

COMP2005 - Team Project

Group L

Project Review

Project Summary:

Computer science 2005, Group L completed a term project assigned to them by Dr. Edward Brown (Course Instructor).

The objective of this project was to design a tool for exchanging information on materials, tutorials, tools, organization and other helpful resources or links to aid students with their different levels of experience with software development.

Scope Management:

The scope of this project included a phase approach for the design. All functional features were done in phases to ensure the success of each part to the overall implementation of the design.

Quality of Deliverables:

The project was able to deliver all the functional features (including the substantial feature chosen by the team) that were listed in the original scope, with all deliverables properly documented.

Future Considerations/Recommendation:

Group L term project was a carefully planned and successfully executed project for the User. However, it is not without its issues/Recommendation for the advancement past this prototype. Here are a few areas that could be added/done better:

Changes:

Project Management Plan:

With regards to a Gantt chart, in allocating work resources a better tool will be used rather than the suggested tool (ProjectLibre).

The Group found it to be difficult to change dates and times in the calendar as it restructures the whole chart when a change is made.

Client/Server Architectural Structure

Finally, one most important development issue that can be addressed/changed is an interface that separates every component so it's not dependant on the use of just SQL-Alchemy only.

Recommendation to Advance the Prototype:

1. User Authentication

Users will be restricted from registering their account if their password is not at least 8 characters long. This feature could be a great addition to the design so as to ensure security with user account.

2. Post Editing/ Creating

There can be more formatting tools added to the post editor page to give users a wider range of option when creating /editing a post.

A user will not be able to submit an empty post. Every post will need to have content for it to be published.

Ratings of post could be a great feature to implement on the post viewing page. This will give all users a substantial feedback for all users in the future.

3. User Subscriptions to topics and subsequent new post:

Another great feature to be added to the design is to disenable users to subscribe and unsubscribe to private post/threads.

4. Creation of Discussion Groups and optional restrictions

Creating a new group requires the user to be added to the Group themselves in order to add other users.

User should be able to request access to groups, leave groups if there is no longer an interest and enable a Group admin to add users after creating a group.

5. Profile picture in User Profile

It would be nice to have a profile picture for the User Profile for more of a functionality.