**COSC 360 Final Project – Team 31**

**Jasper Looman**

**Jason Schaad**

**Nicholas Schaad**

**Lily Stussi**

**Project Description:**

Welcome to nerdForum! nerdForum is a social sharing website where you can create a free account and join our community to discuss nerd stuff with other nerds. Come make posts to discuss with users about things such as World of Warcraft, League of Legends, or any other nerdy topics of our choice. If you can’t find the nerdy topic you are looking for, you can either search for a topic, browse through pre-existing discussions to comment on, or make your own! Joining nerdForum will help improve communication skills and help you make some better gamer friends the more you engage in posts. If you forget your email or password, we have an email password recovery set up, but you probably won’t forget since you’re a NERD xD

**User Walkthrough (No Admin Privileges)**

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|  | **Description** | **Screenshot** |
| 1 | Navigate to: http://schaad.ca/nerdForum/  This will take the user to the homepage. In the top left corner, we three options to click on: Search, Login, and Home. This page can be reached by selecting Home option or by clicking on “Nerd Forum” in the top left.  In the center of the page, we have a list of all the categories that have the option to click on.  Underneath the Categories, there is a “Hot Post” feature that displays the posts that currently have the most replies within the past 24 hours (in descending order). | Graphical user interface  Description automatically generated with medium confidence |
| 2 | Navigate to the Login Page:  Here the user has the choice to enter their login information (username and password). The user is also given the option to Create new Account, or if they have forgotten their password, they can click “Forgot your password?” The user is also able to navigate back to the home page using the Home button. | Graphical user interface, website  Description automatically generated |
| 3 | Navigating to the Forgot Password Page:  This page will take the users email address and then send the username and password corresponding to the email address that was provided (email shown below).  Graphical user interface, text, application  Description automatically generatedGraphical user interface, text, application, email  Description automatically generated | Graphical user interface, text, application, website  Description automatically generated |
| 4 | Navigating to the Create New Account page allows the user to enter their information to make an account- if the user enters an email or username that already exists, an error will show up (pictured below).Graphical user interface, text, application, chat or text message  Description automatically generated | Text  Description automatically generated with medium confidence |
| 5 | When navigating to any of the categories from the homepage, all of the post titles in that category are displayed along with the author, date posted, and the number of replies. The user has the option to click on any of the titles to view the corresponding post. If the user is logged in, they are able to create a new post in the category. | Graphical user interface, application  Description automatically generated |
| 6 | When clicking on a post title, it will navigate to the forum post as well as the post replies. The post displays the date and time posted along with the post author’s username and display photo. There is an “Collapse Replies” option that hides any replies and will only show the original post. When Collapse Replies is clicked, the button changes and gives the user the option to show the replies again. The user is also given the option to add a new reply to the post underneath the post.  (Top screenshot shows replies, bottom screenshot shows collapsed replies) | Graphical user interface, application  Description automatically generatedGraphical user interface, text, application, email  Description automatically generated |
| 7 | The user is given the option to edit their information by clicking on the “Welcome (first name, last name)” at the top of the page. Once they update their information, they need to log out and log back in for the changes to show. (Prompt shown below)Text  Description automatically generated | Graphical user interface, text  Description automatically generated |
| 8 | When the user clicks on “Change Password”, they are brought to a page to enter their old password, and then their desired new password. The user must retype their new password to confirm.  When the user types in their old password, we use AJAX to query the database to check if the password is correct or not. A message is displayed depending on whether the old password was correct or not. We add an onblur event to the Old Password field to trigger the AJAX.  We use javascript to confirm the user is typed the new password correctly both times. Fields with issues are highlighted in red. | Graphical user interface  Description automatically generated |
| 9 | When clicking on the Search option in the navigation bar, the user has the option to search for posts and replies from specific users (Search by User button), or they can search the forum with a keyword. | Graphical user interface, text, application, chat or text message, website  Description automatically generated |
| 10 | When searching by user, there is a dropdown menu with all of the current usernames. Once one is selected, all of the posts and replies created by the user will appear. Clicking on the blue “i” icon will take the user to the post. | A picture containing timeline  Description automatically generated |
| 11 | When searching the forums by keyword/key phrase, the user will type in what they are looking for, and the posts and replies that contain that word or phrase will show up. If there are no related posts or replies, a message will tell the user that no results were found. Clicking on the blue “I” icon will take the user to the post. | A picture containing rectangle  Description automatically generatedText  Description automatically generated |
| 12 | The page displays a successful logout (bottom screenshot) when the user clicks “Logout” at the top of the page (top screenshot). | Graphical user interface, text, application  Description automatically generated |

**User Walkthrough (Differences with Admin Privileges)**

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|  | **Description** | **Screenshot** |
| 1 | With admin privileges, the homepage looks the same, except with the option to click Admin at the top of the screen in the navigation bar. | Graphical user interface  Description automatically generated |
| 2 | Clicking Admin on the top of the page will take the user to the admin page (if they have admin privileges). Here the user is able to filter search users by username, first/last name, or email.  Below the list of users, the admin has the option to search for posts and/or replies created on a certain date. | Graphical user interface, table  Description automatically generated |
| 3 | When you enter information to search a user, the page will display all results that contain the information entered. In the first screenshot you can see when “test1” is searched, only Jason shows up, but when “test” without any numbers is searched, any user containing “test” in any of the following information will be displayed. | Timeline  Description automatically generated with low confidenceTable  Description automatically generated with medium confidence |
| 4 | When clicking on the blue “i” icon besides the users, it will navigate the admin to the user’s profile information. Here the admin can update the user’s information as well as change if the user is “active” (this is how the admin enables/disables a user from posting) | Treemap chart  Description automatically generated with medium confidence |
| 5 | The “View Activity by Date” at the bottom of the page gives the admin the option to search for any posts or replies made on a certain day. When searching, the admin can just pick on date on the calendar that they want to check for any post activity. | Calendar  Description automatically generated**Graphical user interface, text, application, chat or text message  Description automatically generated** |
| 6 | When a day is chosen where posts and/or replies were made, they show up along with additional information about the post or the reply. (This can be seen in the top screenshot)  If a date is chosen where there are no posts or replies, a message will appear saying there are no results. | Graphical user interface  Description automatically generated with medium confidence**Text  Description automatically generated with low confidence** |