Date: 08/31/2015

Attendees: Carlos Ruiz, David Romero

Start time: 10:00am

End time: 10:10am

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + N/A
* What is planned to be done until the next scrum meeting?
  + 1 Set up the structure for the github repository
  + 2 Start up the proof of concepts for the Tunneler
  + 3 Preparation of local Python environment and mongoDB
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + N/A
* What is planned to be done until the next scrum meeting?
  + Creating a working proof of concept for a pub/sub system using Rabbit Mq
  + Continue research
* What are the hurdles?
  + N/A

Date: 09/2/2015

Attendees: Carlos Ruiz, David Romero

Start time: 1:00am

End time: 1:10am

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + 1 The structure of github repository was built
  + 2 The python’s environment installed and ready to be use
  + 3 N/A
* What is planned to be done until the next scrum meeting?
  + 1 Start working on proof of concept (Code)
    - 2 Client agent
    - 3 Server agent
* What are the hurdles?
  + 1 N/A

Second student: David Romero

* What was done since the last scrum meeting?
  + Rabbit Mq sample service was set up
  + PubNub sample was made
* What is planned to be done until the next scrum meeting?
  + Tying both concepts together using a vangrant client
  + Setting up vagrant
  + Merging the two concepts
* What are the hurdles?
  + N/A

Date: 09/3/2015

Attendees: Carlos Ruiz, David Romero. Jason, Javier Carmona, Ayme

Start time: 2:30pm

End time:

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + 1 Local WebHost for testing purpose of proof of concepts
  + 2 Started working on client and server agents.
  + 3 Client tunnel connects to local WebHost
* What is planned to be done until the next scrum meeting?
  + 1 Client creating tunnel connection with server
  + 2 Server accepting connections from tunnels
  + 3 Server accepting connections from web
* What are the hurdles?
  + 1 N/A

Second student:

* What was done since the last scrum meeting?
  + Consider NATS over RabbitMq, researched the matter
  + Take what was covered conceptually over PubNub and make simple Javascripts that utilized RabbitMq
  + Some UML design
* What is planned to be done until the next scrum meeting?
  + Finish JavaScripts
  + Have some design done
* What are the hurdles?
  + N/A

Date: 09/7/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier

Start time: 3pm

End time:3:15pm

Minute Taker:

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + 1 Final deliverable/ adding information about the system
  + 2 Proof of concept/ structure planning
* What is planned to be done until the next scrum meeting?
  + 1 UML diagrams for final deliverable
  + 2 Proof of concepts demo
* What are the hurdles?
  + N/M

Second student:

* What was done since the last scrum meeting?
  + Finalize proof of concept
  + Initial UML designs
  + Migrate work done in Javascript to Python
* What is planned to be done until the next scrum meeting?
  + Complete UML Diagram
  + Record demo on development environment
* What are the hurdles?
  + N/A

Date: 09/17/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier

Start time:3:00pm

End time:3:15pm

Minute Taker:

First student:

* What was done since the last scrum meeting?
  + 1 Data stream among services completed
* What is planned to be done until the next scrum meeting?
  + 1 Refactor data stream communication and handshake between services
* What are the hurdles?
  + 1 N/A

Second student:

* What was done since the last scrum meeting?
  + 1 Read up on STOMP Protocol
  + 2 Fiddled with RabbitMQ examples
* What is planned to be done until the next scrum meeting?
  + 1 Continue reading on Websockets and RabbitMQ implementation
* What are the hurdles?
  + 1 N/A

Date: 09/19/2015

Attendees: Carlos Ruiz

Start time: 12:15 pm

End time: 12 : 25 pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + 1 Allowing data stream between the three services
  + 2 Multiple clients communicating to the same tunnel
* What is planned to be done until the next scrum meeting?
  + 1 Understanding of remote control and research
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + 1 Reading on how to develop a Javascript library
  + 2 Reading on RabbitMQ and Websockets
  + Began work on the Python SDK, that is to say modifying the existing code to work on a library
* What is planned to be done until the next scrum meeting?
  + 1 A simple Javascript library implemented in order
  + 2 Continue working on the Python SDK
* What are the hurdles?
  + N/A

