5/11/2016

FinalProject12.war was updated. Searching problem in setPub.page was fixed.

Pub information on setPubs page were fixed, which was directed to trial information page before.

Links for coauthors (pub, setPubs, profile) were added.

5/10/2016

Mahesh fixed the problem with the setPub search (make sure it works when you're not logged in). Sarah updated the menu javascript, so that every page load tests the trackingID against local storage and redirects to the login page if the parameter is not correct. Trial & setTrial pages were uploaded; participants and their roles are shown (if no participants, there is a link taking you to the official trial page); no more duplicates.

5/3/2016

FinalProject7.war was uploaded. Pub.jsp & trial.jsp were fixed. BarChart.jsp was included – James created a hyperlink in the menu called "Bar Chart", which leads you to the bar chart. (But I think the guys are still working on the D3 stuff.)

4/30/16

FinalProject4\_plus\_trialinfo & authorprofile.war was uploaded. It kind of works – hyperlinks to show some trial information and author profiles, but still need improvement:

* It doesn't work on some projects (both pages). Though I did the <c:if> to test if it was empty, sometime you get a blank page.
* Multiple authors cannot be listed appropriately; same contents keeps looping

4/26/16

I uploaded a new WAR file with the pages I've been working on:

* Profile page should now search both medline and clinical trials effectively. Medline search is based on names; clinical trials search is based on email linked to contact information.
* Form1 allows you to enter data for a new user (limiting to University of Iowa email addresses)
* Form2 processes and displays new data entry.
* Hack is not for public use; it's a shortcut to delete data based on the email address.
* Index page now shows department rather than universities, and will direct to the form page if you search for a name that doesn't exist.

I talked to Dave, and he said that our database should only include researchers from the University of Iowa, so we'll have to delete the records for external researchers before we turn it in.

Once we get the two linking databases running, I'll change the profile searches to reflect the researcher curated lists and work on the code for allowing researchers to identify their own articles. (May want someone working with me on that.)

Also still need to create a form that will allow users to edit existing data. This will need to be a password entry point, so let me know how the login stuff works out.

4/23/16

Ruoran and Sarah worked on setting up some of the initial searches.

Because the existing databases were inaccessible, Ruoran set up a new researchertest database, and we entered 12 persons (see the Manual Data Entry document).

We edited the CSS document to try and make it more friendly for the page that we were setting up (there did not appear to be a page template uploaded, just the CSS document), and built the index.jsp and profile.jsp pages.

On the index.jsp page, there is code to count the number of records, count the number of universities, display the list of names in the existing database, and search for names in the existing database. If you search for a string that doesn't exist, you will get an error message.

Each name listed links to the profile page which searches information based on the selected researcher's email address.

The profile page displays the individual researcher's Department information, description of research and contact details. We also coded a search of the clinical\_trials database to match name and email information; however because of the inconsistent way that name information is entered, we only made it work for one person's name.

We are hoping to modify our researcher table to distinguish between researchers' first and last names so that we can improve our search capability.

Next Steps:

* Create a form so individuals can register and enter their own information into the tables
* Make sure that this form can deal appropriately with apostrophes in paragraphs (they were messing up terminal)
* Build the trial.jsp page that studies listed on the Researcher Profile page can link to
* Use jstl to import standard navigation and headers from separate files (this is something we did in Computing Foundations. I can find the code at home or Hanna can fix it)
* Correct clinical\_trials search, and add searches for pubmed articles

<sql:query var="medli" dataSource="${jdbc}">  
select distinct title, last\_name, fore\_name, article.pmid  
from medline.article  
inner join medline.author   
on article.pmid=author.pmid  
where last\_name LIKE '%${row.familyname }%'  
group by title, last\_name, fore\_name, article.pmid  
order by last\_name ;  
</sql:query>

<sql:query var="medli" dataSource="${jdbc}">  
select distinct title, last\_name, fore\_name, article.pmid  
from medline.article  
inner join medline.author   
on article.pmid=author.pmid  
where fore\_name LIKE '%${row.givenname }%' and last\_name LIKE '%${row.familyname }%'  
group by title, last\_name, fore\_name, article.pmid  
order by last\_name ;  
</sql:query>

<sql:query var="medli" dataSource="${jdbc}">  
select distinct title, last\_name, fore\_name, article.pmid  
from medline.article  
inner join medline.author   
on article.pmid=author.pmid  
where fore\_name LIKE '%${row.givenname }%' or last\_name LIKE '%${row.familyname }%'  
group by title, last\_name, fore\_name, article.pmid  
order by last\_name ;  
</sql:query>

<form action="validate\_jstl.jsp" method="post"> **<input type="hidden" name="submitted" value="true">** <table> **<c:if test="${param.submitted && empty param.userName}">** <tr><td></td> <td colspan="2"><font color="red"> Please enter your Name </font></td></tr> **</c:if>** <tr> <td>Name:</td> <td> <input type="text" name="userName" value="**<c:out value="${param.userName}" />**">