Texcellence

Members:

Songha Ban
Rozanne van den Berk
Jakob Hauser

Max Belitsky
Ngoc Doan
Zen van Riel

Problem:

- Taking notes during a meeting can be distracting
- Language barriers
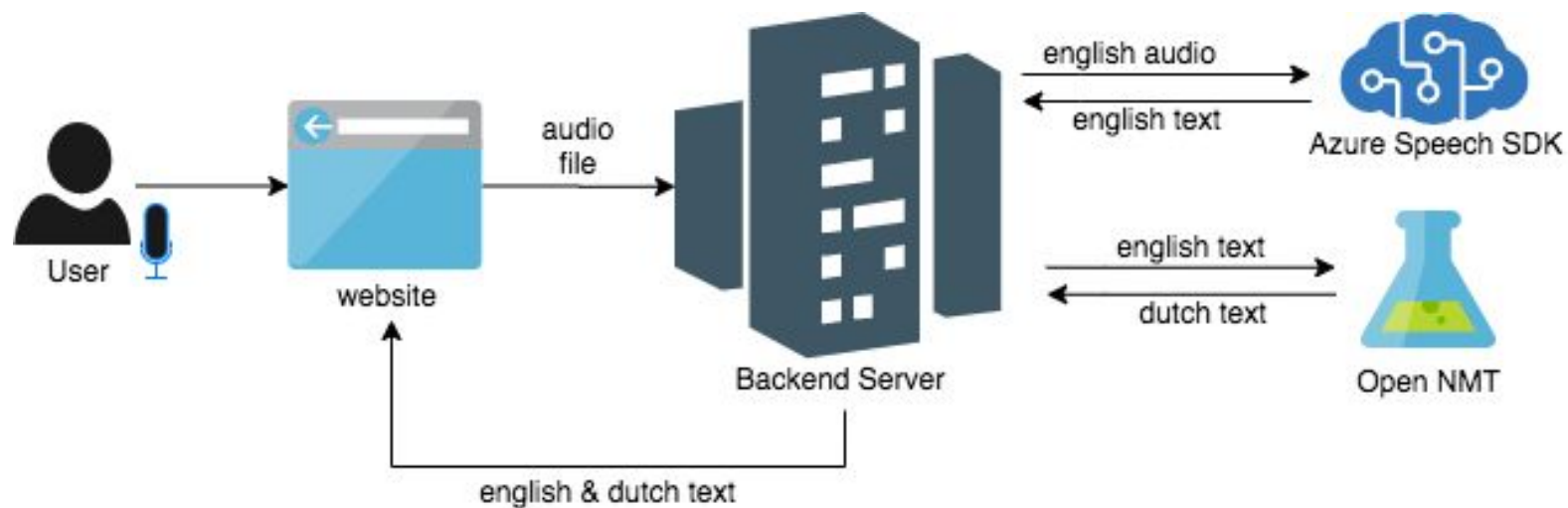   - e.g. sharing English meeting notes with Dutch partners

Solution:

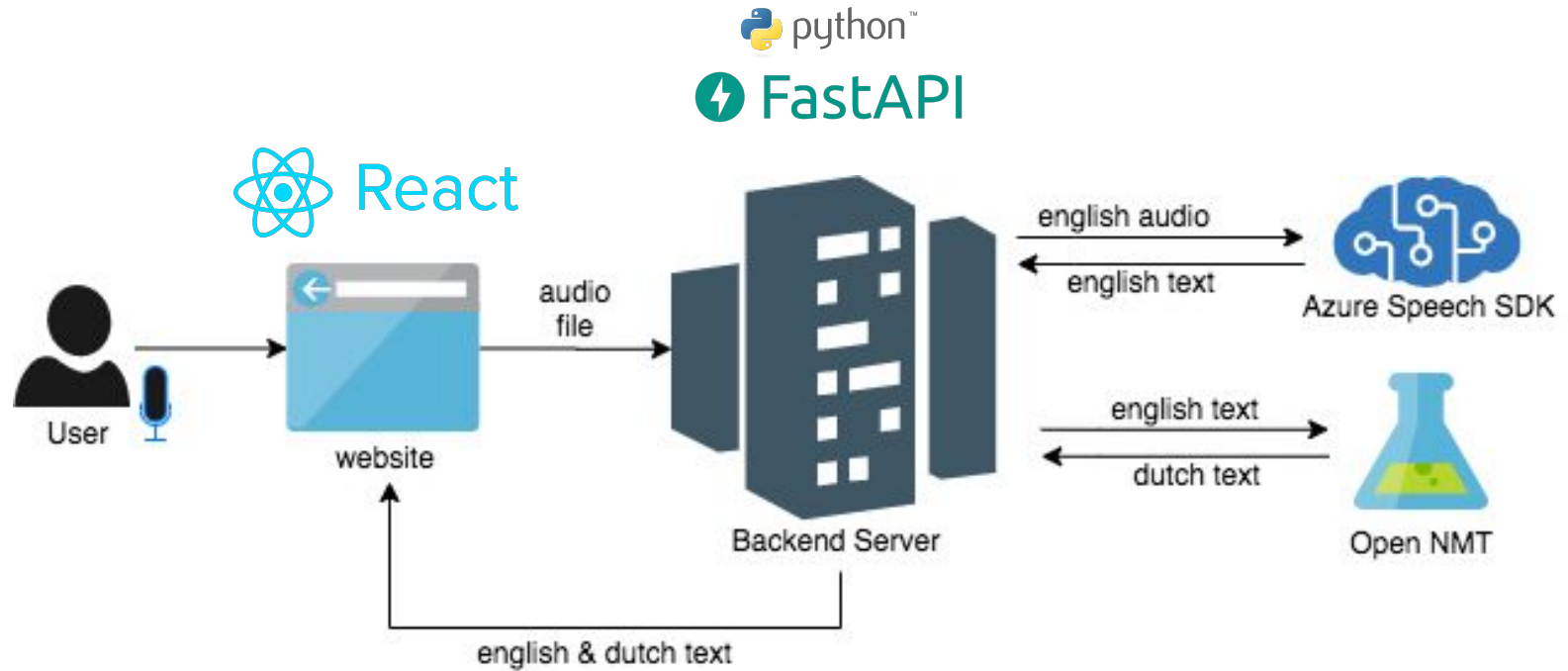AI meeting secretary that provides transcription and translation

Demo

Implementation

Implementation

Deployment

Frontend

Backend

Translation Model

Data
- EuroParl: 2,027,447 sentences in English and Dutch
- OpenSubtitles: 37,200,618 sentences in English and Dutch

Data Cleaning
- removed sentences including an indication of a name of the person talking
- removed sentences where word delta between english and dutch is too high

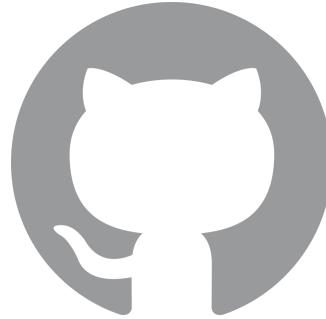## Training & Testing

OpenNMT

- BLEU score: 0.072

Working Method

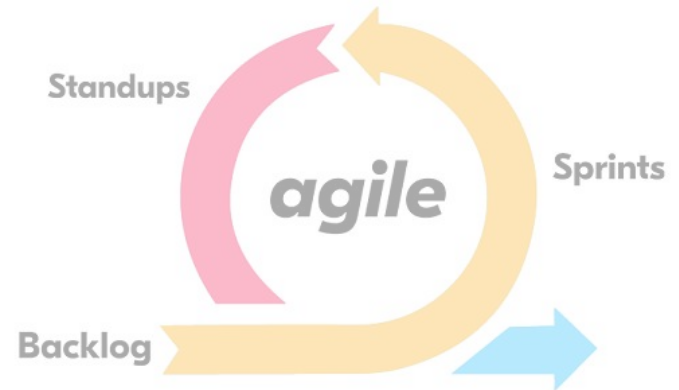Project management:
- Github Kanban board
- Github issues