Date: 09/21/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier Carmona

Start time: 8:00 pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Setting up remote control environment for tunneler to allow communication
* What is planned to be done until the next scrum meeting?
  + 1 Start communication with ports and preparing communication
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + 1 Restructured design for Python SDK, changed from RPC to a simple message client
* What is planned to be done until the next scrum meeting?
  + 1 Shift focus on Javascript
  + 2 Delved into connectivity between Python and Javascript
* What are the hurdles?
  + 1 N/A

Date: 09/24/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier Carmona

Start time: 3:00pm

End time: 3:15pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Service ready and documentation for product
* What is planned to be done until the next scrum meeting?
  + Fixing some known bugs
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + 1 Javascript SDK is partially working, can connect, send a message
* What is planned to be done until the next scrum meeting?
  + 1 Documentation
  + 2 Bugs and finish implemenations
  + 3 Documentation
* What are the hurdles?
  + 1 The approach to the Javascript SDK appears to be hindering my process. Due to the libraries that I’m building on top of, there are some limitations as to what I can achieve. I’ve begun looking into other avenues for a new implementation.

Date: 09/28/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier Carmona

Start time: 8:00pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + User stories for sprint 2
* What is planned to be done until the next scrum meeting?
  + Preparing and creating new User story for sprint 3
  + Planning strategy to follow for upcoming sprint
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + N/A
* What is planned to be done until the next scrum meeting?
  + Set up user stories for sprint 3
* What are the hurdles?

Date: 09/30/2015

Attendees: Carlos Ruiz, David Romero

Start time: 2:00pm

End time: 2:10pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + User stories and design
* What is planned to be done until the next scrum meeting?
  + Re-structuring client and tunneler programs
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Planned to take a more “modular” approach to the classes.
* What is planned to be done until the next scrum meeting?
  + Implement a unsubscribe function and allow for more parameters to be passed, in order to start setting up for heartbeat intervals among other features
* What are the hurdles?
  + N/A

Date: 10/02/2015

Attendees: Carlos Ruiz, David Romero

Start time: 3:00pm

End time: 3:15pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Client and tunneler program implemented with new structure
* What is planned to be done until the next scrum meeting?
  + Fix communication bug (out of sync) between server <-> client and server <-> tunneler
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Implemented new features to the library
* What is planned to be done until the next scrum meeting?
  + Brush up on Javascript and Python, plans to refactor the code
* What are the hurdles?
  + N/A

Date: 10/05/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 8:00pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Fixed the communication bug between the programs
* What is planned to be done until the next scrum meeting?
  + Upload server program to actual server and test program in a real environment
  + Prepare documentation for friday
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Fleshed out the library, added new features and expanded currently existing ones
* What is planned to be done until the next scrum meeting?
  + The code at the moment is very difficult to read, it will undergo refactoring
* What are the hurdles?
  + N/A

Date: 10/7/2015

Attendees: Carlos Ruiz, David Romero

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Server tested in real environment
* What is planned to be done until the next scrum meeting?
  + Fix bug in communication when reading data
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Major refactor of the Javascript and Python source code. Began looking more into heartbeats. Major bug in Javascript was addressed
* What is planned to be done until the next scrum meeting?
  + Finalize the two clients
* What are the hurdles?
  + N/A

Date: 10/8/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Communication bug when reading data fixed
* What is planned to be done until the next scrum meeting?
  + Prepare documentation and environment for friday’s presentation (review)
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Made the web client and local terminal client communicate with one another. Documentation
* What is planned to be done until the next scrum meeting?
  + Continued research on heartbeats and RabbitMQ
  + Fix an issue where the messages are not going to all queue associated with the exchange
* What are the hurdles?
  + N/A

