

Release Plan 2 EK VoiceText - EK Health - April 7 - June 3 - Version 2 (6/3/16)

Team Name: EK Health, DataCare

Team Members: Lou, George, Octavio, Karthik, Kalpana, Marcos

Tentative Project Title: EK VoiceTet

Description: A voice-to-text framework that enables healthcare professionals to record notes and view demographics information regarding the various patients under their care.

High Level Goals: Incorporate the workflow of adding a new “Activity Note” into a mobile platform (iOS and Android) and utilize the offline speech module (OpenEars and Pocket Sphinx) and the offline data synchronization. Improve the User Interface and User Experience.

Team Roles:

Octavio (OR) - Software Engineer

Kalpana (KC) - Software Engineer

Karthik (VT) - Software Engineer

George (GA) - Software Engineer

Marcos (MC) - Software Engineer

Lou (LG) - Software Engineer

User Stories for Release:

Sprint 1 (Scrum Master KC):

1. As software engineers, we need to FETCH data from an online database server (Firebase) so that we can connect the data to the UI objects in the application.

Tasks:

- a. Establish Firebase connection
- b. FETCH data from the database
- c. Parse JSON using SwiftyJSON on iOS and JSONReader on Android

- d. Connect JSON (key, value) pairs to UI Objects

User Points: 13 Points. VT MC LG KC GA OR

2. As software engineers, we need to continue developing (making modifications) the user interface for the iOS and Android versions of the applications so that the user experience between both applications is seamless.

Tasks:

- a. Follow iOS design guidelines
- b. Follow Android's Material design guidelines
- c. Minimize layout differences between both applications
- d. Design UI components (i.e. home screen icon) for both platforms
- e. Display the most recent report number
- f. Display who submitted the note(s) and at what time (reverse chronological order)
- g. User should be able to create a note for specific contact that is clicked

User Points: 13 Points. VT MC LG KC GA OR

3. As a user of the application, I want to note down how much time I spent working on a case so that I can bill the client properly and record it in the notes.

Tasks:

- a. Implement a timer object that keeps track a user is working on a client's case
- b. Record the timer in the notes
- c. Save the time into the database

User Points: 8 Points. GA VT LG MC

4. As software engineers we want to continue finding ways of improving offline voice recognition libraries.

Tasks:

- a. Research methods to improve offline libraries
- b. Test improvement efficiency

User Points: 3 Points. GA VT LG MC

Sprint 2 (Scrum Master LG):

1. As software engineers, we need to clean up all the code on both iOS and Android versions.

User Points: 6 Points. VT MC LG KC GA OR

Total Ideal Hours: 6

2. As software engineers, we need to continue working on the last views (Add Note and Notes Detail) and finish the UI completely.

Tasks:

- a. Finalize functionality of last couple views
- b. Implement Timer functionality (iOS)
- c. Finalize the UI cohesiveness of both Android and iOS

User Points: 16 Points. VT MC LG KC GA OR

Total Ideal Hours: 30

3. As a team, we want to practice the presentation of our application.

Tasks:

- a. Determine a script
 - i. Assign elaborative points to team members
 - ii. Decide on overall content and direction of presentation
- b. Have mock presentations

User Points: 21 Points. VT MC LG KC GA OR

Total Ideal Hours: 44

4. As a team, we need to finalize our poster, and send it to Linda for printing.

Tasks:

- a. Review poster with team to ensure content, grammar, and presentation are at its best.

User Points: 8 Points. VT MC LG KC GA OR

Total Ideal Hours: 20

Backlog:

We were not able to finish the following tasks:

1. As a user of the application, I want to note down how much time I spent working on a case so that I can bill the client properly and record it in the notes. We were able implement a timer object. However, the updated time was not reflected on the cloud database (Firebase).