**CST8218 – Progress Report**

Project: BlogShare

Version: 0.25

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**Changes From Initial Proposal:**

The feature to allow authors to make their content publicly editable to individual users has been removed and instead is replaced with the feature to allow authors to make their content publicly editable to all users. The content is either public or private.

This may require the logical design of the database to be modified. If modified, the change will be made to the User\_PostEditPrivilege, or Post\_PostEditPrivilege tables.

The structure of BlogShare is more complicated than expected which resulted in the creation of more servlets and backing beans than expected. We also did not use any pages with the .html files extension, instead opting for using the .jsp file extension for all pages containing HTML content.

**Features Added Since Version 0.2:**

1. Allowing the user to edit the content of their posts.
2. Allowing users to indicate that they would like to make their content publicly editable.
3. Implementing the functionality of the search bar to allow the user to search for Blogs, Posts and Users.

Also allows the user to search for content that is editable versus content that is not.

1. Internationalization in French for Home, Profile, SearchBar and Blog pages of website.
2. Significant Layout changes to profile page.
3. Modified layout of home page, to hide Login and Registration forms on user login.
4. Minor changes to overall UI of web application, where all uses of font tag was removed and replaced where paragraph tag where possible.

**Tasks Planned For Version 0.3:**

1. Enable loading of the content (Blog, Post or User) presented within search results to the associated page related that item.
2. Enable users to edit other user’s publicly available content.
3. Finish implementing internationalization.
4. Enable creation of usable edit history based on the edits made to a post.
5. Enable users to maintain their posts using the edit history associated with that item.
6. Bug Fix with SQL query creation and single quote.

**Initial Report Schedule vs. Current Progress**

1. 1. Design and Develop CSS Style Sheets for Look and Feel of BlogShare
      1. **Site currently uses css required for Bootstrap (front-end framework), as well as a custom css sheet for general styles**
   2. Design and implement basic Database Architecture
      1. **Database design has fulfilled expectations with minor changes: User and Blog tables were modified to include an ‘is editable’ flag**
2. **- 0.3** 
   1. Implement Database Connectivity between web page and database  
      Bug Fixes with basic versions of web pages & Design and Develop basic dynamic content (Create users, create blogs/posts, configure blog/post settings , Edit contents of post, build edit history, remove edit, credit co-authors)
      1. **Session management used to display active user’s site/info**
      2. **Users, blogs and posts can be created and edited in the database through the Web App**
      3. **Edit history – in progress, planned for 0.3**
      4. **Co-author privileges and edit management pushed to 0.4**
   2. Implement basic system architecture
      1. **Pages uses two external javascript libraries, Bootstrap (GUI framework) and jquery, for scripting**
      2. **JSP files used to create dynamic content: lists, links search results etc.**
      3. **Nine servlets used to generate responses from the server:  
         BlogCreate, EditUser, GetBlog, LoadProfile, Login, Logout, PostCreate, Register, Search**
      4. **Servlets manipulate eight classes to query/update database and store information in session:  
         Blog, User, Post, SearchResult, DbConnection, Login, Register, PostEditPriviledge**
   3. Implement database architecture to include an edit history.
      1. **Pushed to 0.4**