## August 28, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 3:30 pm

End time: 3:37 pm

Michael Garrett:

* What was done since the last scrum meeting?
* Setup of environment to process cadaver data in R; performed smoke run on apriori rule association with default parameters.
* What is planned to be done until the next scrum meeting?
* Choose rule associations to bring to next Sprint meeting (occurs immediately after next scrum) and analyze data on GeoChip website.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Downloading The R application and getting familiar with its functions and inner workings.
* What is planned to be done until the next scrum meeting?
* Going to GeoChip website to analyze and see the data. Learning more about the application for better implementation.
* What are the hurdles?
* Learning curve with the R application.

## August 29, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Read email on desired info.
* What is planned to be done until the next scrum meeting?
* Find rules related to similarity in biodiversity across cadavers over time.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Looked at GeoChip website and gotten familiar with R application.
* What is planned to be done until the next scrum meeting?
* Locate rules and best analysis technique to find correlation in biodiversity of cadavers.
* What are the hurdles?
* None so far

## August 30, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:32 am

End time: 9:39 am

Michael Garrett:

* What was done since the last scrum meeting?
* Created initial user stories; searched for ways to implement user interface.
* What is planned to be done until the next scrum meeting?
* Continue looking for ways to design UI.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Spoken to the project owner to collect user stories and gain queries for project use.
* What is planned to be done until the next scrum meeting?
* Looking for ways to better utilize our environment to make the project user friendly. Looking also how to manage data more effectively and efficiently.
* What are the hurdles?
* None

## August 31, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:32 am

End time: 9:39 am

Michael Garrett:

* What was done since the last scrum meeting?
* Looked for ways to implement UI.
* What is planned to be done until the next scrum meeting?
* See if R-php point-and-click makes for a suitable UI development environment (http://dssm.unipa.it/R-php/?cmd=home).
* What are the hurdles?
* Installing tools required to use R-php

Christian Molto:

* What was done since the last scrum meeting?
* Looking for a suitable way to implement our project.
* What is planned to be done until the next scrum meeting?
* Trying out the R-php as a suitable environment for our project.
* What are the hurdles?
* Installing the necessary software for R-php use.

## September 1, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:34 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on installing r-php point-and-click.
* What is planned to be done until the next scrum meeting?
* Migrate user stories to Mingle.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Installing the apache to use for user environment.
* What is planned to be done until the next scrum meeting?
* Continue With installing necessary items for R-php
* What are the hurdles?
* Ran into an error on installation: syntax error on line 533 in httpd.conf file.

## September 5, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:38 am

Michael Garrett:

* What was done since the last scrum meeting?
* Migrated user stories to Mingle.
* What is planned to be done until the next scrum meeting?
* Install r-php point-and-click; study if additional information needs to be added to user stories.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Finishing installing the server(apache), mysql, and php for project environment.
* What is planned to be done until the next scrum meeting?
* Completing this task.
* What are the hurdles?
* The Blank php screen of death. Will try to find way the error and correct by end of scrum if not by sprint.

## September 6, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Did not install r-php point-and-click. Instead decided to look at implementing a Java-based application for querying patterns.
* What is planned to be done until the next scrum meeting?
* 1. Find out from DeEtta Mills whether a) the datasets are of fixed size and b) if possible, what order of magnitude the dataset sizes are. The answer to this question will clarify the optimal programming language/tool combination to write the querying application.
* 2. Find out if any Java-based implementations of R can be used to write the application.
* What are the hurdles?
* Massive category 5 hurricane incoming (Hurricane Irma).

Christian Molto:

* What was done since the last scrum meeting?
* Continuing on the r-php stuff.
* What is planned to be done until the next scrum meeting?
* Attempt to finish.
* What are the hurdles?
* Hurricane preparation.

## September 7, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: ? am

Michael Garrett:

* What was done since the last scrum meeting?
* Ascertained expected size of datasets from DeEtta Mills. Was expected to be around 80000 entries per dataset.
* What is planned to be done until the next scrum meeting?
* Look for a Java-based implementation of R.
* What are the hurdles?

Christian Molto:

* What was done since the last scrum meeting?
* Was doing hurricane supply runs.
* What is planned to be done until the next scrum meeting?
* See what to do with project after Irma passes.
* What are the hurdles?