Date: 10/12/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 8:00pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Documentation was done and meeting with professor
* What is planned to be done until the next scrum meeting?
  + Start crating tunnel capabilities to handle multiple client connections
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + N/A
* What is planned to be done until the next scrum meeting?
  + Investigation of how to approach presence given our broker of choice
* What are the hurdles?
  + N/A

Date: 10/14/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Tunnel capability to handle multiple connections completed
* What is planned to be done until the next scrum meeting?
  + Refactor server code to be more scalable and efficient
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + A method for keeping track of bindings was determined by using two queues and two channels
* What is planned to be done until the next scrum meeting?
  + Implement said method of binds with two channels
* What are the hurdles?
  + N/A

Date: 10/16/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Server is handling clients and tunnels correctly and building up waiting queue
* What is planned to be done until the next scrum meeting?
  + Finish server new code including communication handling on blocking queue
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Continued work on the Python implementation of presence
* What is planned to be done until the next scrum meeting?
* What are the hurdles?
  + N/A

Date: 10/19/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Refactoring of server completed
* What is planned to be done until the next scrum meeting?
  + Fix server error when disconnecting tunnel in middle of communication
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Continued work on presence, began a different approach
* What is planned to be done until the next scrum meeting?
  + Have presence working in some form
* What are the hurdles?
  + N/A

Date: 10/22/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Server bug when disconnecting tunnel connections fixed
* What is planned to be done until the next scrum meeting?
  + work on documentation for meeting and get ready for next sprint
* What are the hurdles?
  + 1N/A

Second student:

* What was done since the last scrum meeting?
  + Presence implementation complete via new means of doing this by using a new exchange vs new queue
  + Broadcasting issue addressed
* What is planned to be done until the next scrum meeting?
  + Documentation and investigation of heartbeat implementation
* What are the hurdles?
  + N/A

Date: 10/26/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Documentation and sprint review with professor
* What is planned to be done until the next scrum meeting?
  + Plan user stories for upcoming sprint
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Sprint review
* What is planned to be done until the next scrum meeting?
  + Documentation and finishing user stories from last sprint
* What are the hurdles?
  + N/A

Date: 10/28/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + User story partially created
* What is planned to be done until the next scrum meeting?
  + Create high-level program design
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Revised some diagrams from previous sprints
* What is planned to be done until the next scrum meeting?
  + Continued documentation, begin design of heartbeat
* What are the hurdles?
  + N/A

Date: 10/29/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + High level project design created
* What is planned to be done until the next scrum meeting?
  + Add descriptive information to readme files
  + Update all code on github repository
* What are the hurdles?
  + N/A

Second student:

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

Date: 11/1/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + All readme filed information updated
  + Code on github updated to latest code
* What is planned to be done until the next scrum meeting?
  + refactor client and tunnel code
  + finish high level program design more detailed
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Detailed readme created
  + File structure was completely revamped and code reflected the changes
  + Some diagrams were modified
* What is planned to be done until the next scrum meeting?
  + Work on high level representation of PubSub
  + Design Python heartbeat
* What are the hurdles?
  + N/A

Date: 11/3/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + finish high level program design more detailed
* What is planned to be done until the next scrum meeting?
  + refactor client and tunnel code
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Finalized heartbeat design for Python client
* What is planned to be done until the next scrum meeting?
  + Implement heartbeat for Python design
* What are the hurdles?
  + N/A

Date: 11/5/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + refactor client and tunnel code
* What is planned to be done until the next scrum meeting?
  + Update all documentation files
  + prepare for tomorrow sprint review
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Completed heartbeats in javascript class
* What is planned to be done until the next scrum meeting?
  + Look into Python class and how to effectively implement a timeout
* What are the hurdles?
  + N/A

Date: 11/9/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + All documentation and pending fixes
* What is planned to be done until the next scrum meeting?
  + User stories and project design
  + Start working on new pubsub agent to combine both projects
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Documentaiton adjusted
  + Began initial research of Erlang
* What is planned to be done until the next scrum meeting?
  + User stories defined and goals set
  + Design misunderstandings cleared up
* What are the hurdles?
  + N/A

