Project Title:

**Robotic Arm 1.0**

Student Members:

**Curtis Cox**

**Shadeh Ferris-Francis**

Product Owners:

**Nagarajan Prabakar**

Mentors:

**Nagarajan Prabakar**

Instructor:

**Masoud Sadjadi**

Date: 1/19/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:00am

End time: 7:27am

Student1:

* What was done since the last scrum meeting?

1. [First Scrum Meeting]
2. ...
3. ...

* What is planned to be done until the next scrum meeting?

1. Learn Python
2. Get familiar with Motion Capture software
3. ...

* What are the hurdles?

1. Need the Motion Capture software
2. ...
3. ...

Student2:

* What was done since the last scrum meeting?

1. [First Scrum Meeting]
2. ...
3. ...

* What is planned to be done until the next scrum meeting?

1. Send software/docs to Curtis
2. Work on documentation and diagrams
3. ...

* What are the hurdles?

1. [None]
2. ...
3. ...

...

Date: 1/20/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30am

End time: 7:50am

Student1:

* What was done since the last scrum meeting?

1. [Was sick yesterday]
2. ...
3. ...

* What is planned to be done until the next scrum meeting?

1. Look at documentation
2. ...
3. ...

* What are the hurdles?

1. ...
2. ...
3. ...

Student2:

* What was done since the last scrum meeting?

1. Wrote User Stories
2. ...
3. ...

* What is planned to be done until the next scrum meeting?

1. Refine User Stories
2. Add Curtis to Discovery Lab github

* What are the hurdles?

1. .
2. ...
3. ...

...

...

Date: 1/25/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30am

End time: 7:49am

Student1:

* What was done since the last scrum meeting?

1. [Traveling]
2. ...
3. ...

* What is planned to be done until the next scrum meeting?

1. Look at documentation
2. ...
3. ...

* What are the hurdles?

1. Need to get in contact with Product Owner, Dr. Prabakar to discuss user stories for Mocap
2. ...
3. ...

Student2:

* What was done since the last scrum meeting?

1. Wrote user stories
2. Entered cards in Mingle
3. ...

* What is planned to be done until the next scrum meeting?

1. Documentation for user stories.
2. ...
3. ...

* What are the hurdles?

1. Mingle cards are not showing up in current release.
2. ...
3. ...

...

Date: 1/26/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:34am

End time: 7:57am

Student1:

* What was done since the last scrum meeting?

1. Spoke Dr. Prabakar, the product owner
2. ...
3. ...

* What is planned to be done until the next scrum meeting?

1. Learn Python
2. Get familiar with Motion Capture software
3. ...

* What are the hurdles?

1. Needs more detail for Mocap
2. ...
3. ...

Student2:

* What was done since the last scrum meeting?
  1. Spoke to Dr. Prabakar
  2. Worked on Deployment and Class Diagram for Voice Recognition system.
* What is planned to be done until the next scrum meeting?
  1. Add tasks to User Stories for Sprint 1
  2. Make Diagrams.
* What are the hurdles?
  1. Mingle still set to release 1

...

Date: 1/27/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30am

End time: 7:47am

Student1:

* What was done since the last scrum meeting?
  1. Went to lab to talk to Lab member; got a clear understanding/setup Mocap.
  2. Learning python, getting familiarized with code.
* What is planned to be done until the next scrum meeting?
  1. Is meeting with Dr. Prabakar today to get information for user stories; Conference call with Dr. Prabakar and other partner at 9:30pm.
* What are the hurdles?
  1. Looking for feature requests from Dr. Prabakar.

Student2:

* What was done since the last scrum meeting?
  1. Figured out the Mingle board.
  2. User Stories are up
  3. Tasks allocated for user stories for sprint 1.
* What is planned to be done until the next scrum meeting?
  1. Diagrams for user stories for sprint 1 completed.
* What are the hurdles?

None.

Date: 1/28/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30am

End time: 7:52am

Student1:

* What was done since the last scrum meeting?
  1. Wrote a user story for Sprint 1.
  2. Started working on feature document
  3. Meeting with lab member to see the delay with DDS
* What is planned to be done until the next scrum meeting?
  1. Understanding the message flow from when the Operator moves his arm to when the Robot moves his arm.
* What are the hurdles?
  1. Trying to finish the Sprint in 2 days.

