Project Documentation

Project Name: MovieHub

INTRODUCTION

Purpose:

Welcome to MovieHub, your go-to destination for an enhanced movie-watching experience. Our primary objective is to provide a carefully curated selection of top-rated movies categorized by genre, making it easier for you to discover and enjoy high-quality films.

Audience:

MovieHub caters to movie enthusiasts of all levels, whether you're a casual viewer seeking entertainment or a passionate cinephile exploring various genres. Our platform is designed to appeal to a broad audience interested in discovering exceptional movies within their preferred genres.

Scope:

MovieHub boasts an extensive range of genres, ensuring a diverse collection of acclaimed movies. Through advanced algorithms and user preferences, we handpick top-rated films within each genre, aiming to deliver a tailored movie-watching experience. Additionally, MovieHub encourages user interaction by providing personalized recommendations and fostering a community-driven atmosphere through user reviews and engagement, enriching the overall movie discovery journey.

Project Overview:

Project Objectives:

MovieHub is a groundbreaking platform designed with the mission to redefine the way you experience movies. Our primary objectives are focused on transforming the movie-watching journey. Firstly, we aim to simplify and elevate the movie discovery process by presenting a meticulously curated array of top-rated films organized by genre, ensuring you easily find high-quality content aligned with your preferences. Secondly, our platform is dedicated to enhancing user experience by providing an intuitive and user-friendly interface coupled with personalized recommendations, tailored specifically to your viewing history and interests. Thirdly, MovieHub thrives on fostering a vibrant community-driven atmosphere, encouraging active user engagement through reviews, discussions, and interactions, creating a space where fellow movie enthusiasts connect and share their thoughts. Finally, we are committed to offering an extensive and diverse

selection of genres, catering to a wide range of movie preferences, ensuring that there's something exceptional for everyone to explore and enjoy.

Key Features:

Genre-Centric Curation: Meticulously curated collection of top-rated movies within each genre, ensuring an enriched viewing experience.

User-Friendly Interface: Intuitive design for seamless navigation, making movie exploration effortless.

Personalized Recommendations: Advanced algorithms tailor movie suggestions based on user preferences and viewing history.

Community Engagement: User reviews, ratings, and discussions fostering an interactive movie-loving community.

Comprehensive Genre Collection: Extensive coverage of genres to accommodate diverse cinematic tastes.

Technologies Used:

Database Management: Utilizing robust database systems for efficient storage and retrieval of movie information.

Algorithm Development: Advanced algorithms for movie curation and personalized recommendation systems.

Web Development: Cutting-edge web technologies for creating an intuitive and responsive user interface.

Community Engagement Tools: Incorporating communication and engagement features to facilitate user interaction.

Analytics and Insights: Implementing tools for analyzing user behavior and preferences to enhance recommendations.

System Architecture

Architecture Overview:

1. Presentation Layer:

User Interface (UI): Provides an intuitive interface for users to explore movies, receive personalized recommendations, manage profiles, and engage with the community.

2. Application Layer:

Movie Curation Engine: Utilizes algorithms to curate top-rated movies by genre and offer personalized recommendations based on user preferences.

User Management System: Handles user authentication, profiles, preferences, and interactions.

Community Interaction Module: Enables user reviews, ratings, discussions, and engagement features.

3. Data Layer:

Database: Stores movie metadata, user profiles, preferences, reviews, and multimedia content.

Content Delivery Network (CDN): Stores and delivers multimedia assets (images, trailers) associated with movies.

