

Link Sharing

We need to develop a link sharing application which could be used for sharing useful links/documents amongst a group of subscribers.

Users can create new topics or subscribe to existing topics. A topic can be either private or public. A public topic is visible/open for subscription to every user. A private topic can be subscribed only through an invitation sent by an existing subscriber.

The application should provide a solution to following stories:

1. A user should be able to login.
2. A new user should be able to register. An active valid user should be able to login with correct credentials.
3. A user should be able to reset his/her password by clicking on the forgot password link.
4. User can create a new topic and he will be automatically subscribed to it with seriousness(SERIOUS, CASUAL, VERY_SERIOUS) of Very Serious. The topic can be private or public. Name of the topic should be unique per user.
5. User can subscribe to an existing public topic.
6. User can specify his/her seriousness to a particular topic.
7. Subscribed users can send invites for a public or private topic.
8. The user should be able to browse all the public topics.
9. The user should be able to add a resource to a subscribed topic.
 1. A resource can either be a link resource or a document resource.
 2. A link resource will contain a link to an external resource or even an internal resource.
 3. A document resource will consist of downloadable content.
10. The user cannot be deleted.
11. The user should be able to mark a resource as read/unread.
12. Only a Creator of a resource or admin can delete a resource.
13. Only a Creator of a topic or admin can delete a topic. Its resources should also be deleted irrespective of the ownership status or resources.
14. User can rate a resource. Most subscribed topic will be a trending topic.

UI

1. Header shown on dashboard page will show on every user logged in page, non logged in user will see home page header.
2. Flash message should pop up on every ajaxified create, delete or update of any record.
3. Ajax related tasks (search,pagination,model, rating etc) will be done after ajax session is done till then normal page load behaviour will work.
4. Social share will be the last feature.