## September 18, 2017 (Sprint 1)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:35 am

Michael Garrett:

* What was done since the last scrum meeting?
* Found a way to filter records by intensity in R. Used unfiltered dataset (~98200 records), each query took no more than a few seconds (due to limiting result size to only the first 1000 records).
* What is planned to be done until the next scrum meeting?
* See if filtering records in can be done using Java in a few seconds, and if that does not work, find a way to use the R filtering in an application (Java only seems to be able launch .exe files; it may be necessary to wrap .r scripts in a .exe application)
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Nearly finished installing r-php backend. Stopped due to hurricane Irma, loss of power and decision to change to java based application.
* What is planned to be done until the next scrum meeting?
* See how to implement java into project with R.
* What are the hurdles?

None at the moment.

## September 19, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:55 am

End time: 10:00 am

Michael Garrett:

* What was done since the last scrum meeting?
* Found a Java application that allows users to drag and drop files onto it, which will then store the name of the file.
* What is planned to be done until the next scrum meeting?
* Use the aforementioned application in building the project.
* What are the hurdles?

Christian Molto:

* What was done since the last scrum meeting?

Attempted to try to find correlation between genes but may require something called RCaller to bridge R and Java together.

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

Will connect RCaller to Netbeans for use of project so that correlation attempt can be done.

* What are the hurdles?

May need to research RCaller installation to see how to do this.

## September 20, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:41 am

Michael Garrett:

* What was done since the last scrum meeting?
* Refined intensity filter application (Creates a new output file instead of overwriting a given one, to avoid accidentally erasing input).
* What is planned to be done until the next scrum meeting?
* Give product owner demonstration of intensity filter application to determine whether #668 can be considered complete.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?

Attempt to do correlation on genes in java using data mining techniques.

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

See how it can be done with java or needs a plugin.

* What are the hurdles?

See if java-data-mining-package can be used for this purpose or find something else.

## September 21, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:36 am

Michael Garrett:

* What was done since the last scrum meeting?
* Asked product owner to attempt running application, but PO was unable to execute the .jar file. It is most likely that application users will need to install a Java Runtime Environment (jre) of version 7.0 or later on their machine to use the application.
* What is planned to be done until the next scrum meeting?
* Work on #667 (Organism filter) or #671 (Minimum time data point filter)
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Found It was possible to use weka in java application. Need to see how to integrate this knowledge to project.
* What is planned to be done until the next scrum meeting?
* See how to use current filtering code to do data mining techniques. Working on #669(Correlation Discovery).
* What are the hurdles?
* Seeing how to modify the code to do this.

## September 22, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:34 am

End time: 9:38 am

Michael Garrett:

* What was done since the last scrum meeting?
* Decided to work on #671 (Time Data Point filter). Planned to add additional inputs to the intensity filter application to be used for the other filtering applications.
* What is planned to be done until the next scrum meeting?
* Complete #671.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Found a way to convert csv to arff files. Will work on how to to KMeans clustering on project.
* What is planned to be done until the next scrum meeting?
* Work on #669(Correlation Discovery) till I can get working and complete it.
* What are the hurdles?
* None at the moment.

## September 25, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:34 am

Michael Garrett:

* What was done since the last scrum meeting?
* Completed #671 (Time data point filter).
* What is planned to be done until the next scrum meeting?
* Work on #667 (Organism filter).
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Got the #669 (Correlation Discovery)cluster program to run but it is reading the ioexception part.
* What is planned to be done until the next scrum meeting?
* Get the file to read so #669 (Correlation Discovery) can be completed.
* What are the hurdles?
* Seeing the csv file read.

## September 26, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:26 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on #667.
* What is planned to be done until the next scrum meeting?
* Organize mingle layout.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Worked on #669.
* What is planned to be done until the next scrum meeting?
* Finishing up.
* What are the hurdles?
* None

## September 27, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Obtained feedback from product owner regarding filtering application and issued changes to be made via story cards in Mingle.
* What is planned to be done until the next scrum meeting?
* Find a way to process multiple variable-length cadaver data in one program; may need to wait on feedback for whether user should be able to enter different parameters for each cadaver.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Shown the #669 to product owner to get reaction and make any changes.
* What is planned to be done until the next scrum meeting?
* Using a random tree algorithm with original data.
* What are the hurdles?
* None

## September 28, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:29 am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Confirmed from PO that only one set of filtering parameters is required, which will be applied to every cadaver.
* What is planned to be done until the next scrum meeting?
* Obtain confirmation on how data points not matching the filtering criteria should be handled - should individual intensity data within cadavers be excluded, or should all data from the entire cadaver be excluded?
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Got original data to load and working on random forest algorithm. Want to check with Product owner if Random forest is acceptable to use for this project.
* What is planned to be done until the next scrum meeting?
* Obtain answer to the question and if so will implement the algorithm. Otherwise, find another one.
* What are the hurdles?
* The random forest has an error on one of the functions. May be problematic.