4. Integration Layer:

Third-party APIs: Interfaces with external movie databases, streaming platforms, and analytics tools for accessing information and services.
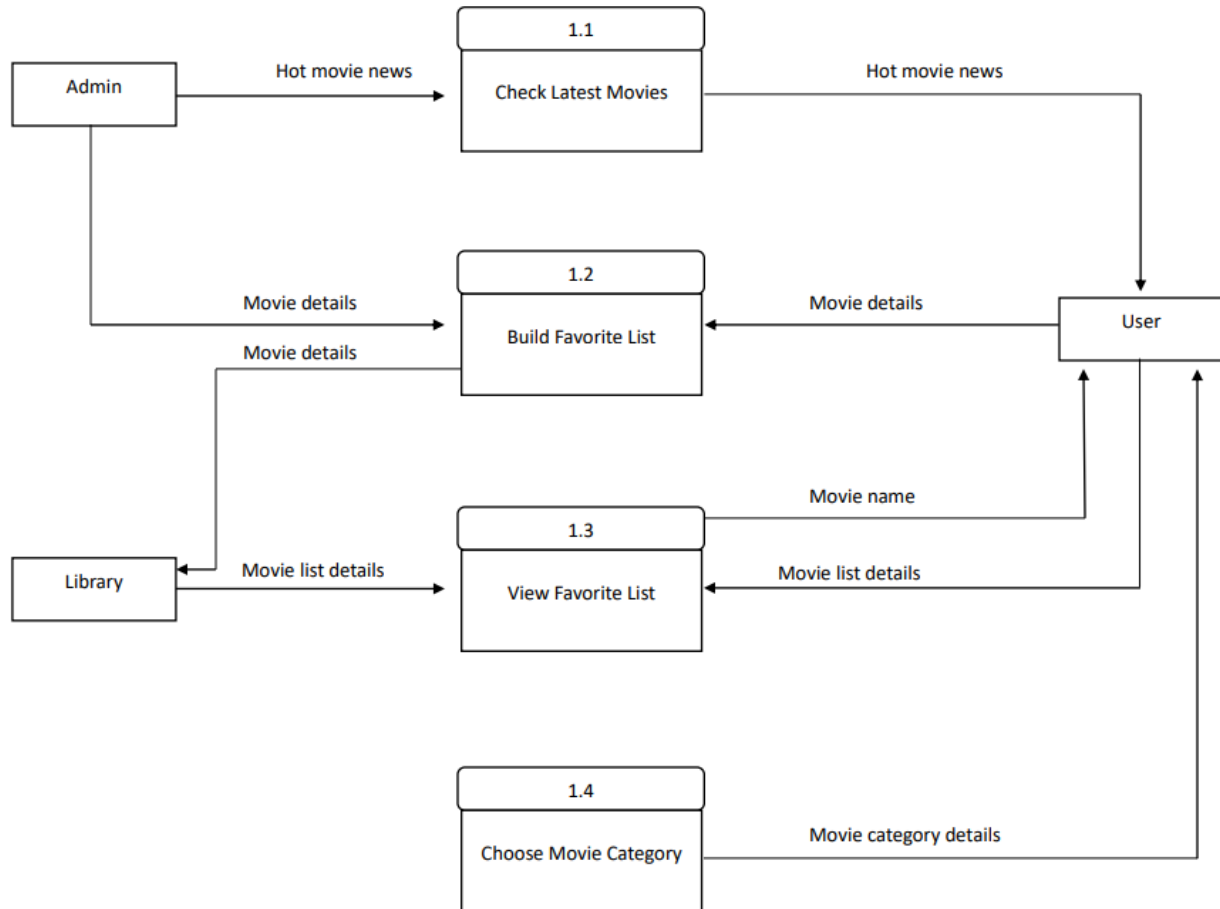

Components and Modules

USERS:

- Log In – user will SIGN UP AND CREATE ACCOUNT
- User Profile – the information and data of the user.
- History – the activity log of the user such as recent watch, rate etc.
- User Feedback/review – the user can rate the movie thru giving like or star
- Favorites – User can add it to his/her library
- Categories – the user can choose what genre he/she want
- Recommendation – the user have the ability to vote it as highly recommended

ADMIN:

- Upload – admin can upload new movie.
- Delete – admin can delete movie.