Student2:

* What was done since the last scrum meeting?
  1. Finished use cases for three stories for sprint 1.
* What is planned to be done until the next scrum meeting?
  1. Creating sequence diagrams
* What are the hurdles?
  1. Allocate more time.

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Date: 1/29/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30am

End time: 7:49am

Student1:

* What was done since the last scrum meeting?
  1. Went to the lab and worked with sensors; tried to find delay issue. Will go back to the lab to work with sensors and find the delay.
* What is planned to be done until the next scrum meeting?
  1. Will share with Dr. Prabakar the cause of the Mocap delay.
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Finished 2 sequence diagrams.
* What is planned to be done until the next scrum meeting?
  1. Finish last Sequence Diagrams
  2. Refine class diagrams (Voice Control Master Program, and Slave Subscribe program)
* What are the hurdles?
  1. None.

...

Date: 2/1/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:39 am

Student1:

* What was done since the last scrum meeting?
  1. Continued to learn about the existing system
* What is planned to be done until the next scrum meeting?
  1. Start working on documentation
* What are the hurdles?
  1. Finding existing information

Student2:

* What was done since the last scrum meeting?
  1. Uploaded Video for Dr. Sajadi
* What is planned to be done until the next scrum meeting?
  1. Begin working on documentation for user Stories (for Sprint 2)
  2. Study up on J-Unit
* What are the hurdles?
  1. None

Date: 2/2/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:50 am

Student1:

* What was done since the last scrum meeting?
  1. Went to the lab to meet another member to collect documentation and got files that used to be on the Drive
* What is planned to be done until the next scrum meeting?
  1. Finish documentation for user story, start development
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Worked on user story in Mingle, refining and adding tasks.
* What is planned to be done until the next scrum meeting?
  1. Do documentation for user story.
* What are the hurdles?
  1. None

Date: 2/3/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:39 am

Student1:

* What was done since the last scrum meeting?
  1. Completed the documentation and diagrams, began development
* What is planned to be done until the next scrum meeting?
  1. Plan to have classes created and start testing
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Completed documentation and diagrams.
* What is planned to be done until the next scrum meeting?
  1. Set up the Windows VM and install Mocap Studio.
  2. Setup the Master Publisher on Linux host.
* What are the hurdles?
  1. None.

Date: 2/4/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:39 am

Student1:

* What was done since the last scrum meeting?
  1. Finished writing test drivers
  2. Went to lab to test the test drivers
* What is planned to be done until the next scrum meeting?
  1. Go to lab and test drivers
  2. Test spare CM700
  3. Build GUI
* What are the hurdles?
  1. Servomotors on robot not responding

Student2:

* What was done since the last scrum meeting?
  1. Set up Linux host with a windows 7 VM running
* What is planned to be done until the next scrum meeting?
  1. Install Mocap on VM
  2. Install Master/Publisher on Linux host
  3. Meet with Manuel to troubleshoot servos.
* What are the hurdles?
  1. None

Date: 2/5/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:53 am

Student1:

* What was done since the last scrum meeting?
  1. Went to lab to troubleshoot servo motor issue
  2. Did some tests with CM700
* What is planned to be done until the next scrum meeting?
  1. Ordered CM700 to test
* What are the hurdles?
  1. Servo motors not responding

Student2:

* What was done since the last scrum meeting?
  1. Environmental setup
  2. Install Eclipse and Master program tools
* What is planned to be done until the next scrum meeting?
  1. Troubleshoot servos with Manuel
  2. Finish VM setup
  3. Start tests
* What are the hurdles?
  1. None

Date: 2/8/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:27 am

End time: 7:41 am

Student1:

* What was done since the last scrum meeting?
  1. Tested CM-700 spare but has wrong firmware
* What is planned to be done until the next scrum meeting?
  1. Continue testing until positive results are achieved
* What are the hurdles?
  1. Need the firmware used for Telebot to test the CM700

Student2:

* What was done since the last scrum meeting?
  1. Worked with Manuel and Hunter in the lab to get sensors and servos working.
  2. Studied JUnit
* What is planned to be done until the next scrum meeting?
  1. Test Environment set up
* What are the hurdles?
  1. Lab does not have a linux machine to be able to test the Linux Host - Windows VM set up

Date: 2/9/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:38 am

Student1:

* What was done since the last scrum meeting?
  1. Tried to find firmware for the CM700
  2. Started learning JUnit
* What is planned to be done until the next scrum meeting?
  1. Unit testing
* What are the hurdles?
  1. Looking for firmware

Student2:

* What was done since the last scrum meeting?
  1. Worked on environment set up.
  2. Worked on learning JUnit
  3. Spoke to the Manuel from the lab, looking for the firmware.
* What is planned to be done until the next scrum meeting?
  1. Unit tests
* What are the hurdles?
  1. None

Date: 2/10/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:34 am

End time: 7:44 am

Student1:

* What was done since the last scrum meeting?
  1. Working on unit tests
  2. Added anti-collision code for servos in test driver
* What is planned to be done until the next scrum meeting?
  1. Finish unit testing
* What are the hurdles?
  1. CM700 firmware issue

Student2:

* What was done since the last scrum meeting?
  1. Tried loading Mocap Studios, It would not run on VM
  2. Set up unit test
  3. Spoke to Hunter about CM-700 firmware
* What is planned to be done until the next scrum meeting?
  1. Figure out why Mocap won’t run on VM.
  2. Test sending data from Mocap on VM to Linux host
* What are the hurdles?
  1. Get Mocap to run on VM

Date: 2/11/16

Attendees: Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:45 am

Student1:

* What was done since the last scrum meeting?
  1. Had contacted Irvin about location of firmware, got response
  2. Most of unit testing done, found errors, made modifications
* What is planned to be done until the next scrum meeting?
  1. Find firmware, do integration testing (if firmware is found)
* What are the hurdles?
  1. Finding CM700 firmware

Student2:

* What was done since the last scrum meeting?
  1. Worked on getting Mocap setup on VM
  2. Working on studying JUnit.
* What is planned to be done until the next scrum meeting?
  1. Unit testing.
* What are the hurdles?
  1. Getting Mocap to run on VM

Date: 2/12/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:54 am

Student1:

* What was done since the last scrum meeting?
  1. Completing testing for task 798
* What is planned to be done until the next scrum meeting?
  1. Working on task 799, the GUI for the servo tester
* What are the hurdles?
  1. Finishing in time for lab member to test it on the robot before he leaves and the Sprint ends

Student2:

* What was done since the last scrum meeting?
  1. Worked on fixing Mocap error on VM installation.
  2. Tried installing dependencies manually.
* What is planned to be done until the next scrum meeting?
  1. Work on Unit testing User stories from last sprint.
* What are the hurdles?
  1. Getting Mocap to run on VM

Date: 2/16/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:32 am

End time: 7:42 am

Student1:

* What was done since the last scrum meeting?
  1. Studied up on sequence diagrams
  2. Started Feature Document for User Story 808
* What is planned to be done until the next scrum meeting?
  1. Finish the initial parts of the Feature Document
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Worked on Feature Document for User Story 742.
  2. Finished Use Case.
  3. Studied Sequence Diagrams
* What is planned to be done until the next scrum meeting?
  1. Finish sequence and class diagrams.
  2. Begin developing User Story 742
* What are the hurdles?
  1. None

Date: 2/17/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:34 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on sequence diagram and use case
* What is planned to be done until the next scrum meeting?
  1. Will continue with class diagrams
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Worked on class diagrams
* What is planned to be done until the next scrum meeting?
  1. Finish documentation and class diagrams
* What are the hurdles?
  1. None

Date: 2/18/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:41 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on finishing class diagrams for Task 796
  2. Cleaning up code
* What is planned to be done until the next scrum meeting?
  1. Finish class diagram for Task 808
* What are the hurdles?
  1. Work schedule, short day

Student2:

* What was done since the last scrum meeting?
  1. Class Diagrams
  2. Worked on getting the format of sequence diagrams correct.
* What is planned to be done until the next scrum meeting?
  1. Finish up documentation.
  2. Investigating existing formula for Mocap sensor to servo position mapping.
  3. Correct existing code for mapping.
* What are the hurdles?
  1. UML Software operation