## September 29, 2017 (Sprint 2)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:27 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Designed plan to structure filter so that if a cadaver intensity value is outside of the specified range (min-max), it will be replaced with “?”.
* What is planned to be done until the next scrum meeting?
* Implement the new intensity filter algorithm.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Obtained confirmation for support vector machine or Random Forest. Worked on Support Vector algorithm.
* What is planned to be done until the next scrum meeting?
* Will type documentation for user current story for the sprint. Will attempt to work out bugs in algorithm afterwards.
* What are the hurdles?
* Memory heap was reached in program.Otherwise, none.

## October 2, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:27 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on intensity filter (#668).
* What is planned to be done until the next scrum meeting?
* Continue working on #668.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Worked on Apache Kafka implementation.
* What is planned to be done until the next scrum meeting?
* Might try parsing the data file somehow or increase heap size for better use.
* What are the hurdles?
* How to increase the heap size or parse files in weka.

## October 3, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:27 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on intensity filter (#668). May utilize MicroStrategy Desktop.
* What is planned to be done until the next scrum meeting?
* Continue working on #668.
* What are the hurdles?
* MicroStrategy Desktop only seems to be able to export files as .jpg or .pdf. Will have to determine whether this is an issue.

Christian Molto:

* What was done since the last scrum meeting?
* Worked on Support Vector Machine algorithm.
* What is planned to be done until the next scrum meeting?
* See how to use Apache Kafka for using large data file.
* What are the hurdles?
* None.

## October 4, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:27 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on intensity filter (#668).
* What is planned to be done until the next scrum meeting?
* Continue working on #668.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Used a platform called MicroStrategy desktop for correlation discovery.
* What is planned to be done until the next scrum meeting?
* See if there are any correlations on the data
* What are the hurdles?
* None.

## October 5, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:26 am

End time: 9:28 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on intensity filter (#668). Set several mingle user story points and priorities.
* What is planned to be done until the next scrum meeting?
* Continue working on #668.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Used a platform called MicroStrategy desktop for correlation discovery. Did a graph with all values to see some pattern.
* What is planned to be done until the next scrum meeting?
* Decide whether to have separate graphs for data points based on time or all together.
* What are the hurdles?
* None.

## October 6, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:32 am

End time: 9:36am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on intensity filter (#668).
* What is planned to be done until the next scrum meeting?
* Continue working on #668.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Found some genes that have consistently high levels throughout different intensities.
* What is planned to be done until the next scrum meeting?
* Find differences in the intensities in other genes.
* What are the hurdles?
* None.

## October 9, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:32 am

End time: 9:36am

Michael Garrett:

* What was done since the last scrum meeting?
* Deliberated whether to design filters for individual categories, since MicroStrategy Desktop is a free tool which enables the user to do so. Plan to recommend MicroStrategy to product owner. Completed gene name filter (#683) instead of intensity filter.
* What is planned to be done until the next scrum meeting?
* Work on #681 (Cadaver preprocessing against human genome).
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Found some differences in genes in intensities
* What is planned to be done until the next scrum meeting?
* Discuss findings with team member.
* What are the hurdles?
* None.

## October 10, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:22 am

End time: 9:27 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on #681.
* What is planned to be done until the next scrum meeting?
* Continue working on #681.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Found some standard deviation in some of the intensities. Also will start on #678.
* What is planned to be done until the next scrum meeting?
* Discuss how to implement the MicroStrategy Desktop with team member and product owner.
* What are the hurdles?
* None.

## October 11, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:25 am

End time: 9:27 am

Michael Garrett:

* What was done since the last scrum meeting?
* Obtained required data filters from product owner.
* What is planned to be done until the next scrum meeting?
* Implement new filters. (Gene name, Organism, # of intensity data points, and Superkingdom)
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Obtained new user stories to implement.
* What is planned to be done until the next scrum meeting?
* Will implement #686.
* What are the hurdles?
* None.