Data Flow Diagram:

| Admin | → Hot movie news → | **1.1** Check Latest Movies | → Hot movie news → | User |

1.2 Build Favorite List
- Movie details (from Admin)
- Movie details (from User)
- Movie details (to Library)

1.3 View Favorite List
- Movie list details (to Library)
- Movie list details (from User)
- Movie name (to User)

| Library |

1.4 Choose Movie Category
- Movie category details (to User)

SITE STRUCTURES

Navigation Menu:

In Navigational Menu, it appears in header or in every web page that uses drop-down and buttons to discover the features and content of the website.

- Home
- Library – Favorites and Most recent view
- Contact
- About Us
- Drop-down – User Profile and Sign out

Sitemap:
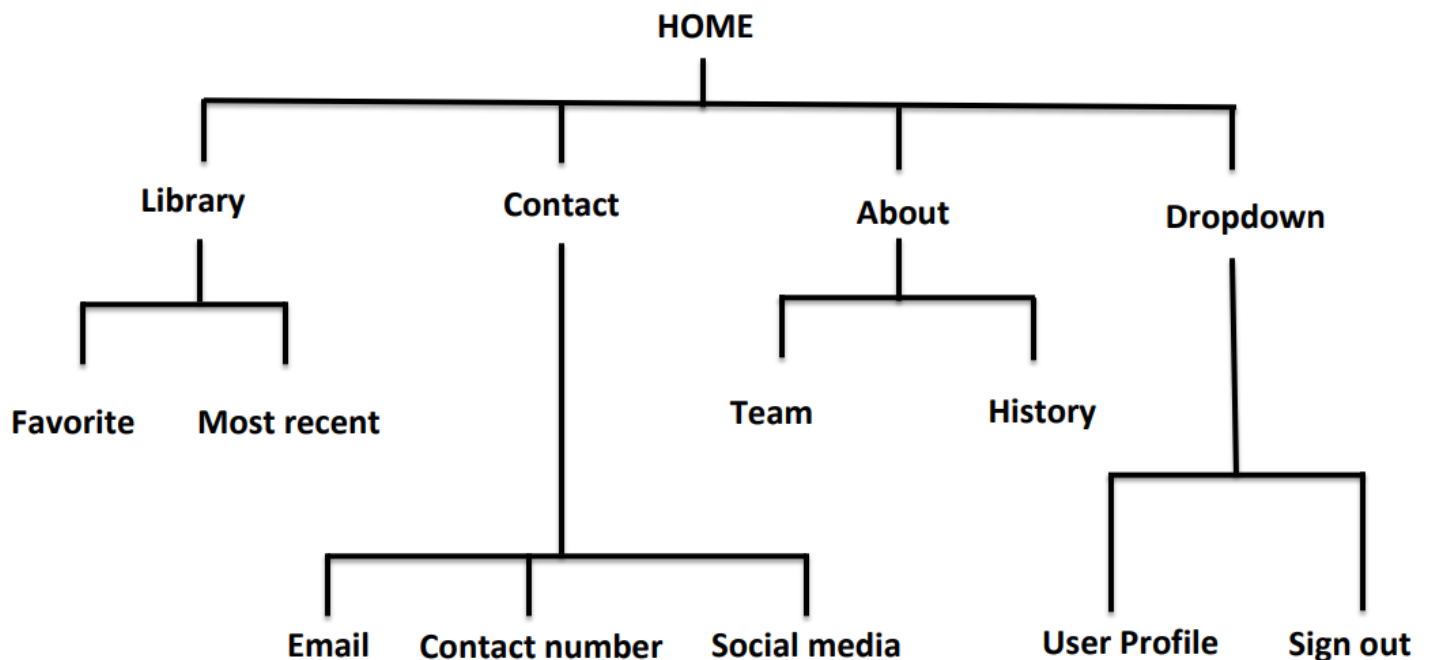
DESIGN AND LAYOUT

SIGN UP PAGE

Color Scheme:

- Background Colors:
  The body has a background image, providing a cinematic feel to the MovieHub Philippines website. The wrapper has a semi-transparent dark background (rgba(1, 20, 20, 0.805)) with a subtle blue border.
- Text Colors:
  White text is predominantly used throughout the design, providing high contrast against the dark background.
  The login button has black text on a light blue background, creating emphasis.
- Accent Colors:
  The logo bar has a background color (#0b0b0bbd) with a box shadow in a teal color, giving it a distinct appearance.

