**Daily Scrum Meeting Minutes: June 12th, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 4:36 PM

End time: 5:19 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Met up with previous designer of SkillCourt Felix, he was in charge of programming the code in the rPi that received hits and sent colours to the Arduino hardware. He showed us the source codes and told us of shortcomings he encountered and gave us a better understanding of how the Arduinos use static IPs to connect to the rPi which sends data to and from the app.
* What is planned to be done until the next scrum meeting?
* Planning on brainstorming and starting to implement ideas for the account creation. Must coordinate with Pedro to see the current state of accounts and what needs to be implemented so that I may start drawing out UML diagrams to ensure I capture exactly what the product owner wants.
* What are the hurdles?
* Still not 100% sure how they want to implement account creation in regards to what kind of information the account will hold. Similar to Richards hurdle, if I don’t know ahead of time that accounts should save Predetermined Sequences I cannot add them.

Richard Rodriguez:

* What was done since the last scrum meeting?
* Began to brainstorm how to approach and reach a solution to the Coaching Predetermined Sequence.
* What is planned to be done until the next scrum meeting?
* Do the workflow and diagrams and possibly see what other methods (as dependencies) will need to be affected.
* What are the hurdles?
* Thinking about the Coaching Predetermined Sequence might be easier to implement when saved locally on the Android device; however, it might pose a larger hurdle if it needs to be added to the mobile profile (on Firebase) so that it can appear on any Android device the user has logged on to. Will speak to the owner, to see if I can implement this feature locally, at first and for testing purposes, and then port it on the mobile profile (which might include changing the database).

**Daily Scrum Meeting Minutes: June 13th, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 9:58 PM

End time: 10:11 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Started drawing up how the structure of a account should look like, still need to assure with product owner what he wants to be stored on personal accounts and what can be saved on the User’s app itself.
* What is planned to be done until the next scrum meeting?
* Will continue to gather information on how we will save these accounts, whether to use the existing firebase service or or another domain. Also meeting Felix again at 2:30 PM tomorrow. He should have set up the rPi’s for us with the button and LED for an easy way to test the app.
* What are the hurdles?
* Running into the same problem as my partner regarding the Firebase database and not having a good understanding of what need to be saved onto an account in order to start creating the User case.

Richard Rodriguez:

* What was done since the last scrum meeting?
* Brainstormed the workflow, how differences subsystems would be affected, and draw a barebone diagram on paper.
* What is planned to be done until the next scrum meeting?
* Brainstormed a bit more, create all the tasks that will be needed, and create the diagram. Will be meeting tomorrow with Felix (a hardware mentor from last semester) at FIU at 2:30 PM. He will aid in helping us setup the hardware correctly.
* What are the hurdles?
* My partner’s user story, the Accounts User Story, will also deal with the database, as well as my story. We will need to decide if we are to implement both changes to the database at the same time, which will require us to analyze the rest of the methods in the app, as an inadvertent change to the database can result in a broken app. We might need to sit or have a conference call with the product owner, Gummi, so that we can have his input on this. We might have to do these in separate files, not even touching the database at this time, until we have figured things out.

**Daily Scrum Meeting Minutes: June 14th, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 1:55 PM

End time: 2:00 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Organized account structure and started looking at how Skillcourt syncs with Firebase and how the current accounts are structured to improve them and add the enhancements.
* What is planned to be done until the next scrum meeting?
* Meet with Felix, who should provide us with the custom rPi’s for an easy way of testing enhancements made. Quickly and without the need for a length setup of all the Arduino pads.
* What are the hurdles?
* None.

Richard Rodriguez:

* What was done since the last scrum meeting?
* Brainstorm and came up with pre-diagrams on the affected systems.
* What is planned to be done until the next scrum meeting?
* Continue to brainstorm and to meet with Felix tomorrow.
* What are the hurdles?
* Will not be able to meet with Felix until tomorrow, Thursday at 3:00pm. Will need to shift my work to continue brainstorming and to continue to see what other functions will will affected if we advanced on modifying the Firebase database.

**Daily Scrum Meeting Minutes: June 15th, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 8:08 PM

End time: 8:18 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Met up with Felix regarding the rPi's that he was setting up for us. Fixed issues in the ArduinoConnectionManager and we were finally able to start/play a game from our newly enhanced app. Both our features were working. Felix also showed me how to access the code within the rPi's using an Ethernet cord and an "VNC viewer" program. Went over the Python code and described what certain methods do.
* What is planned to be done until the next scrum meeting?
* Will start drawing out diagrams of how the accounts will be structured and continue to research on Firebase.
* What are the hurdles?
* Felix encountered some last minute problems with the rPi, the LED strip wasn't registering. He asked us if we could met again on Monday.

Richard Rodriguez:

* What was done since the last scrum meeting?
* We had the meeting with Felix at the EC building. He showed us what we needed to have/install in order to connect to and be able to access the Raspberry Pi. Also, he provided us with the source code for both, Python and C.
* What is planned to be done until the next scrum meeting?
* We will analyze the Python code that’ll be running on the Raspberry Pi. Since this is new hardware, we will have to verify that the methods in the app. We will meet with Felix on Monday, too.
* What are the hurdles?
* New hardware (from Arduino to Raspberry Pi) means that we might find some errors. Felix mentioned to us that the Python code was not fully fault-free, so we will have to debug it when testing it. Fortunately, the changes he made allow us now to connect to the LED pads so that we can test our source code (when compiled as an Android app) so that we can test our versions. However, the change in hardware, coupled with the pending changes/modifications to the Firebase database are incrementing the chances of us running into more problems.

