

## **Sprint 1 Plan - EK VoiceText - EK Health - April 7 - May 2 - Version 1 (4/5/16)**

**Goal:** Our team needs to match up the User Interface/User Experience on both iOS and Android platforms. The team also needs to implement data synchronization after the application connects to a network after being offline. As a team, we need to set up methods to fetch, receive, and parse data from an online database to show proof of concept.

### **Task listing, organize by user story:**

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 (5 hours)
- b. FETCH data from the database (5 hours)
- c. Parse JSON using SwiftyJSON on iOS and JSONReader on Android (6 hours)
- d. Connect JSON (key, value) pairs to UI Objects (3 hours)

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

Total Ideal Hours: 19

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 (10 hours)
- b. Follow Android's Material design guidelines (10 hours)
- c. Minimize layout differences between both applications (10 hours)
- d. Design UI components (i.e. home screen icon) for both platforms (20 hours)

- e. Display the most recent report number (10 hours)
  - f. Display who submitted the note(s) and at what time (reverse chronological order) (5 hours)
  - 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
- Total Ideal Hours: 65

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 of how long the user is working for on a client's case (5 hours)
- b. Record the timer in the notes (3 hours)
- c. Save the time into the database (2 hours)

User Points: 8 Points. GA VT LG MC

Total Ideal Hours: 10

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

Tasks:

- d. Research methods to improve offline libraries ( 1 hour)
- e. Test improvement efficiency ( 1 hour)

User Points: 3 Points. GA VT LG MC

Total Ideal Hours: 2

### **Team Roles:**

Octavio (OR) - Software Engineer

Kalpana (KC) - Software Engineer, Scrum Master

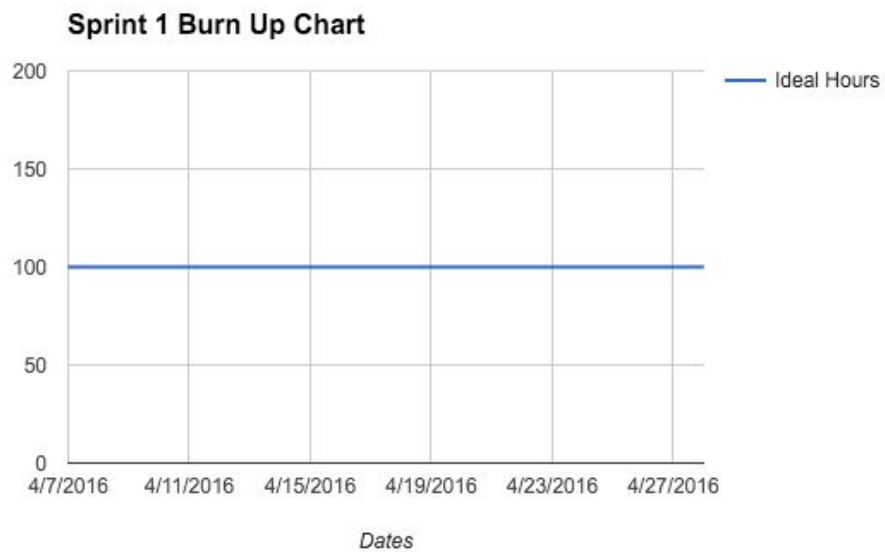
Karthik (VT) - Software Engineer, Liaison

George (GA) - Software Engineer  
Marcos (MC) - Software Engineer  
Lou (LG) - Software Engineer

**Initial Task Assignment:**

Octavio (OR) - User Story 2.b  
Kalpana (KC) - User Story 2.b  
Karthik (VT) - User Story 2.a  
George (GA) - User Story 2.b  
Marcos (MC) - User Story 1.c and 1.d  
Lou (LG) - User Story 1.c and 1.d

**Initial Burn Up Chart:**



## Initial Scrum Board

The screenshot shows a Jira Scrum Board for 'CMPS 117 Sprint 1'. The board is divided into five columns: Backlog / User Stories, To Do, In Progress, Completed, and Blocks. The 'To Do' column contains four user stories, each with a description, a priority (GA, MC, OR, VT), and a small image of a person. The 'In Progress' column is empty. The 'Completed' column is empty. The 'Blocks' column is empty. The 'Backlog / User Stories' column is empty. The board is titled 'CMPS 117 Sprint 1' and has a status of 'CMPS 117 EK Health'. The board is visible to the 'Team'.

Backlog / User Stories	To Do	In Progress	Completed	Blocks
Add a card...	<p>[13] 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.</p> <p>GA MC OR VT </p> <p>[13] 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.</p> <p>GA MC OR VT </p> <p>[8] 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.</p> <p>GA MC OR VT </p> <p>[3] As software engineers, we want to continue finding ways of improving offline voice recognition libraries.</p> <p>GA MC OR VT </p> <p>Add a card...</p>	Add a card...	Add a card...	Add a card...

## Scrum Times:

Monday 3 PM

Tuesday 1 PM

Thursday 1 PM (Scrum with TA)