Typography

- Font:
  The primary font used is 'Poppins,' a sans-serif font, ensuring readability and a modern look.
- Font Sizes:
  Headings use a large font size (h2 with 30px) for emphasis.
  Input labels have a font size of 16px, providing clarity and consistency.

Layout

LOGIN PAGE

Color Scheme:

- Background Colors:
  The body has a background image, providing a consistent cinematic feel across the website.
  The wrapper has a semi-transparent dark background (rgba(1, 20, 20, 0.805)) with a subtle blue border, similar to the login page.
- Text Colors:
  White and light gray text is predominantly used, ensuring good contrast against the dark background.
  The input fields and labels have a light gray color for better visibility.
- Accent Colors:
  The logo bar has a background color (#0b0b0bbd) with a box shadow in a teal color, maintaining brand consistency.

Typography:

- Font:
  The primary font used is 'Poppins,' a sans-serif font, ensuring readability and consistency across pages.
- Font Sizes:
  Headings use a large font size (h2 with 30px) for emphasis.
  Input labels and form elements have a font size of 16px for clarity.

Layout:

HOME PAGE

Color Scheme

The design of the Movie Hub website features a dark color scheme with a background color of #333333 for the header and footer. Light text on a dark background enhances readability, with white (#FFFFFF) used for links. An accent color of red (#FF0000) is employed for active links and icons, adding visual interest.
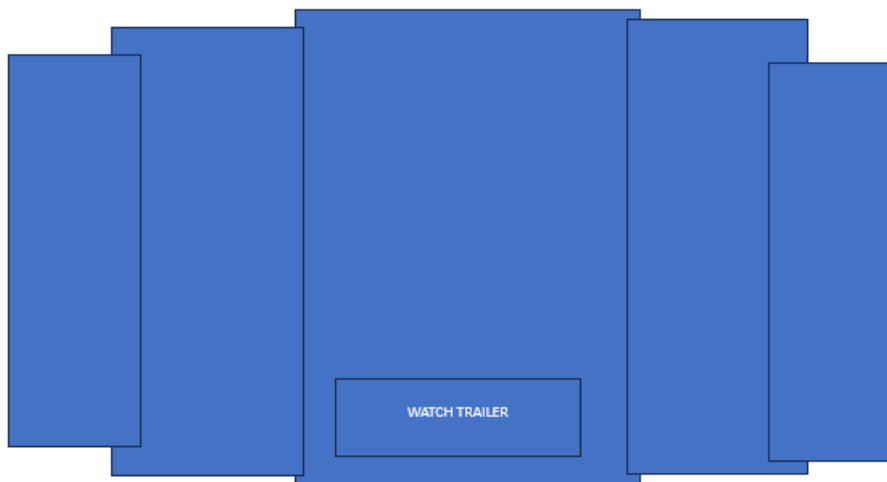
Typography

Typography choices include a sans-serif font for both headings and body text. Headings are bold for emphasis, while consistent font sizes are maintained throughout for a cohesive and readable layout.

