Sprint Planning:

**Initial User Story:**

Preliminary Work: Get existing Code onto Architectures

* Database Redesign and Implementation
* Create MySQL Diagram
* Export via Plugin using JPA facet
* Export back to MySQL
* Adjust configs to become DAOs
* Validation of import on multiple files (primary keys)
* Add time parameter to date/time column

JBoss Switchover

* Servlets, Persistence, JSP & html converted to JSON

Rewrite Queries

* Adjust query returns according to feedback
* Rename methods and buttons to better display function
* Validate inputs using javascript & named queries

Front End

* Frames instead of Struts
* User-name displayed on all pages
* Retain query frame when showing results
* Menu on all pages, with possible links to Queries

Others

* Check on validation methods of import have been retained
* Assumptions to be sent to Sharon
* Preliminary graphing to be done
* Research on graphing and drill-down capabilities
* Research on automatic upload via folder

**User Story 13/17**

As a Network Management Engineer I want all my queries to have a relevant Graphical representation to augment the numerical data being returned by the query

* Design the individual graphs
* Create the graphs in JSON

**User Story 18:**

As a Network Management Engineer I want to have a range of "drill down" capabilities on my Graphical Representations (e.g. Click on a Cell ID, see the associated failures, click on a failure, see the details etc.) OR (click on a Cause Class, drill down to the Cells affected, show the total duration of failures etc. etc.)

* Design links on graphs
* Code popup windows with internal links to further pop ups to fully explore references

**User Story 19:**

As a System Administrator I want to be able to execute data import and update to the Call Failures database automatically as datasets become available

* Implement Listener on a filesystem
* Trigger method when listener called

**User Story 20:**

As any type of User I want to have a response time of < 2s for any query I initiate

* Streamline query process

**User Story 21:**

As the System Administrator I want data import and update to the Call Failures database to be executed in < 2 minutes for a dataset of 30,000 records

* Streamline upload process