Date: 2/19/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 12:58 pm

End time: 1:06 pm

Student1:

* What was done since the last scrum meeting?
  1. Wrote firmware for CM-700
* What is planned to be done until the next scrum meeting?
  1. Firmware unit tests and integration tests
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Writing and correcting class and sequence diagrams to try to get in line with requirements.
* What is planned to be done until the next scrum meeting?
  1. Continue with diagrams.
* What are the hurdles?
  1. Representing callbacks in a sequence diagram.

Date: 2/22/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:43 am

Student1:

* What was done since the last scrum meeting?
  1. Wrote new firmware for CM700 to give feedback on servo positions
  2. Started unit testing and debugging for that
  3. Did design change based on debugging
* What is planned to be done until the next scrum meeting?
  1. Need to do corrections to documentation based on design change
  2. Integration testing on this, and finish integration testing for previous user stories 796
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Finished documentation.
  2. Finished design
  3. Corrected bug in mapping formula
* What is planned to be done until the next scrum meeting?
  1. begin unit testing
  2. Correct previous feature documents
* What are the hurdles?
  1. None

Date: 2/23/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 8:03 am

End time: 8:09 am

Student1:

* What was done since the last scrum meeting?
  1. Wrote ServoFeedbackTestGui.
  2. Started unit testing/debugging the GUI
  3. Updated Documentation
* What is planned to be done until the next scrum meeting?
  1. Finish unit testing of ServoFeedbackTestGui
  2. Integration testing on this, and finish integration testing for previous user stories 796
  3. Complete Feature Docs for User Story 796 and 808
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Wrote Unit test cases
* What is planned to be done until the next scrum meeting?
  1. Run Unit Tests on User Story 742
  2. Debug 742
  3. Write additional Methods
* What are the hurdles?
  1. None

Date: 2/24/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:42 am

Student1:

* What was done since the last scrum meeting?
  1. Finished Feature Document for 808
  2. Corrected Feature Document for 796
  3. Finished unit testing
  4. Went to lab for integration testing, found bugs in the firmware
* What is planned to be done until the next scrum meeting?
  1. Finish debugging and retesting the firmware
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Rewrote existing code to optimize Master publisher (User story 742).
  2. rewrote test cases.
* What is planned to be done until the next scrum meeting?
  1. continue with Unit testing
* What are the hurdles?
  1. None

Date: 2/25/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:46 am

Student1:

* What was done since the last scrum meeting?
  1. Continued testing/troubleshooting firmware to get servos to respond
* What is planned to be done until the next scrum meeting?
  1. Testing/troubleshooting firmware
* What are the hurdles?
  1. Figuring out proper settings for PID

Student2:

* What was done since the last scrum meeting?
  1. Wrote JUint tests.
  2. Rewrote some methods
  3. Research how to test void mutators
* What is planned to be done until the next scrum meeting?
  1. Finish Unit testing
  2. Do integration tests
* What are the hurdles?
  1. None

Date: 2/26/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:33 am

End time: 7:42 am

Student1:

* What was done since the last scrum meeting?
  1. Figured out the PID settings, debugged code
  2. Fixed documentation
* What is planned to be done until the next scrum meeting?
  1. Correct documentation
  2. Do integration testing
  3. Do regression testing
* What are the hurdles?
  1. JSSC serial package (finding documentation for this)

Student2:

* What was done since the last scrum meeting?
  1. Ran 2 JUint class tests
  2. Worked on setting up 3rd class JUint class
* What is planned to be done until the next scrum meeting?
  1. Finish Unit testing
  2. Run integration test
* What are the hurdles?
  1. DDS activation while running the JUnit tests

Date: 3/1/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:54 am

Student1:

* What was done since the last scrum meeting?
  1. Went to lab and met with Manuel, lab member to see how Mocap reacted to new firmware
* What is planned to be done until the next scrum meeting?
  1. Review old code
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Rerun integration tests.
  2. Worked on Mocap studio to try to get it to send dummy data
* What is planned to be done until the next scrum meeting?
  1. Integration testing.
  2. User story for GUI for Master Publisher
* What are the hurdles?
  1. Tests need to be run physically at the lab.