Layout

HOME PAGE

ACTION CATEGORY

WATCH TRAILER

The layout is structured with a sticky header, displaying navigation links on the left and a dropdown menu on the right. The content utilizes a responsive grid layout for movie categories, ensuring adaptability across different devices. Each category includes an image, title, description, and a "Click here" link for user interaction. The footer is also sticky, featuring social icons, navigation links, and copyright information at the bottom.
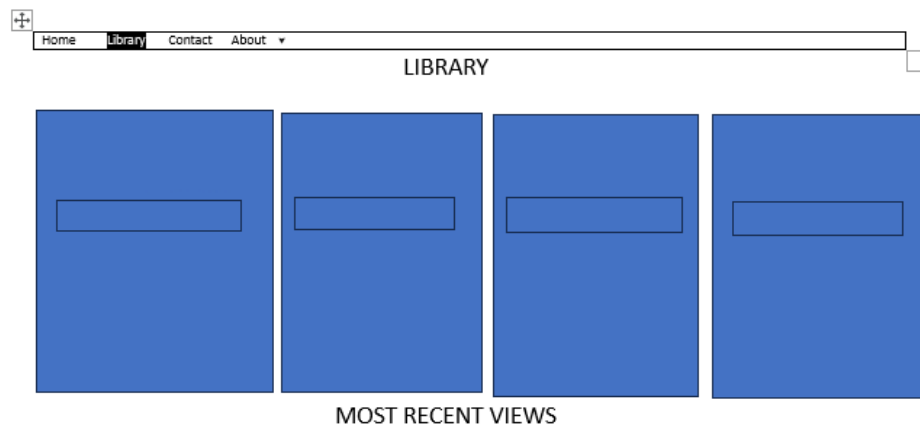
LIBRARY PAGE

Color Scheme

The Library page adopts a sleek and minimalist color scheme, primarily centered around a dark background (#333333) for the header and footer. This choice not only provides a sophisticated look but also enhances the visibility of content. The use of white text ensures clear readability against the dark background. Accent colors, such as red and shades of gray, are strategically employed for icons and links, adding visual interest without compromising the overall simplicity of the design.

Typography

Typography on the Library page is thoughtfully selected to contribute to a modern and clean aesthetic. Two distinct font styles are utilized: "Material Symbols Outlined" and "Font Awesome." These fonts bring a unified and cohesive feel to the design. The use of sans-serif fonts throughout ensures a contemporary look and readability. Headings, titles, and icons are appropriately sized to maintain hierarchy and visual appeal, contributing to an overall balanced and professional typography design.

Layout

The layout of the Library page is organized and user-friendly. The top navigation bar is intuitive, offering quick access to essential sections such as Home, Library, Contact, and About. The responsive grid layout for the most recent views and favorite movies ensures an optimal viewing experience across various devices. The use of clear sections, such as "Most Recent Views" and "My Favorites," aids in content organization. The inclusion of a quick action button provides a straightforward way for users to interact with the library. Overall, the layout is designed to be both aesthetically pleasing and functional.

CONTENT PAGE

Color Scheme

The Channel Content page adopts a simple yet effective color scheme, largely influenced by the background image ("CSS/admindashback.jpg"). The use of a muted background allows content to take center stage. The table headers utilize a contrasting color for better readability, emphasizing the key information. The visibility dropdown icons incorporate familiar eye and lock symbols, contributing to a clear and intuitive design.

Typography

Typography is clear and legible, with a sans-serif font contributing to a modern and streamlined appearance. The main title, "Channel Content," is presented prominently. Table headers are bold, ensuring a clear hierarchy, while the content within table cells is appropriately sized for readability.

Layout

VIDEO	VISIBILITY	VIEWS	STARS
ATTACK ON TITAN	PRIVATE	100,000	10,000
TITANIC	PRIVATE	50,000	5,000
HARRY POTTER	PRIVATE	50,000	5,000

PROFILE PAGE

Color Scheme

- Background Colors:
  The body has a background image with a cinematic feel, maintaining consistency with other pages.
  Container-1 has a white background with a black border, providing a clean and organized look.
  Container-2 has a semi-transparent white background (rgba(255, 255, 255, 0.41)) with a box shadow, creating a subtle separation from the background image.
- Text Colors:

Black and dark blue text are used for readability against light and dark backgrounds. Input fields have black text on a white background for contrast.

Typography

- Font:
  The primary font used is 'Segoe UI', with fallbacks to other sans-serif fonts for better compatibility.
- Font Sizes:
  Headings have varying font sizes, with emphasis on the larger size (h1) for the "Account Setting" heading.
  Paragraphs and input fields have a font size of 20px for readability.

