# **IMWG**

Individuell Människohjälps WebbGuide

Joacim Nilsson Linus Jansson Mikael Hedkvist Therese Danley Sebastian Berglönn

# Individuell människohjälp

Improve the possibilities for newly arrived immigrants to become included in society and independent.



### The growing challenge

Navigating the "key technologies" we often take for granted.

- Using internet bank
- Paying online bills
- Accessing online services like the Swedish Public Employment Service (Arbetsförmedlingen)
- Making calls with Skype
- Setting up a Facebook account
- And more

#### Our solution

- Easy to understand web application
- Automatic translation for many languages
- Text-to-speech for tutorial content
- Speech-to-text messages to IM workers
- Tutorials for key technologies with:
  - Text
  - Images
  - Video
  - Audio
- Easy to add new content growing potential

## Implementation (proof of concept)

- One page application
  - o vue.js
- Dynamic content
  - WordPress backend
- Speech recognition
  - SpeechRecognition (web API)
- Active translation
  - Google Translate API

#### Benefits to IM

#### **Saving resources**

- A delivered working platform in 160 working hours (one month)
- Easy to add and update content

#### Saving time

- Letting your organisation reach out to more people without having to increase your manpower
- Simplify communication between newly arrived immigrants and IM volunteers and staff; quickly receive and answer questions

## Benefits to newly arrived immigrants

- Simple interface
- Easy instructions
- Automatic text translation
- Text-to-speech in native language
- Contact IM easily via voice message

Demo and questions!