Date: 3/2/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:42 am

Student1:

* What was done since the last scrum meeting?
  1. Read through Mocap code to familiarize
* What is planned to be done until the next scrum meeting?
  1. Reading through Mocap code
  2. Find where in chain of events optimizations should be placed
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Documentation of USer Story 735 - GUI for IMU Master-Publisher
* What is planned to be done until the next scrum meeting?
  1. Finish Diagrams
  2. Finish Development of GUI
* What are the hurdles?
  1. None

Date: 3/3/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:38 am

Student1:

* What was done since the last scrum meeting?
  1. Continued looking at code
  2. Wrote sequence diagrams for existing systems
* What is planned to be done until the next scrum meeting?
  1. Going to plan with a lab member how to best implement optimizations
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Finished sequence diagram
  2. worked on class diagram
* What is planned to be done until the next scrum meeting?
  1. Brainstorming what should be displayed.
  2. development
* What are the hurdles?
  1. None

Date: 3/4/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 6:55 am

End time: 7:00 am

Student1:

* What was done since the last scrum meeting?
  1. Analyzed the current code and made a list of things that are wrong that needed to be corrected to get the algorithm working again
* What is planned to be done until the next scrum meeting?
  1. Go to the lab to work with another lab member to implement the changes
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Began development on User story 735
* What is planned to be done until the next scrum meeting?
  1. Finish development of 735
  2. Finish Unit testing
* What are the hurdles?
  1. None

Date: 3/7/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:42 am

Student1:

* What was done since the last scrum meeting?
  1. Got sensors for Mocap recalibrated, worked on correcting the range settings of the servos
* What is planned to be done until the next scrum meeting?
  1. Work on mapping method that maps servo range to mocap range
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Finished development, GUI Present.
  2. Wrote Unit test
  3. Worked on Documentation
* What is planned to be done until the next scrum meeting?
  1. Finish Sequence Diagrams
  2. Finish Unit Tests
  3. Write integration tests
* What are the hurdles?
  1. None

Date: 3/8/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:29 am

End time: 7:47 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on slides for Checkpoint Presentation
  2. Performed the Presentation
* What is planned to be done until the next scrum meeting?
  1. Work on mapping method that maps servo range to mocap range
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Finished Unit test for 735
  2. Wrote integration test
  3. Pushed code to github
* What is planned to be done until the next scrum meeting?
  1. Wrap up 735
  2. Revisit previous user story and prepare their integration tests
* What are the hurdles?
  1. None

Date: 3/9/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:40 am

Student1:

* What was done since the last scrum meeting?
  1. Went to lab and worked on sensor/servo calibration
* What is planned to be done until the next scrum meeting?
  1. Work on sensor/servo calibration
  2. Work on mapping method
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Integration test for 735 and 742 were completed
  2. User story 742 completed
* What is planned to be done until the next scrum meeting?
  1. Finnish User guide for 735
  2. Write unit tests for
* What are the hurdles?
  1. None.

Date: 3/10/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:45 am

Student1:

* What was done since the last scrum meeting?
  1. Got sensor max/min data
  2. Rewriting mocap to send pre-corrected angle values
* What is planned to be done until the next scrum meeting?
  1. Rewriting mocap to send pre-corrected angle values
  2. Having Telebot self-calibrate
  3. Begin testing
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Experimented with GUI
* What is planned to be done until the next scrum meeting?
  1. Work on next IMU user story
* What are the hurdles?
  1. None.

Date: 3/11/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:38 am

Student1:

* What was done since the last scrum meeting?
  1. Implemented and started testing the servo mapper changes
  2. Debugging
* What is planned to be done until the next scrum meeting?
  1. Finish debugging and testing
* What are the hurdles?
  1. Getting done before end of the sprint

Student2:

* What was done since the last scrum meeting?
  1. Fixed GUI
  2. Started documentation for 743
* What is planned to be done until the next scrum meeting?
  1. Continue documentation for 743
* What are the hurdles?
  1. None.