Layout

ADMIN PAGE

Color Scheme

The Admin Dashboard page features a visually appealing color scheme, with a background image ("CSS/admindashback.jpg") creating a dynamic and engaging backdrop. The overall color palette is not explicitly defined in the provided code, but the background image suggests a potentially contrasting and complementary color scheme. It's important to choose text and element colors that harmonize with the background to ensure readability and aesthetic appeal.

Typography

Typography on the Admin Dashboard maintains a clean and modern style. The main title, "Admin Dashboard," is presented with a bold and prominent font. The use of sans-serif fonts throughout the page contributes to a contemporary look. The text content within the "upload" and "channel" sections is legible and formatted for easy comprehension. Proper hierarchy in heading sizes is maintained, providing a clear structure to the content.

Layout

ADMIN DASHBOARD PAGE

Channel Analytics
Total Video Star:
()Number of Stars
Top Videos:
1. Dune (2021)
2. No Time To Die (2021)
3. Spiderman: No Way Home (2021)
4. Shang-Chi and the Legend of the Ten Rings (2021)
5. The French Dispatch (2021)
6. A Quiet Place Part II (2021)
7. The Matrix Resurrections (2021)
8. Cruella (2021)
9. The Suicide Squad (2021)
10. Free Guy (2021)
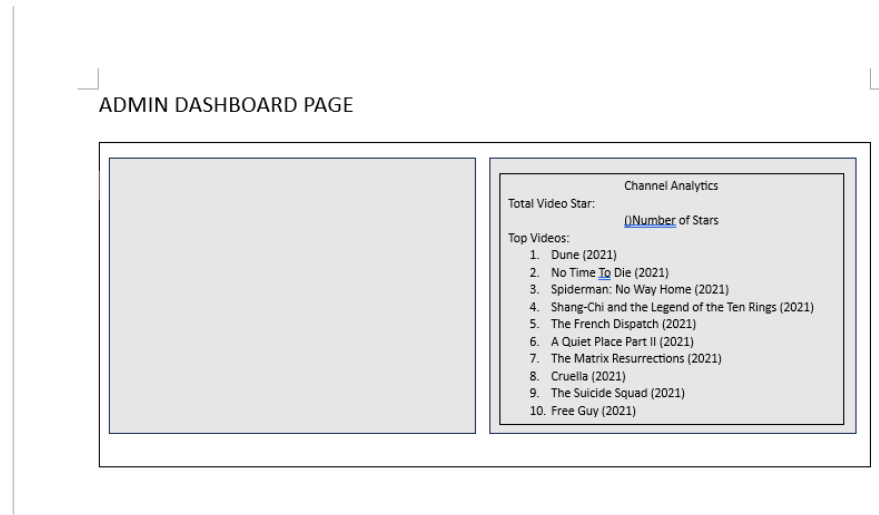
ABOUT PAGE

Color Scheme

- Background Colors:
  The body has a background image with a cinematic feel, maintaining consistency with other pages.
  About sections have a semi-transparent white background (rgba(255, 255, 255, 0.616)), creating a clean and readable content area.
- Text Colors:
  Black text is used for readability against light backgrounds.
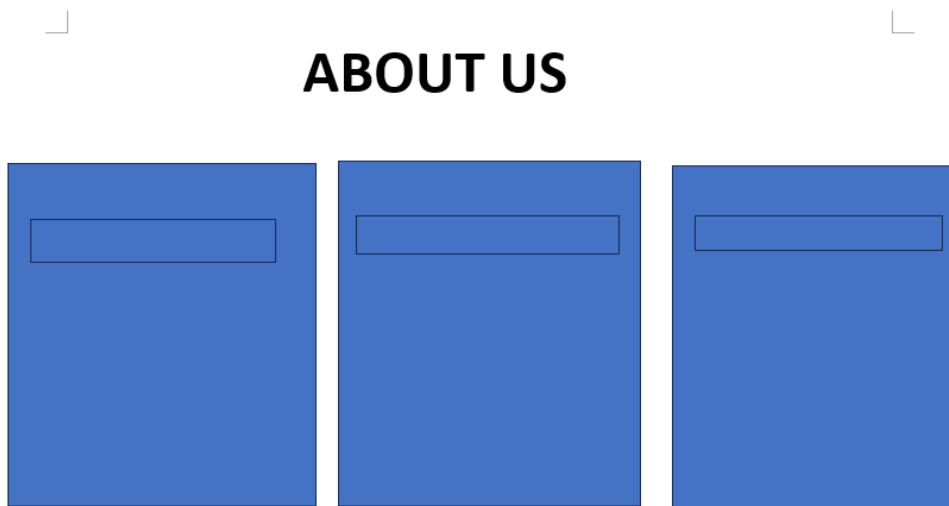 The line separator has a black color.

