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| Unit Title | SD: Developing Websites for Multiplatform Use | | | | |
| Candidate’s Name | | William Bell | | Class |  |
| **SOFTWARE ENGINEERING DOCUMENTATION**  **Functions to Implement** | | | | | |
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| GENERAL FUNCTIONS OF USERS ON THE SYSTEM | | | | | |
| **User Functions**   1. View all posts:    * Allows the user to browse all post types un-filtered. 2. Filter posts by category, genre, or both:    * Allow the user to further filter the posts by their categories, genres, or both. 3. Comment of posts:    * Allow logged in users to post comments on posts. 4. Edit comments:    * Allow the owners of comments edit them and resubmit them. 5. Delete own comments:    * Allow the owners of comments delete their own comments If these comments have replies make sure to not fully delete the comment and only the content. 6. Reply to comments:    * Allow logged in users reply directly to other users comments. The same rules as commenting, editing, and deleting apply. 7. Can report/flag posts and comments:    * A user may report comments or posts if they find them offensive in any manner, a reason is required and any additional information optional.   **Author Functions**   1. All user functionalities. 2. Browse all owned posts:    * Allow an author to view their previously created posts.    * Further Filtering to include published, draft and pending posts. 3. Create new posts:    * Allow an Author to create new posts, the type will depend on the authors roles and the type dictates the additional fields required. 4. Edit previous posts:    * Allow an active Author to edit their posts before publishing. If a post is published and requires editing an admin must take down the post before editing.   **Editor Functions**   1. All user functionalities. 2. Browse all unpublished posts:    * Allow an editor to view all posts that are currently unpublished and without HTML/CSS. 3. Browse all owned published/unpublished posts:    * Allow an editor to view their previous work and current uncompleted work. 4. Create the look of a post for publishing:    * Allow an editor to edit the HTML and CSS of a post.    * Once editing is finished set a publish date and confirm. 5. Edit the look of previously published work:    * If necessary, an editor may request a pull of a post to perform edits to the look of the post.   **Moderator Functions**   1. All user functionalities. 2. View all flagged comments and posts:    * A moderator can view all reported comments and posts, including their reasons. 3. Delete reports:    * On passing judgment, if the report is unsubstantiated, the moderator may delete the report. 4. Archive/Delete comments    * If a post breaks the rules of the site a moderator can directly delete, or archive (if the comment has replies) the offending comment.    * The moderator has access to the same abilities through a report. 5. Pull posts:    * If a post is reported or found to be breaking the sites own rules and Moderator can pull the post until the post is either fixed or archived/deleted. 6. View All Cases:    * A Moderator can review all owned and unassigned cases. Cases are created when a number of reports surpass the threshold (if 10 reports against a user exist create a case). 7. Pass Judgment on a case:    * Using the reports as a base for investigating a post or comment a moderator may pass judgment on the case outcome; innocent or guilty.    * If guilty a moderator can either warn, suspend, or block the commenting/posting of a user. 8. Delete Case:    * If a case outcome is innocent a moderator can remove the case and all its associated reports 9. Suspend user accounts:    * A moderator can suspend a user through a case otherwise a moderator cannot directly suspend a user without cause. 10. Remove commenting abilities from users:     * A moderator can remove a user’s ability to comment directly though that user, through a case or a report. 11. Unsuspend users:     * If a Moderator finds just cause to un-suspend a user, they may do so through their dashboard. 12. Approve commenting abilities for users:     * If a Moderator finds just cause to un-block a user’s ability to comment they may do so through their dashboard.   **Admin Functions**   1. All base user functionality. 2. All Moderator functions. 3. Can create new categories/genres:    * An admin can add new categories and genres to the site to allow for greater filtering. 4. Can edit categories/genres:    * An admin can edit previously create categories and genres. (A mass update may be required) 5. Can remove categories/genres:    * An admin can remove unused or unnecessary categories or genres. (Extra care must be taken when doing this as posts who have these categories or genres must be updated) 6. Can CRUD report reasons:    * Admins can create, edit, and delete existing report reasons. Allowing for greater understanding of reports. 7. Can promote/upgrade accounts with new permissions:    * An admin can grant different roles to users:      1. Example 1: A user may be given Author permissions to allow them access to the author dashboard.      2. Example 2: An Author with Reviewer permissions can be given Blogger permissions to allow them to create blog posts as well as reviews. 8. Can relegate/remove permissions:    * Similarly, to upgrading accounts, an admin can remove permissions if need be:      1. Example 1: An author who has Editor permissions is no longer allowed to edit the look of their own posts and the Editor permission/roles can be removed.      2. Example 2: An author who has permission to write Blogs and News no longer requires the ability to write Blogs and therefore the Blogger permissions/roles is removed. 9. An admin can delete users accounts:    * If requested an admin can delete a user’s account and information along with it.    * If a staff member (roles above user) is no longer active an Admin can remove the user from the DB | | | | | |
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