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Web Application Development

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The Internet is a great place to find new information. One of the most common places for people to have conversations, ask questions, and provide answers is an internet forum, also known as discussion boards, discussion groups, discussion forums, and message boards. An **Online Forum** is a discussion site where people can hold conversations in the form of posted messages. Online forums are considered as a staple part of internet culture nowadays and are established in order to help certain groups of individuals discuss various topics or a field of interest, which would initiate exchanges of views, reactions, and opinions from different users.

For years now, Esports has continuously grown as an industry, racking in thousands and thousands of players each week. The industry as a whole is legitimately becoming a huge thing in the field of entertainment, and this is partly due to the attention that the game "League of Legends" or "LoL" has brought to the MOBA or Multiplayer Online Battle Arena platform industry. The game has garnered a massive cult following over the years, thus the community of LoL players continuously expands with each passing day.

For this project, the members of the group are tasked to create an Online Forum Web Application exclusively dedicated for League of Legends players in the Philippine server to post questions, opinions, or simply anything related to the game. This entails that the web application maintains all past and future threads posted by the user of the application. Various key features present in other online forums must also be present in this application. Below are the features expected to be present.

League of Forum
Application Features

- Removed Features as of April 4, 2020
  - Upvote
  - Downvote
  - Save Post
  - Unsave Post
- Admin
  - Has the authority to ban users
  - Remove posts and comments
  - Validate reported users, comments, and posts.
  - 3 valid reports would incur penalty to the account of the user. (Banned user account)

- Register
  - Visitors without an account can register to be able to post, comment, and save. They must provide a username, password, email, and date of birth (at least 13 years old to create an account). A photo, nickname, and a short description would be optional.
  - Emails registered should be authentic and verified to finish with the account registration.

- Change Password (optional)
  - If you feel like you are being hacked by others, this feature helps you to protect your account as you will be able to change your password, and this feature would require the following fields: your old password, a new password, and confirmation of the password.

- Forgot Password (optional)

- ○ This will help those who often forget their password. The user can opt to let the application send a code to the email registered to the account and must enter the code sent to the email.

- ● Log In
  - ○ Users will log in using their username and password. There will be an option wherein the user can opt to save their username and password.
  - ○ As a visitor, you will only be able to access the top 10 most recent posts and will not be able to access other features.

- ● Log out
  - ○ To prevent Identity theft/account lost, please ensure that you always log out after using the website as this will allow other users to not be able to access your account after you use it.

- ● View All Post
  - ○ Unregistered users can see 10 snippets of posts and the user who posted it, but are not allowed to upvote, comment nor save. They can click the title of the discussion and another webpage will load with the post and comments.
  - ○ Registered users can choose which posts to see, to be filtered out by tags. They can also choose the order of the posts to be shown, whether by the time of posting or the popularity.

- ● Managing / Viewing User Profile
  - ○ Each registered user has their own profile which he/she could choose to set the status as public (even unregistered users can view the user's information) or private (only registered users can view). A user's profile contains information such as their League of Forum username, profile picture/avatar, nickname, posts, number of comments, description about the user, date of registry, player in game name, player rank, and user rating (which would measure his/her attitude and contribution for the forum).

- ● Edit User Profile
  - ○ Each user can edit their profile username and/or nickname, change their photo, edit their short description, and change their password. To change an email, the original email will be notified about the change and the new email will be the registered email.

- ● Make a Post

- Registered users can make text posts about their thoughts, their tips to anyone who is just starting out, strategies that they find helpful in their gameplay, and many more as this will be the main controversy on the website. They must provide a title and the body of the posts. They can also opt to include short-text tags that have relation/s to their post.

- Edit a Post
  - The owner of a post may edit their post anytime they want just by clicking the edit option under the post that they want to edit.

- View a Post
  - A user may view any post on the page with a link. This will load the title, the body and the comments of the post.

- Comment on a Post
  - A user can comment on any post, including their own. They may also reply to another user's comments. They just have to click the comment option under the post, this will let other people know about your thoughts about the post.
  - A user can reply to other comments made in the post by other users. (Nested Comments)

- Edit Comment
  - A user may edit their comment/s anytime they want just by clicking edit under the comment they want to edit.

- Delete Comment
  - The owner of the comment may delete their comments, and a confirmation will pop up to ensure that you are certain that you are going to erase it.
  - The owner of the post can also delete comments made by other users under his/her post.

- Delete a Post
  - A user may want to delete post/s since it may not be relevant to the community. This can be done by just clicking the delete option beside the post and a confirmation will pop up to ensure that you are certain that you are going to erase it.

- Save Post
  - If a user finds a post helpful and would want to keep it, they may save a certain post (including their own) and view it on a later date.

- Unsave post
  - A user can unsave a post and this post will no longer be shown in the save section.

- Rate (similar to grab) (optional)
  - Each user has their own rating (in stars) and can rate others as well, this will help other people to verify whether a post is credible or not.

- Report a Post (optional)
  - Anyone can post, but be wary of your post because other users may report your post and upon inspection of the developers, you may not be able to post for a while and will have a lower rating.

- Report a comment (optional)
  - Anyone can comment, but be wary of your comments because other users may report your comments and upon inspection of the developers, your rating might decrease.

- Upvote
  - This will determine whether a post is something helpful. A lot of upvotes means the post is good and reliable and certified by other users. You may upvote a post by clicking the thumbs up icon under the post. A user can upvote a post or a comment (including their own) once.

- Downvote
  - This will determine whether a post is something that may not be helpful. A lot of downvotes means the post may not be as reliable and these votes are certified by other users. You may downvote a post by clicking the thumbs down icon under the post. A user can downvote a post or a comment (including their own) once.

- Search a Post
  - A user can enter words/phrases, and titles/posts with similar words/phrases will show up. A user can also enter tag/s to further filter the posts.

- Hide a Post

- You can hide a post which you do not wish to see and this post will be in a hide section. Posts in the hide section will be hidden from your newsfeed and can only be shown when you unhide it.

- Unhide a post
  - You can unhide a post and this post will be shown in your newsfeed or future searches.

- General
  - Good user experience. Visitors can easily navigate without help, all information is easy to access. Good visual design. The design suits the theme of the application and is cohesive and consistent across the whole applicat