Typography

- Font:
  The primary font used is 'Poppins', with fallbacks to other sans-serif fonts for better compatibility.
- Font Sizes:

Headings have varying font sizes, with emphasis on the larger size (h2) for the "About Us" heading.
Paragraphs and subheadings have a readable font size for ease of reading.

Layout

ABOUT US

CONTACT US PAGE

Color Scheme

- Background Colors:
  The body has a background image with a cinematic feel, maintaining consistency with other pages.
  The Contact Us section has a semi-transparent white background (rgba(255, 255, 255, 0.8)), creating a clean and readable content area.
- Text Colors:
  Black text is used for readability against light backgrounds.
  Primary color for interactive elements such as form input focus and submit button.

Typography

- Font:
  The primary font used is 'Segoe UI', with fallbacks to other sans-serif fonts for better compatibility.
- Font Sizes:
  Headings and form labels have varying font sizes for visual hierarchy.

Paragraphs and form input text have readable font sizes for ease of reading.

Layout

- Header (Topnav):
  Sticky header with navigation links (Home, Library, Contact, About) and a dropdown for User Profile and Sign Out options.
- Contact Us Section:
  Positioned as relative with a minimum height to ensure a clean layout.
  Contact information and contact form are organized within a container.
- Content:
  Headings and paragraphs provide a brief introduction and encourage users to get in touch.
- Contact Information:
  Displays the address, phone number, and email of MovieHub Philippines.
  Icons are used to represent each type of contact information.
- Contact Form:
  A form allowing users to enter their full name, email, and a message to send to MovieHub.
  Form input elements have a stylish and interactive design for better user experience.

CONTENT

HOME PAGE

The home page header presents the Movie Hub logo/title ("MOVIE HUB") along with navigation links such as Home, Library, Contact, and About. A user profile dropdown on the right provides links for User Profile and Sign Out. The main content section starts with a title, "CHOOSE YOUR DESIRE CATEGORY," followed by movie categories. Each category consists of an image, title, description, and a "Click here" link that redirects users to the respective category homepage.

Movie Categories:

- Action Category:
  Image: John Wick
  Description: Action movies typically rely on the execution of the plot rather than the plot itself.
- Anime Category:

Image: Weathering

Description: Anime is a Japanese animation style that is produced or influenced by it.

- Tragic Category:
  Image: Titanic
  Description: Tragic films depict sad or unfortunate events that arouse pity or sorrow.
- Documentary Category:
  Image: Documentary
  Description: Documentary film speaks about situations.
- Drama Category:
  Image: Drama
  Description: Drama is a genre that relies on the emotional and relational development of realistic characters.
- Sci-Fi Category:
  Image: Sci-Fi
  Description: Sci-Fi is a genre that explores speculative concepts often rooted in scientific

LIBRARY PAGE

The Library page includes a navigation bar at the top with links for Home, Library (current page), Contact, and About. A dropdown menu provides additional options like User Profile and Sign Out. The main content section is marked with the title "Library."

