**Lab 2**

**1. Requirements**

\_ Provide guest access / member access / mod access / admin access.

\_ Provide account identification.

\_ Provide multiple topics.

\_ Provide user ranking.

\_ Provide subscribing function.

**2. Functions**

\_ Sign up.

\_ Login / logout.

\_ Allow user (non-member) to read all the discussion posts and messages.

\_ ~~Moderator promotion (for administrator only) (?).~~

\_ ~~Allow to read message (all users); create post and post message (all identified users – except guest); create thread (mod / admin only); delete post (mod / admin) and thread (admin).~~

\_ ~~Allow mod / admin to ban & unban users.~~

\_ ~~Allow members to report post (thread ?).~~

\_ ~~Allow identified user to subscribe to a specified topic.~~

\_ Allow member / moderator / administrator to create a post.

\_ Allow member / moderator / administrator to edit own posts.

\_ Allow member / moderator / administrator to edit profile.

\_ Allow member / moderator / administrator to post a message.

\_ Allow member / moderator / administrator to edit their own messages.

\_ ~~Allow member to upvote / downvote post / message (reply).~~

\_ ~~Allow mod / admin to pin important post.~~

\_ ~~Allow all user (including guest) to search for topic / thread.~~

\_ ~~Allow users to send direct message to each others.~~

\_ Allow moderator / administrator to edit / delete other members’ messages.

\_ All the posts inside a particular thread is sorted according to the number of messages inside.

Note: moderators only have permission in one thread.

**3. Product backlog**

|  |  |  |
| --- | --- | --- |
| **User stories** | **Priority** | **Estimation** |
| *As a guest, I want to sign up so that I can have all members’ accessibilities.* | High | 2 |
| *As a member / moderator / administrator, I want to login / logout.* |  |  |
| ~~As a guest, I want to search for a specific thread / post / message.~~ | ~~High~~ |  |
| *As a member / moderator / administrator, I want to add a new post.* | High |  |
| *As a member / moderator / administrator, I want to edit my own posts.* | High |  |
| ~~As a member / moderator / administrator, I want to delete my own posts.~~ | ~~High~~ |  |
| ~~As a member / moderator / administrator, I want to add new posts / edit post / delete post. (separate ?)~~ | ~~High~~ |  |
| *As a member / moderator / administrator, I want to post a message.* |  |  |
| *As a member / moderator / administrator, I want to edit my messages.* |  |  |
| ~~As a member / moderator / administrator, I want to post message or reply / edit message / delete message.~~ | ~~High~~ |  |
| ~~As a member / moderator / adminstrator, I want to subscribe to a thread for easy access.~~ | ~~Medium~~ |  |
| *As a member, I want to edit my profile.* | Low |  |
| ~~As a member, I want to upvote or downvote a post / message.~~ | ~~Low~~ |  |
| ~~As a member, I want to report post / message / user that violates forum’s rules. (separate ?)~~ | ~~Low~~ |  |
| ~~As a moderator, I want to pin a posts (max: 2).~~ | ~~Low~~ |  |
| ~~As a moderator, I want to unpin a post.~~ | ~~Low~~ |  |
| ~~As a moderator / administrator, I want to ban & unban members.~~ | ~~Low~~ |  |
| *As an administrator, I want to promote a member to become moderator of a thread.* | Medium |  |
| ~~As an administrator, I want to create / edit / delete thread.~~ | ~~High~~ |  |
| *As a moderator / administrator, I want to delete / edit members’ messages.* |  |  |

**4. Sprint backlog**

**5. Prototype for user stories**

Van: subscribe / unsubscribe

Thien: search engine

Bao: modify posts

Ho Huy: edit profile

Huy Luong: report

Thinh: pin post