## October 12, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:24 am

End time: 9:27 am

Michael Garrett:

* What was done since the last scrum meeting?
* Began working on gene name filter (Currently classified under #679, Filter other categories).
* What is planned to be done until the next scrum meeting?
* Implement new filters. (Gene name, Organism, # of intensity data points, and Superkingdom). Look for a way to enable the user to filter any arbitrary set of categories.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Have the the file inputting only the information of the user inputted gene name.
* What is planned to be done until the next scrum meeting?
* Need to implement error message for nonexistent inputs.
* What are the hurdles?
* None.

## October 13, 2017 (Sprint 3)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:24 am

End time: 9:27 am

Michael Garrett:

* What was done since the last scrum meeting?
* Integrated gene name filter into application.
* What is planned to be done until the next scrum meeting?
* Implement new filters (Organism, intensity range, # of intensity data points, and Superkingdom). Look for a way to enable the user to filter any arbitrary set of categories.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed organism gene name subquery.
* What is planned to be done until the next scrum meeting?
* Looking to see how to improve filters.
* What are the hurdles?
* None.

## October 16, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:26 am

End time: 9:29 am

Michael Garrett:

* What was done since the last scrum meeting?
* Integrated organism/species name filter into application.
* What is planned to be done until the next scrum meeting?
* Implement new filters (intensity range, # of intensity data points, and Superkingdom). Look for a way to enable the user to filter any arbitrary set of categories.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed organism gene name subquery.
* What is planned to be done until the next scrum meeting?
* Looking to see how to improve filters.
* What are the hurdles?
* None.

## October 17, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:28 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Fixed an issue with the organism/species name filter where the application would sometimes add extra records to the dataset.
* What is planned to be done until the next scrum meeting?
* Implement new filters (intensity range, # of intensity data points, and Superkingdom). Look for a way to enable the user to filter any arbitrary set of categories.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Thought about how to implement a development environment to project.
* What is planned to be done until the next scrum meeting?
* Looking for suitable development environment.
* What are the hurdles?
* None.

## October 18, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:24 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Began working on the # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Thought about how to implement a development environment to project.
* What is planned to be done until the next scrum meeting?
* Looking for suitable development environment..
* What are the hurdles?
* None.

## October 19, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:25 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Check with team member what user stories need work and what doesn’t.
* What is planned to be done until the next scrum meeting?
* Await confirmation.
* What are the hurdles?
* None.

## October 20, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:25 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Began work on data threshold and superkingdom filter.
* What is planned to be done until the next scrum meeting?
* Continue work on this.
* What are the hurdles?
* None.

## October 23, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:25 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Continue working on superkingdom and threshold filter.
* What is planned to be done until the next scrum meeting?
* Attempt to finish on one of them today.
* What are the hurdles?
* None.

## October 24, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:28 am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed superkingdom filter.
* What is planned to be done until the next scrum meeting?
* Attempt to finish on data point threshold filter.
* What are the hurdles?
* None.

## October 25, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:25 am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Worked on intensity range filter.
* What is planned to be done until the next scrum meeting?
* Attempt to finish intensity range filter.
* What are the hurdles?
* None.

## October 26, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:25 am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Worked on intensity range filter.
* What is planned to be done until the next scrum meeting?
* Attempt to finish intensity range filter.
* What are the hurdles?
* None.

## October 27, 2017 (Sprint 4)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:42 am

End time: 9:45 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Worked on intensity range filter.
* What is planned to be done until the next scrum meeting?
* Attempt to finish intensity range filter.
* What are the hurdles?
* None.

## October 30, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:23 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Continue working on intensity range filter.
* What is planned to be done until the next scrum meeting?
* Will finish intensity range filter.
* What are the hurdles?
* How to get the output file to read more than the headers.

