



OKANAGAN

**THE UNIVERSITY OF BRITISH COLUMBIA**

**COSC 360 Web Programming**

**Project Proposal - The Tech Ward  
(My Discussion Forum)**

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## **Overview**

The Tech Ward website is a comparable online discussion platform to HackerNews. The website allows users to participate in technological discussions. A user can register, make new posts, react to other threads, and rate the threads made by others. A guest (un-registered) user may just read the threads. The user will be able to filter the threads depending on various search filters such as programming, gadgets, machine learning, and so on.

## **Functional Requirements**

### **User :**

1. A user will be able to create an account.
2. A user will be able to login with their credentials if the account exists.
3. A user will be able to continue as a guest for browsing, but will not be able to create a post or leave comments on any posts.
4. A user will be able to create a discussion forum.
5. A user will be able to delete a discussion forum.
6. A user will have the option to post anonymously.
7. A user will be able to search for discussion forums.
8. A user will be able to view comments on a discussion forum, if they exist.
9. A user will be able to view replies on a comment.
10. A user will be able to like a comment.
11. A user will be able to like a discussion forum.
12. A user will be able to leave a comment on a discussion forum.
13. A user will be able to reply to a comment on a discussion forum.

14. A user will be able to delete a previously made comment on a discussion form.
15. A user will be able to edit a previously made comment on a discussion forum.
16. Users will be able to order threads by newest or most popular threads.
17. Users will be able to filter threads based on a given search filter, such as programming, machine learning, etc.

### **Administrator:**

1. Administrators will be able to login as an administrator with their valid credentials.
2. Administrators will be able to remove posts and comments that violate system policies, such as unrelated/irrelevant posts and comments.
3. Administrators will be able to view threads by registered users
4. Administrators should be able to search users by name, email or post.
5. Administrators should be able to enable or disable the user.

## **Non-Functional Requirements**

1. The system must support multiple concurrent users.
2. The system must be accessible to a wide range of users.
3. Page visuals and usability must be accessible on both desktop and mobile devices.
4. The system must support most of the browsers.
5. The system must have a responsive layout to respond to different window sizes (scalability).

**Note : The requirements are tentative and could change as we go through the project.**

**References:**

Some of the information above was taken in part from

[https://canvas.ubc.ca/courses/107676/pages/project-info?module\\_item\\_id=5375136](https://canvas.ubc.ca/courses/107676/pages/project-info?module_item_id=5375136)