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A critical review of Musflix

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# Introduction

Inside this document is a critical review for the website Musflix topics included are as follows: discussing underlining issues with the application and how they can be handled, discussing the web application's layout and the methods attempted.

# The colour harmony and layout

Graphical user interface

Description automatically generatedThe website application has used an analogous colour harmony consisting of two shades of blue, green, and white text (Figure1). This colour scheme is easy on the eyes and enables the user to read with ease, the layout of the web application is very simplistic with minimal confusion although some issues and faults still exist with the system.

Figure Musflix Home page

# The structure of the database

The Musflix databases were built on Xamp using Apache and MySQL one to store login details and the privilege level of each user from consumer to admin granting power to upload and remove videos which were stored on the second database that contains the video title, video description, thumbnail, and the video itself as shown in (Figure 2) this was accomplished with Integers and Varchars

Graphical user interface, text, application

Description automatically generated

Figure 2 Database example

# Attempted functions

Originally Musflix was going to contain a setting for the user to select their preferred genres (Figure 3) this function was removed due to time constraints but would have used cookies to store data for when the user browses the website, instead of this all content is stored in the same location for ease of access. Another set of functions that were created but not added to the final design, was when a user would sign up to the website, they would receive a confirmation email (Figure 4) this was not deployed due to limitations as well as the web application not being deployed onto the public domain.

Text

Description automatically generated

Figure 3 Genre form example

Text

Description automatically generated

Figure 4 Email variables

# Faults and suggesting ways to resolve issues

After testing the web application extensively quite several faults were discovered, the lack of variables on the sign-up page has allowed users to contain symbols in their username for instance an account was created named $$$$ shown at (Figure 5). This issue could be resolved by adding a variable that prevents an account name or password to contain symbols. Another issue was that a user could log in twice (Figure 6) if they did not have the correct privilege level and requested to upload a video the user was redirected to the login page, but the user was still logged in a simple solution to this would be to redirect to the home page instead.



Figure 5 Symbol password

Graphical user interface

Description automatically generated

Figure 6 logging in twice

# Possible improvements

To improve the functionality of the website, a search feature on the content page where the user can input text to find the video they would like to view or have options for users to select profile pictures and to add a comment system for users to review content and place a rating that is displayed for other users.

# Conclusion

In conclusion, additional ideas were attempted, if these ideas were implemented successfully this could provide a professional application that could be deployed for commercial uses.