## October 31, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:23 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Got intensity range filter working.
* What is planned to be done until the next scrum meeting?
* Will do last minute checks to get file to print no duplicates.
* What are the hurdles?
* None

## November 1, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:27 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Researching how to save list to delete duplicates.
* What is planned to be done until the next scrum meeting?
* Continue working on intensity filter.
* What are the hurdles?
* None

## November 2, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:23 am

End time: 9:25 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Fixed duplicate line problem and send email for additional features to be added.
* What is planned to be done until the next scrum meeting?
* Awaiting confirmation.
* What are the hurdles?
* None

## November 3, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:20 am

End time: 9:25 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Implement # intensity data points filter.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Received confirmation for additional features
* What is planned to be done until the next scrum meeting?
* Will implement the additional features.
* What are the hurdles?
* None

## November 6, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:28 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Implemented # intensity data points filter.
* What is planned to be done until the next scrum meeting?
* Integrate Part 1 features.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the intensity filter.
* What is planned to be done until the next scrum meeting?
* Will attempt the column operations.
* What are the hurdles?
* None

## November 7, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Set up GridLayout on Part 1 menu for readability.
* What is planned to be done until the next scrum meeting?
* Implement column-specific search.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Worked on column operations utilizing the intensity filter.
* What is planned to be done until the next scrum meeting?
* Continue to work on the column operations filter.
* What are the hurdles?
* Having difficulty on printing only the first six integers.

## November 8, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30am

End time: 9:33 am

Michael Garrett:

* What was done since the last scrum meeting?
* Worked on reorganizing filter priorities (was previously column search, then # gene names, then # organisms, then # time points, then intensity range. This priority should be inverted, according to specifications).
* What is planned to be done until the next scrum meeting?
* Re-set filter priorities.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Worked on column specific search.
* What is planned to be done until the next scrum meeting?
* Working on case insensitive part for column specific searches.
* What are the hurdles?
* None.

## November 9, 2017 (Sprint 5)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:35 am

Michael Garrett:

* What was done since the last scrum meeting?
* Corrected filter priorities and set points removed from cadavers that do not have enough non-empty data points to be replaced with “p”.
* What is planned to be done until the next scrum meeting?
* Acquire test input to see if actual output matches test output.
* What are the hurdles?
* Acquiring test data.

Christian Molto:

* What was done since the last scrum meeting?
* Worked on case insensitivity.
* What is planned to be done until the next scrum meeting?
* Continue working on case insensitive part for column specific searches.
* What are the hurdles?
* Get a duplicate of file to use for comparison.

## November 13, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:24 am

End time: 9:26 am

Michael Garrett:

* What was done since the last scrum meeting?
* Asked whether points removed from dataset due to not meeting minimum # of points threshold should be replaced with “p” or “\*”.
* What is planned to be done until the next scrum meeting?
* Acquire test input to see if actual output matches test output, as well as integrate case insensitivity/ignore case program into main application.
* What are the hurdles?
* Acquiring test data and ignore case program.

Christian Molto:

* What was done since the last scrum meeting?
* Worked on case insensitivity.
* What is planned to be done until the next scrum meeting?
* Continue working on case insensitive part for column specific searches.
* What are the hurdles?
* Get a duplicate of file to use for comparison.

## November 14, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:24 am

End time: 9:26 am

Michael Garrett:

* What was done since the last scrum meeting?
* Asked whether points removed from dataset due to not meeting minimum # of points threshold should be replaced with “p” or “\*”.
* What is planned to be done until the next scrum meeting?
* Acquire test input to see if actual output matches test output, as well as integrate case insensitivity/ignore case program into main application.
* What are the hurdles?
* Acquiring test data and ignore case program.

Christian Molto:

* What was done since the last scrum meeting?
* Worked on case insensitivity.
* What is planned to be done until the next scrum meeting?
* Continue working on case insensitive part for column specific searches.
* What are the hurdles?
* Array usage for the ignore case comparison shows errors.

## November 15, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:24 am

End time: 9:26 am

Michael Garrett:

* What was done since the last scrum meeting?
* Awaited for acquisition of test data and ignore case program.
* What is planned to be done until the next scrum meeting?
* Acquire test input to see if actual output matches test output, as well as integrate case insensitivity/ignore case program into main application.
* What are the hurdles?
* Acquiring test data and ignore case program.

Christian Molto:

* What was done since the last scrum meeting?
* Worked on case insensitivity.
* What is planned to be done until the next scrum meeting?
* Continue working on case insensitive part for column specific searches.
* What are the hurdles?
* Array usage for the ignore case comparison shows errors.

## November 16, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:26 am

End time: 9:27 am

Michael Garrett:

* What was done since the last scrum meeting?
* Awaited for acquisition of test data and ignore case program.
* What is planned to be done until the next scrum meeting?
* Perform tests on application and acquire test input to see if actual output matches test output, as well as integrate case insensitivity/ignore case program into main application.
* What are the hurdles?
* Acquiring test data and ignore case program.