Date: 3/22/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:38 am

Student1:

* What was done since the last scrum meeting?
  1. Finished user guide for 816
  2. Started feature document for 840
  3. Started development for 840
* What is planned to be done until the next scrum meeting?
  1. Demos for Dr. Prabakar
  2. Sprint review with Dr. Sadjadi
  3. Finish development for 840
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. 743 documentation and development
* What is planned to be done until the next scrum meeting?
  1. Make sprint review meeting video
  2. Resume development for 743
* What are the hurdles?
  1. None

Date: 3/23/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:55 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on development of 841
  2. Writing new algorithm for head
  3. Writing test cases for 841
* What is planned to be done until the next scrum meeting?
  1. Finish testing
  2. Finish 841 and begin development on 842
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Development for 735
  2. Implemented port selection in GUI
  3. Updating documentation
* What is planned to be done until the next scrum meeting?
  1. Write a perform Unit Tests
* What are the hurdles?
  1. None.

Date: 3/24/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:45 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on correcting previous documentation
* What is planned to be done until the next scrum meeting?
  1. Finish testing 840
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Research into unit tests for socket communication.
* What is planned to be done until the next scrum meeting?
  1. Unit tests - Designed
* What are the hurdles?
  1. Learn how to test socket communication

Date: 3/25/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:44 am

Student1:

* What was done since the last scrum meeting?
  1. Looked at the way sensors communicate and calibration settings
* What is planned to be done until the next scrum meeting?
  1. Continue inspecting the sensors to be sure they are properly calibrated
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Wrote Unit and integration tests
  2. Performed unit tests
  3. Rewrote some methods to make them more test driven
* What is planned to be done until the next scrum meeting?
  1. Make script for demo video
* What are the hurdles?
  1. None.

Date: 3/28/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:38 am

Student1:

* What was done since the last scrum meeting?
  1. Studying Vector/Matrix/Quaternion operations
* What is planned to be done until the next scrum meeting?
  1. Continue studying
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Finished user story 743
  2. Started documentation for user story 694
* What is planned to be done until the next scrum meeting?
  1. Finish documentation for user story 694
  2. Begin Development of 694
* What are the hurdles?
  1. None.

Date: 3/29/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:44 am

Student1:

* What was done since the last scrum meeting?
  1. Trying to figure out exactly where and what format the sensor orientation is stored
* What is planned to be done until the next scrum meeting?
  1. Continue to figure out sensor orientation information
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Finished documentation and development for User story 694
* What is planned to be done until the next scrum meeting?
  1. Write test cases and test 694
* What are the hurdles?
  1. None.

Date: 3/30/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:39 am

Student1:

* What was done since the last scrum meeting?
  1. Learned quaternion math
  2. Created a new algorithm for the head
* What is planned to be done until the next scrum meeting?
  1. Redo tests using new algorithm
  2. Start user story 839
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Wrote unit and integration tests
  2. Performed unit tests
* What is planned to be done until the next scrum meeting?
  1. Complete integration test
  2. Start a new user story focused on DDS.
* What are the hurdles?
  1. None.

Date: 3/31/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:56 am

Student1:

* What was done since the last scrum meeting?
  1. Finished user story 840
  2. Finished documentation and development on user story 839, started testing
* What is planned to be done until the next scrum meeting?
  1. Finish 839
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Corrected code to fix error found in integration testing.
* What is planned to be done until the next scrum meeting?
  1. Make corrections to fix error found in Unit testing
  2. Finish documentation for User Story 694.
  3. Start an additional User Story.
* What are the hurdles?
  1. None.

Date: 4/1/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:41 am

Student1:

* What was done since the last scrum meeting?
  1. User 839 failed testing
  2. Resumed development on 839
* What is planned to be done until the next scrum meeting?
  1. Continue resuming development on 839
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Integration testing on 694
* What is planned to be done until the next scrum meeting?
  1. Finish 694
* What are the hurdles?
  1. None.

