VERITECH – WEB DEV INTERN

TASK -4 REPORT

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Task Title: OTT Platform Website

Task Description:

The project aimed to replicate the design and functionality of an Over-The-Top (OTT) platform website using HTML, CSS, and JavaScript. The goal was to create a user interface similar to popular OTT platforms such as Netflix, Amazon Prime, or BBC iPlayer.

Technologies Used:

- HTML: Used for structuring the content of the website.
- CSS: Employed for styling the HTML elements and defining the layout.
- JavaScript: Implemented to add interactivity and dynamic functionality.
- Images: Incorporated images for logos, movie thumbnails, etc.

Reference Design

Java script

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>OTT Platform</title>
  <style>
    /* CSS styles omitted for brevity */
  </style>
</head>
<body>
  <header>
    <!-- Header content -->
  </header>

  <section class="hero">
    <!-- Hero section content -->
  </section>

  <section class="featured" id="featuredContent">
    <!-- Featured content section content -->
    <h2>Featured Content</h2>
    <div class="content">
      <div class="movie">
```

```
      <img src="movie1.jpg" alt="Movie Title">
      <h3>Movie Title</h3>
    </div>
    <div class="movie">
      <img src="movie2.jpg" alt="Movie Title">
      <h3>Movie Title</h3>
    </div>
    <!-- Add more movies here -->
  </div>
  <button id="toggleButton">Toggle Featured Content</button>
 </section>

 <!-- Footer section content -->

 <!-- JavaScript code -->
 <script>
  document.addEventListener("DOMContentLoaded", function() {
    // Get the button element
    var toggleButton = document.getElementById("toggleButton");
    // Get the featured content section
    var featuredContent =
document.getElementById("featuredContent");

    // Add click event listener to the button
    toggleButton.addEventListener("click", function() {
      // Toggle the visibility of the featured content section
```

```
        if (featuredContent.style.display === "none") {
          featuredContent.style.display = "block";
        } else {
          featuredContent.style.display = "none";
        }
      });
    });
  </script>
</body>
</html>
```

Challenges Faced

- Ensuring cross-browser compatibility and responsiveness across different devices and screen sizes.
- Fine-tuning CSS styles to achieve the desired visual appearance and layout.
- Implementing JavaScript functionality to toggle the visibility of content while maintaining code efficiency and readability.

Future Improvements:

- Enhancing the design and layout to closely resemble specific OTT platforms.

- Adding additional features such as user authentication, search functionality, and video playback controls.

- Optimizing performance and accessibility to improve the overall user experience.

Conclusion:

The project successfully demonstrated the process of creating an OTT platform website clone using HTML, CSS, and JavaScript. By replicating the design and functionality of popular OTT platforms, it

showcased the skills in front-end development and user interface design.

This project report summarizes the process of building an OTT platform website clone, highlighting the technologies used, implementation details, challenges faced, future improvements, and acknowledgments.