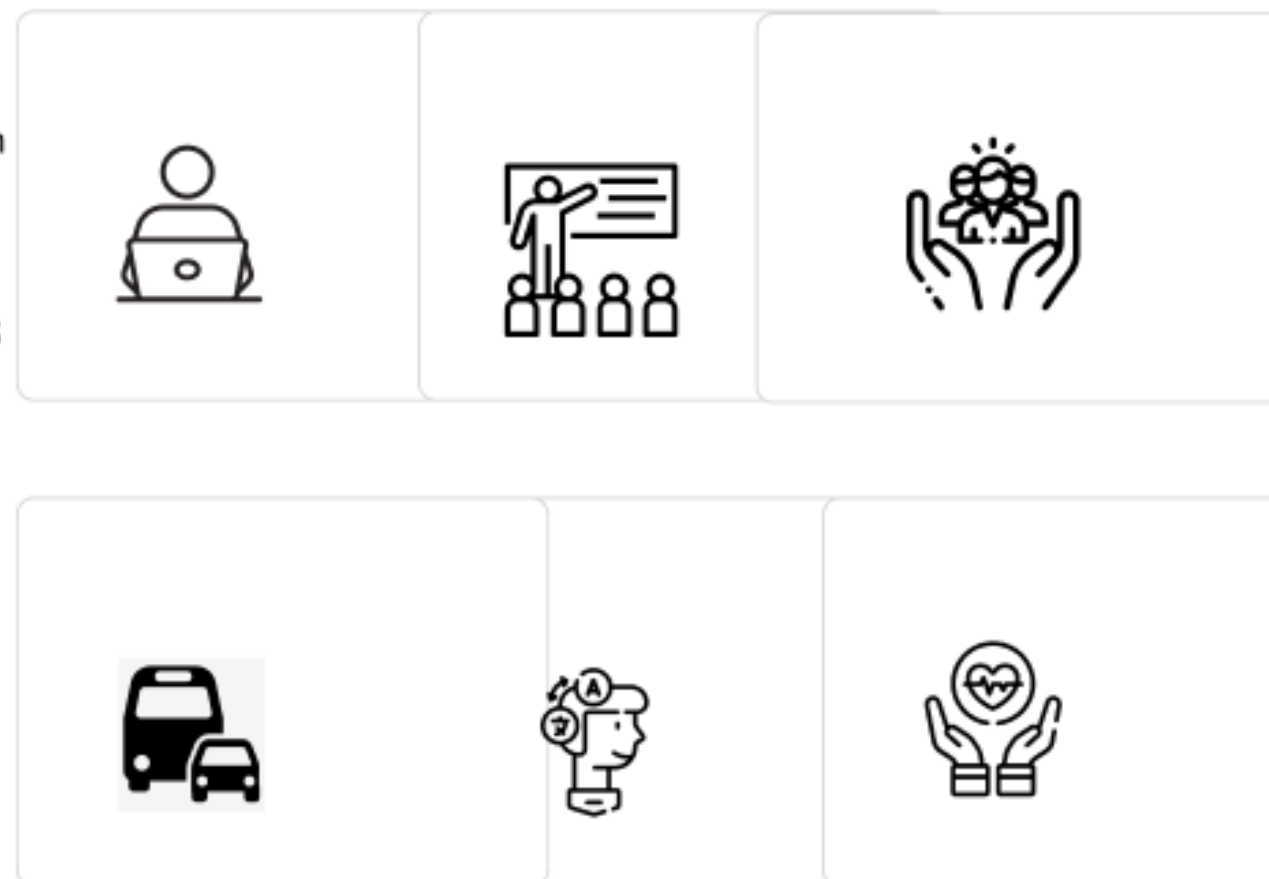
Transfer to canton (Neuchâtel)

Health insurance registration

Access to social support

Official confirmation of Status S

Timeline according to your choice





Residence status

- EU/EFTA residents
- Permit B
- Permit C
- Permit L
- Permit N
- Status S
- Permit F
- Students
- Family reunification

Timeline Guide

Other useful resources >

On this page, you can find additional useful links related to administration and social life in the canton of Neuchâtel

Canton of Neuchâtel official website

- <https://www.ne.ch/>

City of Neuchâtel official website

- <https://www.neuchatelville.ch/>

Regional news (Neuchâtel canton)

- <https://www.arcinfo.ch/neuchatel-canton/>

Job search platform (Switzerland)

- <https://www.jobup.ch/fr/>

Neuchâtel tourism guide

- <https://www.myswitzerland.com/en-ch/destinations/neuchatel/>

Let's Explore the Prototype



Questions & Answers