The page is divided into three sections:

- Most Recent Views:
  Displays recent views of movies with images and titles.
  Includes images for "John Wick 4," "Weathering With You," "Titanic," and "Oppenheimer."
- My Favorites:
  Features a collection of favorite movies with images, titles, and delete icons.
  Includes movies like "One Piece Film: Red," "John Wick," "A Moment To Remember," and "Tenki No Ko."
- Quick Action:
  Provides a quick action button with a library icon for adding favorites.

- Footer:
  Contains social media icons for Facebook, YouTube, Instagram, and TikTok.
  Navigation links for Home, Contact Us, About Us, and Our Team.
  Copyright information and designer credits.

CONTENT PAGE

The Channel Content page is meticulously designed, featuring a straightforward color scheme with a prominent background image, ensuring content clarity. Utilizing a clean and modern sans-serif font, the layout organizes video details in a responsive table format. Each video entry includes a thumbnail image, title, and hyperlink for user convenience. The visibility column employs intuitive dropdown menus with eye and lock icons, enabling users to easily set video privacy. The page prioritizes a user-friendly experience, offering insights into views and stars for individual videos. With a scalable design to accommodate additional entries, the Channel Content page combines simplicity and functionality, providing users with an effective tool for managing and analyzing their video content seamlessly.

PROFILE PAGE

The webpage includes a top navigation bar with links to Home, Library, Contact, and About. Additionally, there's a dropdown menu offering User Profile and Sign Out options. In the Profile section, users can view their profile picture, name, and have the option to upload a new picture. The user's name is presented with an editable placeholder. The Account Setting section provides a form for updating account information, covering details like Name, Email, Old and New Passwords, Confirm Password, and Contact Number. The Footer section encompasses branding for MovieHub Philippines, social media links (Facebook, YouTube, Instagram, TikTok), and footer links for Home, Contact Us, About Us, and Our Team. It also includes copyright information with credit to the designer.

The webpage features a profile picture section with a placeholder image (CSS/legaspino.jpg) presented within a circular border. Users are provided with the option to upload a new profile picture using an input file element. Additionally, the entire page incorporates a visually appealing background image (CSS/new6.webp), enhancing the overall aesthetic and contributing to the page's visual appeal.

ADMIN PAGE

The Admin Dashboard page features two main sections: "Upload" and "Channel Analytics." In the "Upload" section, users are prompted to upload and publish videos for a detailed metrics overview. An engaging image and descriptive text encourage user engagement, complemented by a prominent "Upload Video" button. The "Channel Analytics" section focuses on video performance, displaying the total video stars with a placeholder for the count and a visually appealing star icon. Additionally, a list of top videos, including titles like "Dune (2021)" and "No Time to Die (2021)," provides a quick

snapshot of the channel's content performance. The layout is clean and organized, fostering a user-friendly experience for video management and analytics.

ABOUT PAGE

The webpage's top navigation bar is designed for easy access to Home, Library, Contact, and About sections, with a dropdown menu offering User Profile and Sign Out options, enhancing user navigation. The About Us section is divided into three segments—Mission, Vision, and Goal—each featuring a title, distinct background color, and a descriptive paragraph. Animated horizontal lines add visual interest to the section. The Footer section serves as a comprehensive conclusion, featuring MovieHub Philippines branding, social media links, and footer links for Home, Contact Us, About Us, and Our Team.

CONTACT US PAGE

The webpage boasts a dynamic navigation bar with links to essential sections like Home, Library, Contact, and About. A dropdown menu enhances functionality, offering User Profile and Sign Out options. Users are welcomed with a "Contact Us" heading and a warm message about MovieHub. Vital contact details, including the address (Binan City, Laguna), phone (123-4567-890), and email (michitakahata15@gmail.com), are featured. An engaging contact form with input fields for Full Name, Email, and Message is elegantly designed, accompanied by a stylish submit button with a hover effect. The footer showcases MovieHub Philippines branding and includes social media links (Facebook, YouTube, Instagram, TikTok). Essential links for Home, Contact Us, About Us, and Our Team facilitate seamless navigation. Copyright information for 2023 attributes the webpage's design to the talented team at "INCREDIBLE."