Date: 4/5/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:36 am

Student1:

* What was done since the last scrum meeting?
  1. Started development on 851
* What is planned to be done until the next scrum meeting?
  1. Finish development and begin testing
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Documentation for 768
* What is planned to be done until the next scrum meeting?
  1. Finish documentation and development for 768
* What are the hurdles?
  1. None

Date: 4/6/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:38 am

End time: 7:44 am

Student1:

* What was done since the last scrum meeting?
  1. Talked to Dr. Prabakar
  2. Continued development on 851
  3. Began testing on 851
* What is planned to be done until the next scrum meeting?
  1. Finish 851
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Finished Documentation and development for 768
* What is planned to be done until the next scrum meeting?
  1. Testing for 768
* What are the hurdles?
  1. None

Date: 4/7/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:38 am

End time: 7:42 am

Student1:

* What was done since the last scrum meeting?
  1. Testing/debugging on 851
* What is planned to be done until the next scrum meeting?
  1. Finish debugging
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Wrote unit and integration tests
* What is planned to be done until the next scrum meeting?
  1. Perform unit tests
* What are the hurdles?
  1. None

Date: 4/8/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:27 am

End time: 7:33 am

Student1:

* What was done since the last scrum meeting?
  1. Nothing
* What is planned to be done until the next scrum meeting?
  1. Finish Debugging 851
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Unit and integration testing
  2. Corrected found through integration testing
* What is planned to be done until the next scrum meeting?
  1. Rerun integration tests
  2. Finish this user story
  3. Finish documentation of next user story
* What are the hurdles?
  1. None

Date: 4/11/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:34 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on debugging User Story 851
* What is planned to be done until the next scrum meeting?
  1. Finish Debugging
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Finished User Story 768
  2. Finished Documentation for 770
* What is planned to be done until the next scrum meeting?
  1. Finish Development and test cases for 770
* What are the hurdles?
  1. None.

Date: 4/12/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:04 am

End time: 7:06 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on debugging User Story 851
* What is planned to be done until the next scrum meeting?
  1. Finish Debugging
  2. Redo Unit testing
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Worked on Development for 770
  2. Refactored code
  3. Unit testing for 770
* What is planned to be done until the next scrum meeting?
* What are the hurdles?
  1. None.

Date: 4/13/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:36 am

Student1:

* What was done since the last scrum meeting?
  1. Reworking algorithm for 851
* What is planned to be done until the next scrum meeting?
  1. Finish 851
* What are the hurdles?
  1. None.

Student2:

* What was done since the last scrum meeting?
  1. Completed User story 770
* What is planned to be done until the next scrum meeting?
  1. Work on next User story - 769
  2. Integration test for 768
* What are the hurdles?
  1. None.

Date: 4/14/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:36 am

Student1:

* What was done since the last scrum meeting?
  1. Calculating Euler angles, but there is difficulty
* What is planned to be done until the next scrum meeting?
  1. Calculating Euler angles
* What are the hurdles?
  1. Correct math

Student2:

* What was done since the last scrum meeting?
  1. Started documentation for 769
* What is planned to be done until the next scrum meeting?
  1. Development and testing for 769
* What are the hurdles?
  1. None

Date: 4/15/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:33 am

Student1:

* What was done since the last scrum meeting?
  1. Finished 851
* What is planned to be done until the next scrum meeting?
  1. Do User story 807
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Documentation for 769
* What is planned to be done until the next scrum meeting?
  1. Work on testing for 769
* What are the hurdles?
  1. None

Date: 4/18/16

Attendees:Curtis Cox

Start time: 8:27 am

End time: 8:29 am

Student1:

* What was done since the last scrum meeting?
  1. Finished User Story 851
* What is planned to be done until the next scrum meeting?
  1. Finish User Story 789
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
* What is planned to be done until the next scrum meeting?
* What are the hurdles?

Date: 4/19/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:32 am

End time: 7:49 am

Student1:

* What was done since the last scrum meeting?
  1. Documentation for 789
* What is planned to be done until the next scrum meeting?
  1. Finish 789
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Corrected documentation for user stories from sprint 6
* What is planned to be done until the next scrum meeting?
  1. Update and correct documentation of completed user stories.
* What are the hurdles?
  1. None.

