Project Description

IDEAL is utilized to provide visualization aids for researchers making use of large web archive files.

This information will be processed through Hadoop with a spreadsheet like interface. Why would we do things this way?
Interface, iteration #1

- Using HTML / CSS, jQuery and javafx
Interface consists of selectable archives
Filter options to restrict output
Selectable list items take user directly to result
Iteration # 1

An early idea for a filter tool

Addresses filter needs
But not client specs
Iteration #2

More current version:

Web page of results

Ability to continue search

Ability to further refine

IDEAL Spreadsheet

<table>
<thead>
<tr>
<th>Subject</th>
<th>People Talking</th>
<th>Images Related</th>
<th>Tweets Related</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floods, China</td>
<td>Obama</td>
<td></td>
<td><a href="https://twitter.com/GlobalFloodNews/status/440318944302231552">https://twitter.com/GlobalFloodNews/status/440318944302231552</a></td>
</tr>
</tbody>
</table>

Add New Search
Iteration #3

Client Feedback

On the right track. Eliminate check boxes.
Add feature to apply filters by dragging through cells (similar to excel)
Combines spreadsheet type feel with ease of use functionality.
Can be modified easily to accommodate future users.
Problems Faced

● Requirement Ambiguity
● Project Scope
● UI / Backend Balance
Learned

- Get rid of ambiguity as fast as possible
- Better group organization
- More research
Looking Ahead

- Help section
- SOLR integration
- More operations
Demo Video

https://www.youtube.com/watch?v=f0gsRTUxQN&feature=youtu.be
Questions?