Christian Molto:

* What was done since the last scrum meeting?
* Got the case insensitivity working sort of.
* What is planned to be done until the next scrum meeting?
* Finish it.
* What are the hurdles?
* Null pointer exception and empty file.

## November 17, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:25 am

End time: 9:27 am

Michael Garrett:

* What was done since the last scrum meeting?
* Performed application tests. Awaited for acquisition of test data and ignore case program.
* What is planned to be done until the next scrum meeting?
* Perform tests on application and acquire test input to see if actual output matches test output, as well as integrate case insensitivity/ignore case program into main application.
* What are the hurdles?
* Acquiring test data and ignore case program.

Christian Molto:

* What was done since the last scrum meeting?
* Got the case insensitivity working sort of.
* What is planned to be done until the next scrum meeting?
* Finish it.
* What are the hurdles?
* Null pointer exception and empty file.

## November 20, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:24 am

End time: 9:27 am

Michael Garrett:

* What was done since the last scrum meeting?
* Implemented ignore case program. Performed application tests. Awaited for acquisition of test data.
* What is planned to be done until the next scrum meeting?
* Perform tests on application and acquire test input to see if actual output matches test output, as well as integrate case insensitivity program into main application.
* What are the hurdles?
* Acquiring test data.

Christian Molto:

* What was done since the last scrum meeting?
* Got the case insensitivity working sort of.
* What is planned to be done until the next scrum meeting?
* Finish it.
* What are the hurdles?
* Null pointer exception and empty file.

## November 21, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:10 am

End time: 9:18 am

Michael Garrett:

* What was done since the last scrum meeting?
* Performed application tests.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test data.
* What are the hurdles?
* none.

## November 22, 2017 (Sprint 6)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:10 am

End time: 9:18 am

Michael Garrett:

* What was done since the last scrum meeting?
* Acquired test data. Performed application tests. Emailed results of test data to product owner.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test data.
* What are the hurdles?
* None.

## November 27, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:21 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Acquired test data. Performed application tests. Emailed results of test data to product owner.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test data.
* What are the hurdles?
* None.

## November 28, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:26 am

End time: 9:30 am

Michael Garrett:

* What was done since the last scrum meeting?
* Acquired test data. Performed application tests. Emailed results of test data to product owner.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test data.
* What are the hurdles?
* None.

## November 29, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Acquired test data. Performed application tests. Emailed results of test data to product owner.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test data.
* What are the hurdles?
* None.

## November 30, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Acquired laurel wilt test data. Performed application tests. Emailed results of test data to product owner.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test data.
* What are the hurdles?
* None.

## December 1, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Acquired laurel wilt test data. Performed application tests. Emailed results of test data to product owner.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test data.
* What are the hurdles?
* None.

## December 4, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Performed test input with 34 test cadavers in a single file, each with 6 intensity data points. Verified time to create output file with this input is 10-30 seconds.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test results from project owner.
* What are the hurdles?
* None.

## December 5, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 9:30 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Performed test input with 34 test cadavers in a single file, each with 6 intensity data points. Verified time to create output file with this input is 10-30 seconds.
* What is planned to be done until the next scrum meeting?
* Await verification of whether actual output matches expected output.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test results from project owner.
* What are the hurdles?
* none.

## December 6, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 8:57 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Met with product owner and confirmed project meets all requirements. Sent usage instructions to product user.
* What is planned to be done until the next scrum meeting?
* Await feedback from product user on whether any additional modifications need to be made to project.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test results from project owner.
* What are the hurdles?
* none.

## December 8, 2017 (Sprint 7)

**Daily Scrum Meeting Minutes:**

Attendees: Michael Garrett, Christian Molto

Start time: 8:57 am

End time: 9:31 am

Michael Garrett:

* What was done since the last scrum meeting?
* Met with product owner and confirmed project meets all requirements. Sent usage instructions to product user.
* What is planned to be done until the next scrum meeting?
* Await feedback from product user on whether any additional modifications need to be made to project.
* What are the hurdles?
* None

Christian Molto:

* What was done since the last scrum meeting?
* Completed the ignore case program.
* What is planned to be done until the next scrum meeting?
* Awaiting the test results from project owner.
* What are the hurdles?
* none.