Date: 4/20/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:35 am

End time: 7:42 am

Student1:

* What was done since the last scrum meeting?
  1. Documentation for previous user stories
* What is planned to be done until the next scrum meeting?
  1. Continue working on documentation for previous user stories
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Correcting documentation for user stories that were previously worked on.
* What is planned to be done until the next scrum meeting?
  1. Continue updating documentation.
* What are the hurdles?
  1. None.

Date: 4/21/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 6:57 am

End time: 7:00 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on previous documentation for user stories
* What is planned to be done until the next scrum meeting?
  1. Continue working on updating documentation
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Updated documentation of User Stories from previous sprints.
* What is planned to be done until the next scrum meeting?
  1. Continue updating documentation
* What are the hurdles?
  1. None

Date: 4/22/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:32 am

End time: 7:44 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on user story 789
* What is planned to be done until the next scrum meeting?
  1. Finish user story 789 and work on documentation
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Worked on documentation.
  2. Fixed diagrams
* What is planned to be done until the next scrum meeting?
  1. Continue working on documentation.
* What are the hurdles?
  1. None

Date: 4/25/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:31 am

End time: 7:55 am

Student1:

* What was done since the last scrum meeting?
  1. Continued working on 789
  2. Worked on slides for Checkpoint 2
* What is planned to be done until the next scrum meeting?
  1. Continue working on slides for Checkpoint 2
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Worked on Documentation for past user stories
  2. Worked on class diagram for Checkpoint 2
* What is planned to be done until the next scrum meeting?
  1. Resume user stories.
  2. Finish testing for voice control.
* What are the hurdles?
  1. None

Date: 4/26/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:32 am

End time: 7:59 am

Student1:

* What was done since the last scrum meeting?
  1. Did Checkpoint slides
  2. Corrections to documentation
* What is planned to be done until the next scrum meeting?
  1. Finish 789
  2. Start working on project poster and final slides
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. 769 development
  2. Started writing test cases for 769
* What is planned to be done until the next scrum meeting?
  1. Finish unit testing
  2. Do integration testing
* What are the hurdles?
  1. None

Date: 4/27/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 9:31 pm

End time: 9:47 pm

Student1:

* What was done since the last scrum meeting?
  1. Integration testing, Github merging
* What is planned to be done until the next scrum meeting?
  1. Troubleshooting DDS Communication
* What are the hurdles?
  1. DDS Communication

Student2:

* What was done since the last scrum meeting?
  1. Troubleshooting
  2. Wrote Integration test for 769
* What is planned to be done until the next scrum meeting?
  1. Run Unit test for 769
  2. Troubleshoot DDS Communication
* What are the hurdles?
  1. DDS Communication

Date: 4/28/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 7:30 am

End time: 7:50 am

Student1:

* What was done since the last scrum meeting?
  1. Studied up on DDS QoS and problem
* What is planned to be done until the next scrum meeting?
  1. Continue studying DDS Problem
* What are the hurdles?
  1. DDS Communication

Student2:

* What was done since the last scrum meeting?
  1. Studied up on DDS qos
* What is planned to be done until the next scrum meeting?
  1. Continue to study DDS problem
* What are the hurdles?
  1. DDS Communications

Date: 4/29/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 11:00 am

End time: 11:25 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on Slave/Subscriber
  2. Prepping to make videos
* What is planned to be done until the next scrum meeting?
  1. Videos and poster
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Worked on slave subscriber gui correction
  2. Studied DDS
  3. Corrected servo numbers in voice program.
* What is planned to be done until the next scrum meeting?
  1. Troubleshoot DDS
  2. Videos
  3. Poster
  4. Documentation
* What are the hurdles?
  1. DDS Communications

Date: 4/29/16

Attendees:Curtis Cox, Shadeh Ferris-Francis

Start time: 9:30 am

End time: 9:32 am

Student1:

* What was done since the last scrum meeting?
  1. Worked on poster
* What is planned to be done until the next scrum meeting?
  1. Editing videos
* What are the hurdles?
  1. None

Student2:

* What was done since the last scrum meeting?
  1. Worked on Poster
  2. Documentation
  3. Troubleshooting
* What is planned to be done until the next scrum meeting?
  1. Finish poster
  2. Do intro video
* What are the hurdles?
  1. None