## MINI PROJECT -II

## SYNOPSIS



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## ABSTRACT

The objective of this project is to design and develop an anime streaming site that allows users to access and watch their favorite anime shows online. The site will provide users with a user-friendly interface, a vast collection of anime content, and a smooth streaming experience.

Anime has become a popular form of entertainment among viewers worldwide. The unique animation style and storytelling techniques used in anime make it a distinct form of media that appeals to a diverse audience. However, accessing anime content can be challenging for viewers, especially those who live outside Japan, where most anime is produced. This project aims to address this challenge by providing an anime streaming site that offers users easy and convenient access to anime content from around the world.

The proposed anime streaming site will include features such as a search function that allows users to easily find their desired anime content. Users can search for anime by title, genre, studio, or other keywords. The site will also have categories and tags that classify anime by genres +and subgenres, making it easy for users to discover new shows and explore different anime genres. For example, users can browse anime by genres such as action, adventure, romance, horror, or comedy.

**CONTENT**

Abstract

Declaration

Acknowledgement

1. Introduction
   1. Objective
   2. Motivation
   3. Problem Statement
2. Software Requirement
   1. Hardware Requirements
   2. Software Requirements
3. Project Description
4. Working
5. Implementation
6. References

# INTRODUCTION

The objective of this project is to design and develop an anime streaming site that allows users to access and watch their favorite anime shows online. The site will provide users with a user-friendly interface, a vast collection of anime content, and a smooth streaming experience.

Another key feature of the site is the rating system that enables users to rate and review the anime they have watched. The rating system provides a platform for users to share their opinions and recommendations with others, helping them decide what to watch next. Users can rate anime on a scale of one to five stars and leave comments about the show. The rating system also helps the site to recommend anime to users based on their viewing history and preferences.

The project will be developed using modern web development tools and technologies such as HTML, CSS, JavaScript, and PHP. The site will be designed to be responsive, meaning it will adapt to different screen sizes and devices, including desktops, laptops, tablets, and smartphones. The site will have a simple and clean design, making it easy for users to navigate and find their desired anime content.

One of the essential features of the site is a secure user authentication system. The system ensures that users can create accounts, log in, and manage their profiles safely and securely. Users will be required to create a username and password, which they will use to log in to the site. The site will also implement password recovery and reset functions to enable users to recover their passwords in case they forget them .In addition to these features, the site will also have a social media integration that allows users to share their favorite anime shows on social media platforms such as Facebook, Twitter, and Instagram. The social media integration will help to promote the site and increase its user base.

Overall, the proposed anime streaming site will provide a platform for anime enthusiasts to access and enjoy their favorite shows with ease and convenience. The project aims to deliver a high-quality user experience, rich anime content, and reliable streaming service. The site will be designed to meet the needs of anime viewers worldwide and help them discover and enjoy new anime shows.

**SOFTWARE AND HARDWARE REQUIREMENTS**

* HTML
* CSS
* JavaScript
* PHP
* Firebase
* Code editor(VS Code)
* Windows 11

**PROJECT DESCRIPTION**

The anime streaming website is a platform where users can watch and enjoy their favorite anime series and movies online. The website was built using various technologies like HTML, CSS, JavaScript, PHP, and Firebase.

The website has a user-friendly interface, which allows users to easily navigate and find the content they are looking for. Users can search for anime series and movies by using the search bar or by browsing the different categories available on the homepage.

One of the key features of the website is its synopsis section. Each anime series and movie has a synopsis that provides a brief overview of the plot, characters, and themes. The synopsis is written in a concise and engaging manner to help users understand what the series or movie is about before they start watching it.

The website also offers a personalized user experience. Users can create their own profiles and keep track of the anime series and movies they have watched. The website keeps a record of the user's viewing history and recommends new content based on their preferences.

The website's backend is built using PHP and Firebase, which allows for efficient data storage and retrieval. The website is also designed to be responsive, which means it can be accessed from different devices like desktops, laptops, tablets, and smartphones.

Overall, the anime streaming website offers a convenient and enjoyable way for anime fans to watch their favorite shows and movies online. With its user-friendly interface, personalized experience, and engaging synopsis section, the website is sure to attract a large audience of anime enthusiasts.

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## WORKING

## An anime streaming website typically consists of several components that work together to provide a seamless user experience. Here's a brief overview of how each of the technologies you mentioned might be used:

## HTML: HTML (Hypertext Markup Language) is used to structure the website's content. This includes defining the layout of the page, creating headings and paragraphs, and adding images and videos.

## CSS: CSS (Cascading Style Sheets) is used to add visual styles to the HTML content. This includes defining colors, fonts, and layouts, as well as adding animations and other effects.

## JavaScript: JavaScript is used to add interactivity to the website. This includes creating dropdown menus, implementing search functionality, and allowing users to interact with the video player.

## PHP: PHP (Hypertext Preprocessor) is a server-side scripting language that is used to handle dynamic content. This includes retrieving information from a database, processing form data, and generating dynamic content.

## Firebase: Firebase is a cloud-based platform that provides a number of services, such as real-time database, authentication, and hosting. In an anime streaming website, Firebase might be used to store user preferences, handle user authentication, and serve static assets.

## Overall, the use of these technologies allows an anime streaming website to provide a smooth and engaging user experience, with features like fast video playback, easy navigation, and personalized recommendations.

**IMPLEMENTATION**

## To implement an anime streaming website using technologies like HTML, CSS, JavaScript, PHP, and Firebase, you can follow the steps outlined below:

## Plan the structure of your website: Start by deciding on the layout and overall design of your website. Determine the pages you want to include, such as home, anime listings, individual anime pages, user profiles, and search functionality.

## Set up Firebase: Firebase will be used for authentication, database storage, and hosting. Create a Firebase account and set up a new project. Enable Firebase Authentication and set up a Firebase database.

## Build the front-end: Use HTML and CSS to create the structure and style of your website. Use JavaScript to add interactive elements like drop-down menus, pop-ups, and carousels. Make sure the website is responsive and mobile-friendly.

## Implement Firebase Authentication: Allow users to create accounts, log in, and log out. Restrict access to certain pages and functionality based on user authentication status.

## Implement the Firebase database: Use PHP to connect to the database and retrieve data to display on the website. Store anime listings, user profiles, and user activity data.

## Build the anime listings page: Create a page that displays all available anime, including their title, cover image, synopsis, and rating.

## Build the individual anime pages: Create pages for each anime that display detailed information, including a larger cover image, synopsis, episodes, and user reviews.

## Implement search functionality: Allow users to search for anime by title, genre, rating, or other criteria.

## Build user profiles: Allow users to create profiles that display their activity, including the anime they've watched, their ratings, and their reviews.

## Test and deploy: Test the website thoroughly to ensure all functionality is working correctly. Once ready, deploy the website to Firebase hosting.

## 

## REFERENCES

## Websites:

* [Google](http://www.google.com/)
* https://animate.style/
* Clever Programmer(Youtube channel)

## Faculty Guidelines:

Dr. Manoj Varshney (Technical Trainer in GLA University)

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## GitHub Repository link:

## https://github.com/prateeko1/Mini-Project-2