Sprint 1 Plan - EK Health - Jan 12 - Revision 0

Goal: Our team needs to research an API and implement a small functionality that transcribes the audio into text.

Task listing, organize by user story:

Set-up Github - As software engineers, we need to setup a GitHub repository so that the team can efficiently progress.

- 3 Points - VT

Research APIs - As software engineers, we need to research all the possible APIs and choose at least three speech-to-text API's which meet the following characteristics:

- maximum recording length in minutes
- offline recording
- translation accuracy
- efficiency in terms of data usage and device performance
- 13 Points - GA, KC, RS, MC, LG, OR, VT

Research Android Speech Recognizer - As software engineers, we want to research this API, understand the limitations of it, and determine if it meets the criteria for our product.

- 13 Points - LG, RS, KC, GA

Research Pocketsphinx - As software engineers, we want to research this API, understand the limitations of it, and determine if it meets the criteria for our product.

- 13 Points - GA, LG, RS, KC

Research TLSphinx - As software engineers, we want to research this API, understand the limitations of it, and determine if it meets the criteria for our product.

- 13 Points - VT, OR, MC

Implement a voice-to-text prototype in Android - As software engineers, we want to build a working prototype of voice-to-text translation using our chosen API.

- 8 Points - LG, RS, KC, GA

Implement a voice-to-text prototype in iOS - As software engineers, we want to build a working prototype of voice-to-text translation using our chosen API.

- 8 Points - VT, OR, MC

Report status to product owner - As software engineers, we need to present the status of our prototype development to the product owner.

- 8 Points - LG, RS, KC, GA, VT, OR, MC

Team Roles:

Octavio (OR) - Software Engineer

Kalpana - Software Engineer

Robin - Software Engineer, Liaison

Karthik - Software Engineer, Scrum Master

George - Software Engineer

Marcos - Software Engineer

Lou - Software Engineer

Initial Task Assignment:

Octavio - Research api and implement small functionality

Kalpana - Research api and implement small functionality

Robin - Research api and implement small functionality

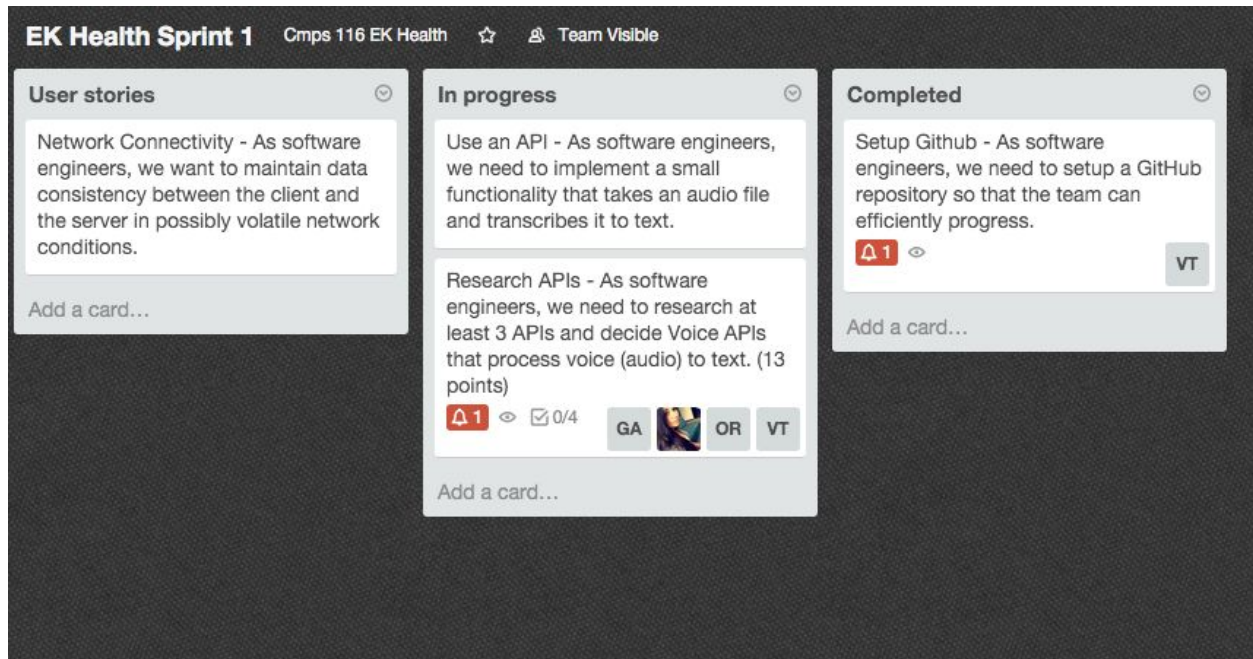Karthik - Research api and implement small functionality

George - Research api and implement small functionality

Marcos - Research api and implement small functionality

Lou - Research api and implement small functionality

Initial Burn Up Charts:

Initial Scrum Board:

EK Health Sprint 1 Cmps 116 EK Health ☆ 👥 Team Visible

User stories
Network Connectivity - As software engineers, we want to maintain data consistency between the client and the server in possibly volatile network conditions.

Add a card…

In progress
Use an API - As software engineers, we need to implement a small functionality that takes an audio file and transcribes it to text.

Research APIs - As software engineers, we need to research at least 3 APIs and decide Voice APIs that process voice (audio) to text. (13 points)

🔔 1 👁 ☑ 0/4   GA [img] OR VT

Add a card…

Completed
Setup Github - As software engineers, we need to setup a GitHub repository so that the team can efficiently progress.

🔔 1 👁   VT

Add a card…

Scrum Times:

Tue/Thu 6:00 PM - 7:45 PM