Date: 11/11/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + User stories and design of new piece of software
  + Started designing structure of pubsub agent
* What is planned to be done until the next scrum meeting?
  + Finnish design of pubsub agent
  + Start development of pubsub agent
* What are the hurdles?
  + N/A

Second student:

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

Date: 11/13/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Started working on the development of new software
* What is planned to be done until the next scrum meeting?
  + Continue with pubsub agent development
  + Fix/refactor some changes on client and tunneler
* What are the hurdles?
  + N/A

Second student:

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

Date: 11/16/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Fixed/refactor some changes on client and tunneler
  + Continue working on pubsub agent
* What is planned to be done until the next scrum meeting?
  + Update all github code
  + Fix all setup files for each individual software
  + Update description of every software and add changes for new one
  + Continue working on pubsub agent
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Researched Erlang and creation of plugin development for RabbitMQ
* What is planned to be done until the next scrum meeting?
  + Give results/or plugin if development has been pursued
  + Give initial draft of web application
* What are the hurdles?
  + N/A

Date: 11/19/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Updated all github code
  + Pubsub agent completed
  + Fixed all setup files for each individual software
  + Updated description of every software and add changes for new one
* What is planned to be done until the next scrum meeting?
  + prepare for tomorrow presentation
  + Finish documentation and update with latest information
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Concluded heartbeats
  + Introduced initial interface draft
  + Planned web application
* What is planned to be done until the next scrum meeting?
  + Finish page styling
  + Finish page behavior
  + Conclude modification of the PubSub classes
* What are the hurdles?
  + N/A

Date: 11/23/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 3:00pm

End time: 3:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + All user stories completed
  + Documentation updated
* What is planned to be done until the next scrum meeting?
  + Add new features to pubsub agent
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + User stories completed
  + Initial work on missing documentation
* What is planned to be done until the next scrum meeting?
  + Refactored javascript for web application
* What are the hurdles?
  + N/A

Date: 11/25/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 8:00pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Adding new feature to pubsub agent in progress
* What is planned to be done until the next scrum meeting?
  + Finish implementing new pubsub agent feature
  + Refactor client/tunneler, clean code, add new feature
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Improving logging behavior
* What is planned to be done until the next scrum meeting?
  + Finish connect via web and vnc
  + Implement disconnect
* What are the hurdles?
  + N/A

Date: 11/27/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 8:00pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Finished implementing new pubsub agent feature
  + In progress: implementing new feature for client/tunneler, cleaning code and refactoring
* What is planned to be done until the next scrum meeting?
  + Finish refactoring client/tunneler, clean code, add new feature
  + Testing software
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Finished implementing front end aspect of the web application, can successfully send a request to connect via web and vnc
  + Disconnect behavior
* What is planned to be done until the next scrum meeting?
  + Test the software
* What are the hurdles?
  + N/A

Date: 11/30/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 8:00pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Finished refactoring client/tunneler, clean code, add new feature
* What is planned to be done until the next scrum meeting?
  + Testing software
  + Update all code and documentation
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Finish website behavior (button properly disappearing and reappearing. Sending right information)
* What is planned to be done until the next scrum meeting?
  + Test the software
  + Update the document
* What are the hurdles?
  + N/A

Date: 12/3/2015

Attendees: Carlos Ruiz, David Romero, Jason, Javier, Ayme

Start time: 8:00pm

End time: 8:30pm

Minute Taker: Carlos Ruiz

First student: Carlos Ruiz

* What was done since the last scrum meeting?
  + Testing software
  + Update all code and documentation
* What is planned to be done until the next scrum meeting?
  + Prepare and be ready for tomorrow sprint review
  + Practice showcase presentation
* What are the hurdles?
  + N/A

Second student:

* What was done since the last scrum meeting?
  + Test front end behavior
  + Updated documentation
* What is planned to be done until the next scrum meeting?
  + Prepare for showcase presentations next week
  + Prepare for sprint review
* What are the hurdles?
  + N/A