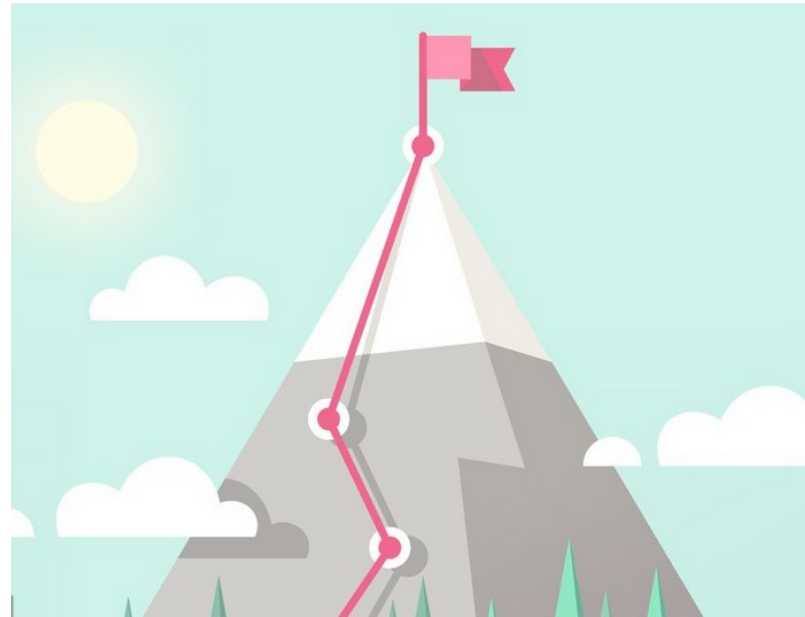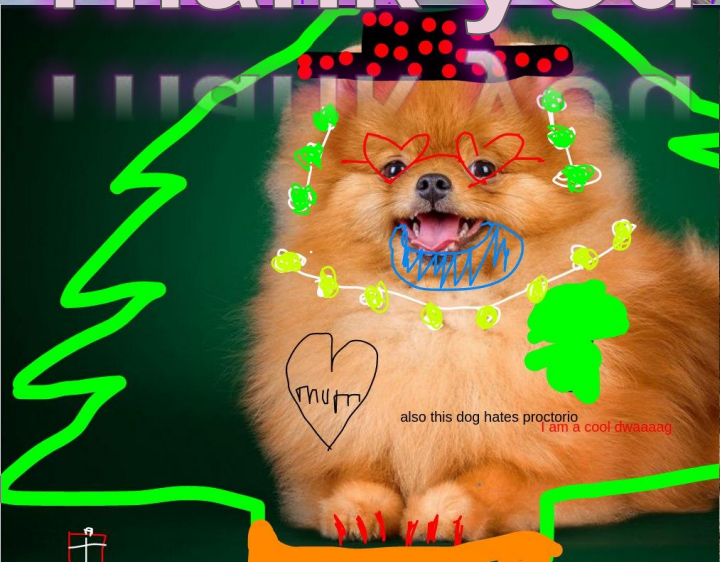Source code management:
- Github repository

Timeline:
- Sprint 1 (Jakob) : backend implementation
- Sprint 2 (Max) : frontend implementation
- Sprint 3 (Zen) : integration and testing
- Sprint 4 (Songha) : migration to the cloud
- Sprint 5 (Rozanne) : documentation and cleaning up

Standups

agile

Sprints

Backlog

Challenges

- No in person meetings

- Heterogenous schedules

- Availability of GPU machine for training

- Heterogeneous development environments

Thank you for your attention!