System Architecture HSRW Dokutool and intermediate data collection system

Project roles

PLONK: Jan Sonntag and Fabian Joeken

Speech recognition with Dialogflow: Dmitrij Poberej

Dmitrij's App (Recording Website for Apple Smartphones): Dmitrij Poberej

Dokutool PLONK

Input: Documentation of activities, usage, and amount of water/fertilizer/plant protection
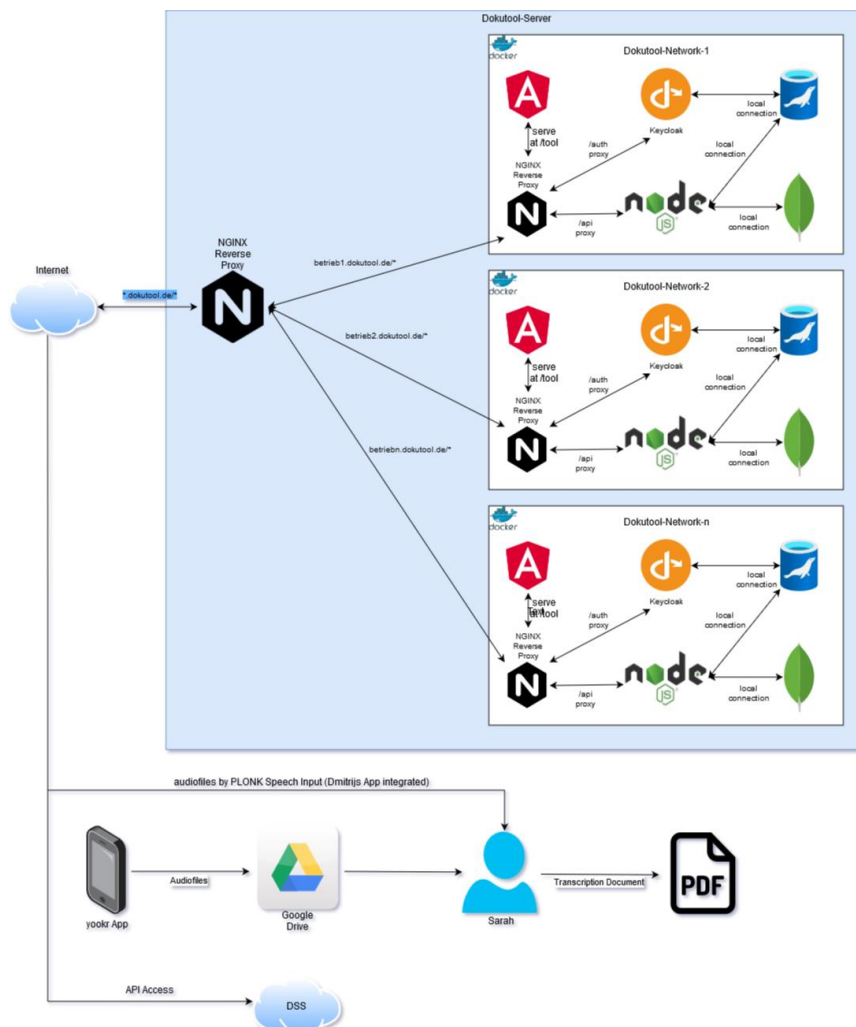Additional input: Reasons for certain activities

From: The gardeners

How: Input fields in the web interface or via Speech recognition

Output: API for accessing all Activities
Additional output: GLOBAL GAP Report

Where: To the decision support system

Intermediate data collection system

Input: Documentation of activities, usage and amount of water/fertilizer/plant protection

From: The gardeners

How: Audio recording with yookr App or Dmitrij's WebApp

Processing: Saved in cloud storage, manual transcription by Sarah

Output: Document with a table which consists of the name of the audio file and the corresponding text

Where: Used to gain information to develop Doku-Tool PLONK