**Daily Scrum Meeting Minutes: June 16th, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 8:00 PM

End time: 8:15 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Started drawing out diagrams of how the accounts will be structured and continued to research on Firebase.
* What is planned to be done until the next scrum meeting?
* Start working on the feature document for the Set-Up Account User Story.
* What are the hurdles?
* None

Richard Rodriguez:

* What was done since the last scrum meeting?
* We checked the Python and C code provided. Will proceed to implement the new functions and test with the hardware.
* What is planned to be done until the next scrum meeting?
* We will be meeting with Felix on Monday to go over the hardware implementation.
* What are the hurdles?
* Have yet to hear from product owner if we have permission to upload the source code to GitHub. At the same time, we need to hear from him if it’s okay to try to implement the new features without changing the database structure

**Daily Scrum Meeting Minutes: June 19th, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 9:20 PM

End time: 9:25 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Started the feature documenting on the Set-Up Accounts Story.
* What is planned to be done until the next scrum meeting?
* Finish up the majority of the feature document and start working on the code behind it.
* What are the hurdles?
* None

Richard Rodriguez:

* What was done since the last scrum meeting?
* Still going over the source code for the hardware implementation. Will not meet with felix today.
* What is planned to be done until the next scrum meeting?
* Will obtain the test of the hardware from Felix, so that David and I can connect all the hardware and do preliminary testing.
* What are the hurdles?
* Still waiting to hear from the product owner on regards to the GitHub. There was no need to meet with Felix because we were able to connect the hotspot. Tomorrow, when we get the test of the hardware, we will connect all of it and see if all the units work. I am anticipating that we will run into problems, as the hardware architecture is different, which will prevent us from further implementing the current and future features.

**Daily Scrum Meeting Minutes: June 20th, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 9:55 PM

End time: 10:05 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Developed more User cases for the Set-Up Account Story.
* What is planned to be done until the next scrum meeting?
* Will continue to cover all User Stories and start working on a few Sequence Diagrams and other UML diagrams.
* What are the hurdles?
* Underestimated the find required to write out all user cases involved in the Set-Up Accounts Story. Have to allocate more time towards fully cover the scope of this feature in order to start programming it.

Richard Rodriguez:

* What was done since the last scrum meeting?
* Began to draft the UML diagrams
* What is planned to be done until the next scrum meeting?
* Continue developing the UML diagrams and begin to work on the Use Cases.
* What are the hurdles?
* None.

**Daily Scrum Meeting Minutes: June 21st, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 3:46 PM

End time: 3:59 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Worked on a few more diagrams for the Set-Up Account story.
* What is planned to be done until the next scrum meeting?
* Tomorrow we will meet with product owner, where I will return the hardware provided to me. Gummi said he is going to introduce us to a new member who will bring better ways of improving the hardware.
* What are the hurdles?
* None.

Richard Rodriguez:

* What was done since the last scrum meeting?
* Worked on a few of the UML diagrams and Use Cases, transferring them from drafts on paper to Visio.
* What is planned to be done until the next scrum meeting?
* We will be meeting with the product owner, Gummi, tomorrow in the Engineering Center, along with the Engineering Design Team. We will exchange ideas, inform on our progress/hurdles, and obtain ideas on what direction Skill Court will be heading to and how we need to adjust our sprints to meet the demand.
* What are the hurdles?
* None.

**Daily Scrum Meeting Minutes: June 22nd, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 3:55 PM

End time: 4:04 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Met up with Gummi and was introduced to Michael. We talked about to further of the hardware of Skillcourt and we were informed of a possible meeting next week with Miami FC, to gather some information on how professionals like our current system and in what ways could we improve.
* What is planned to be done until the next scrum meeting?
* Finish off current ongoing documentation on this sprint, have our end of sprint meeting with Gummi, then the retrospective between Richard and I.
* What are the hurdles?
* There was a consensus between all of us after hearing Michael's point of view on the structure of the hardware. There was an unnecessary connection between the Arduino hardware, the rPi “hotspot” connector, and the actual Android app. The current goal is to cut out the need to have an rPi connector, instead have the Android app connect to the Arduino pads directly for a more fluid and responsive system.

Richard Rodriguez:

* What was done since the last scrum meeting?
* Today we met with the product owner, Gummi, in the Engineering Center, along with the Engineering Design Team. We exchanged ideas, which will cause our next sprint to be adjusted to meet the demands of the product owner.
* What is planned to be done until the next scrum meeting?
* We will finish to work on the current implementation and finalize the paperwork for the current sprint.
* What are the hurdles?
* The product owner has decided to pause the current stories and switch to new ones. This means we will have to finish the current paperwork and start working on the new features he wants to implement on the next sprint. He reached that conclusion based on inputs from the Engineering Design Team, other out of state teams/partners, and from us. The RaspBerry Pi’s will be abandoned and a new rewrite of the Arduinos will be required, which will change the way the app communicates with the pads.

**Daily Scrum Meeting Minutes: June 23rd, 2017**

Attendees: David Schiumerini, Richard Rodriguez

Start time: 7:57 PM

End time: 8:16 PM

David Schiumerini:

* What was done since the last scrum meeting?
* Finished all pre-code aspects of the feature document for Set-up Accounts and sent to product owner.
* Did Sprint review.
* What is planned to be done until the next scrum meeting?
* Conduct Sprint 3 retrospective.
* Sprint 4 planning on Monday.
* What are the hurdles?
* Our current Stories are getting paused until we implement the new feature of bypassing the need for a rPi hotspot.

Richard Rodriguez:

* What was done since the last scrum meeting?
* Worked on finalizing the feature paperwork and sent it to the product owner in preparation for the review.
* What is planned to be done until the next scrum meeting?
* We will be meeting with the product owner to do the sprint planning.
* What are the hurdles?
* None.