

Sprint 3 Report - VoiceToText - EK Health - March 12, 2016

Actions to stop doing:

- We need to stop waiting to get answers from the mentors, instead we should focus on implementing smaller modules such as fingerprint scanning for authentication. Learning more about these technologies helps us build our personal skills while working on the project.
- We need to stop focusing on the front end UI details such as color scheme, icons, etc because the UI layout will change over time as we continue to work with the database. In order to save time and be efficient, we should stop detailing the different views in the application.

Actions to start doing:

- We need to start engaging the teammates that are not as verbal as the others in the group. It is very important to involve everyone equally into the conversation and value their input on the current situation of the team and where to move forward.
- The android team and the iOS team needs to start working together in building a universal layout. It is important that the users of the application have a similar feel when they work on different platforms.
- We need to start communicating with the new engineer (Alex) we met two weeks back. We should confirm with Alex that their test site's database reflects the changes we make on our application.

Actions to keep doing:

- Showing up earlier to designated meeting time to get more work done before the team meets as a whole. Doing a little bit of research or having some questions really saves time in meetings so that we do not waste time pondering about our blocks.
- Keep working with the UI and have every iteration reflect the server database. We need to receive input from everyone in the team and the mentor in order to create a more effective application for the users.

Work Completed/Not Completed:

List of user stories that were completed:

- As a developer, I need to load the most commonly used words by a nurse using DataCare's web service into the application system, so the offline speech recognition accuracy increases. 8 Story Points
- As software engineers, we need to perform testing and ensure the project we build is functional. 3 Story Points
- As a developer, I need to build a similar interface for Android and iOS, so that users feel comfortable switching their platforms and still feel they are using the same system. 13 Story Points
- As a developer, I need to construct a mobile application, so that the nurses can interact with a system that mimics the DataCare's web service. 5 Story Points

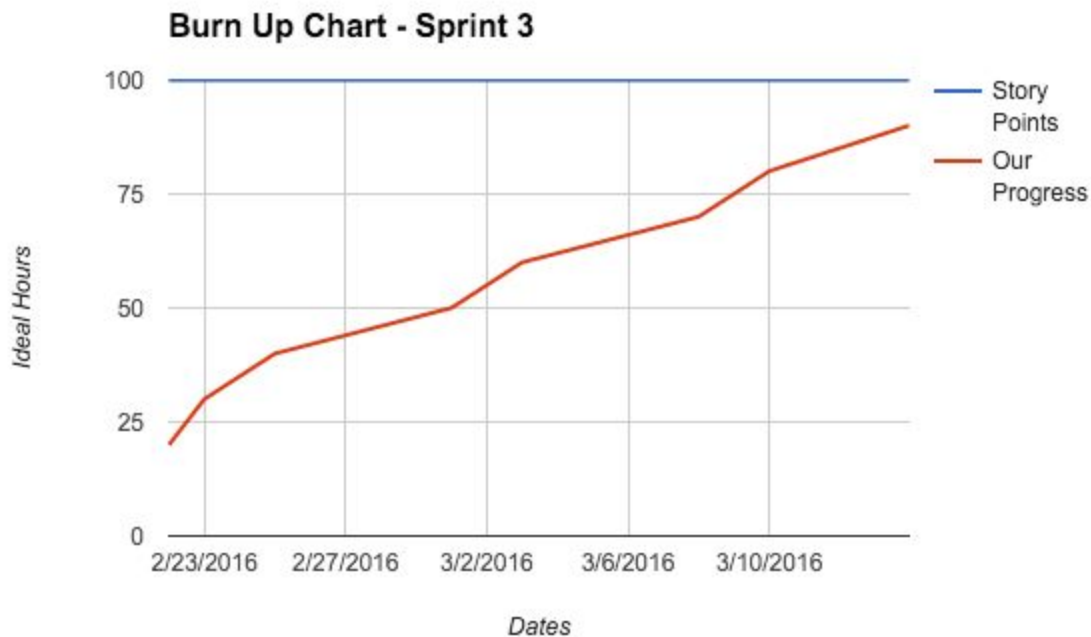
List of user stories that were not completed:

- Network Connectivity - As software engineers, we want to maintain data consistency between the client and the server in possibly volatile network conditions. 6 story points
- User Manual - As a user, I must be able to read and have access to a user manual, so that I can understand how to login, view cases, edit notes for a case, and create cases. 3 Story Points

Work Completed Rate:

We completed about 90 out the 100 ideal hours planned for sprint 3. The team was able to complete 4 user stories out the 6 planned for sprint 3. Sprint 3 was approximately 18 days (2.6 + weeks). The rate is 2 user stories per week, which is about 0.5 user story per day. We spent about 5 ideal hours per day to reach our Sprint 3 goal. In Sprint 1, we completed 60 out of 70 ideal hours. In sprint 2, we completed 65 out of 70 ideal ours.

With Sprint 3 done, the total is 215 hours completed out of 230 ideal hours, which is about 93% of work completed. Since the last sprint, we have completed 17 user stories out of the 21 user stories. Below are images of the burn up charts and the trello storyboard.



Final Scrum Board

