1. Project Introduction

About the Project:

This project is a web application that functions as a video platform, similar to YouTube. Users can upload videos, watch them, like or dislike them, and comment on content. In addition, the platform allows users to send messages to one another and subscribe to their channels.

The website includes essential features like user registration and authentication, profile creation, video uploads, like and dislike systems, commenting, chat, and subscriptions. An admin panel is also available for administrators to manage users and content.

Key Features:

- User registration and login
- Personal user profiles
- Video uploads and content management
- Like, dislike, and comment systems for videos
- Chat feature for communication between users
- Subscription to other users' channels
- Admin panel for managing users and videos

2. Motivation for Choosing Technologies

Why These Technologies Were Chosen:

- PHP: PHP was chosen for the server-side development because it is ideal for dynamic web applications. It allows for easy interaction with databases and managing user sessions.
- MySQL: MySQL was used to store all data (users, videos, comments, messages) because it is a reliable and scalable database management system, enabling efficient data handling.
- HTML/CSS: HTML and CSS were used to structure the pages and style them. These technologies ensure that the website is visually appealing and accessible across various devices.
- JavaScript: JavaScript was used to enhance user interaction by enabling dynamic content updates without reloading the page. This made the interface more responsive and user-friendly.

3. Development Decisions

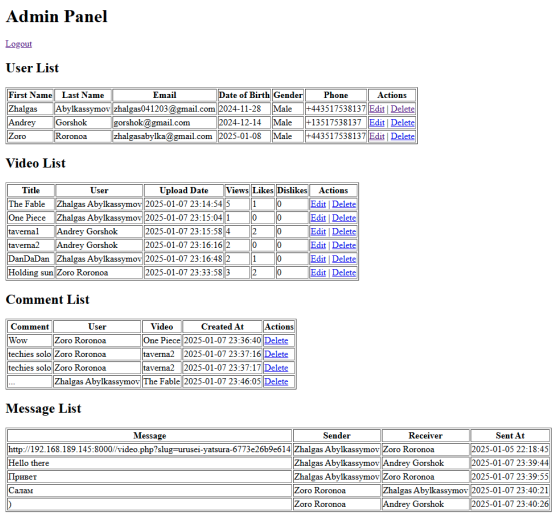
What Was Decided During Development:

- Database Structure: The database structure was designed with several tables for users, videos, comments, and messages. These tables are linked through foreign keys to maintain data integrity.
- Security: Security was a top priority. Password hashing and session protection were implemented to ensure that only authorized users could access specific features, such as the admin panel.
- Scalability: The system architecture was designed to be scalable, allowing for easy future feature extensions. It can handle an increase in the number of users and videos without significant performance degradation.
- User Experience: Special attention was paid to the user experience. The design is responsive and adapts to different devices, allowing users to interact with the platform seamlessly, whether on mobile or desktop.

4. Screenshots of the Final Result

Example 1: Admin Dashboard

The admin panel allows administrators to manage users, remove content, and monitor videos on the platform. Admins have access to all features of the site for control and moderation.



Admin Panel

Logout

User List

First Name	Last Name	Email	Date of Birth	Gender	Phone	Actions
Zhalgas	Abylkassymov	zhalgas041203@gmail.com	2024-11-28	Male	+443517538137	Edit | Delete
Andrey	Gorshok	gorshok@gmail.com	2024-12-14	Male	+13517538137	Edit | Delete
Zoro	Roronoa	zhalgasabylka@gmail.com	2025-01-08	Male	+443517538137	Edit | Delete

Video List

Title	User	Upload Date	Views	Likes	Dislikes	Actions
The Fable	Zhalgas Abylkassymov	2025-01-07 23:14:54	5	1	0	Edit | Delete
One Piece	Zhalgas Abylkassymov	2025-01-07 23:15:04	1	0	0	Edit | Delete
taverna1	Andrey Gorshok	2025-01-07 23:15:58	4	2	0	Edit | Delete
taverna2	Andrey Gorshok	2025-01-07 23:16:16	2	0	0	Edit | Delete
DanDaDan	Zhalgas Abylkassymov	2025-01-07 23:16:48	2	1	0	Edit | Delete
Holding sun	Zoro Roronoa	2025-01-07 23:33:58	3	2	0	Edit | Delete

Comment List

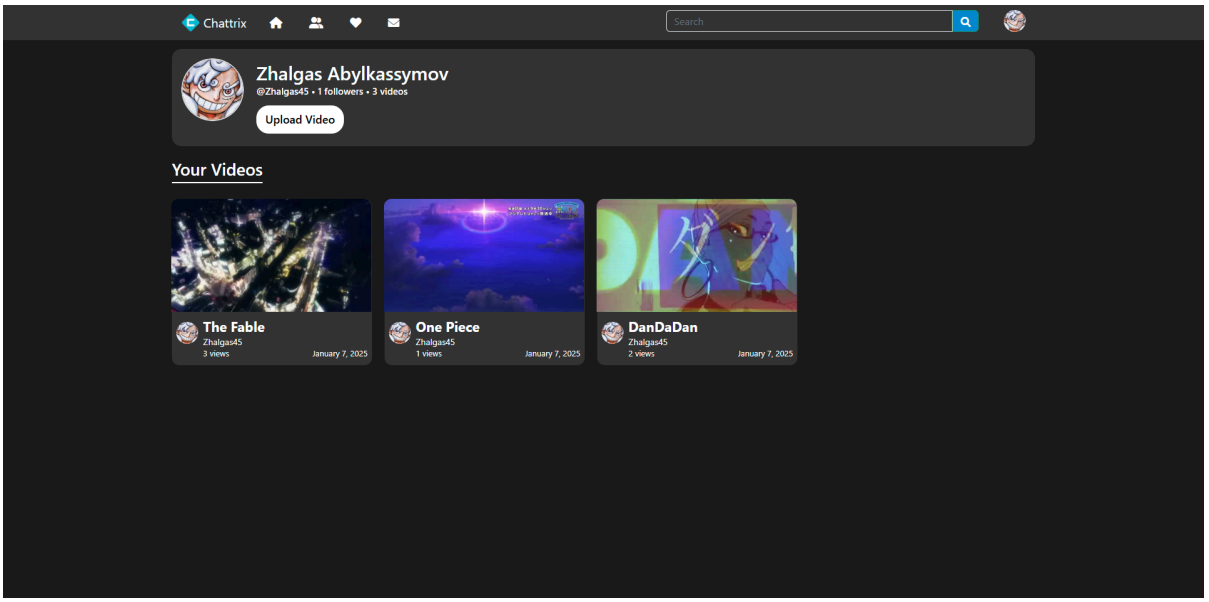
Comment	User	Video	Created At	Actions
Wow	Zoro Roronoa	One Piece	2025-01-07 23:36:40	Delete
techies solo	Zoro Roronoa	taverna2	2025-01-07 23:37:16	Delete
techies solo	Zoro Roronoa	taverna2	2025-01-07 23:37:17	Delete
.	Zhalgas Abylkassymov	The Fable	2025-01-07 23:46:05	Delete

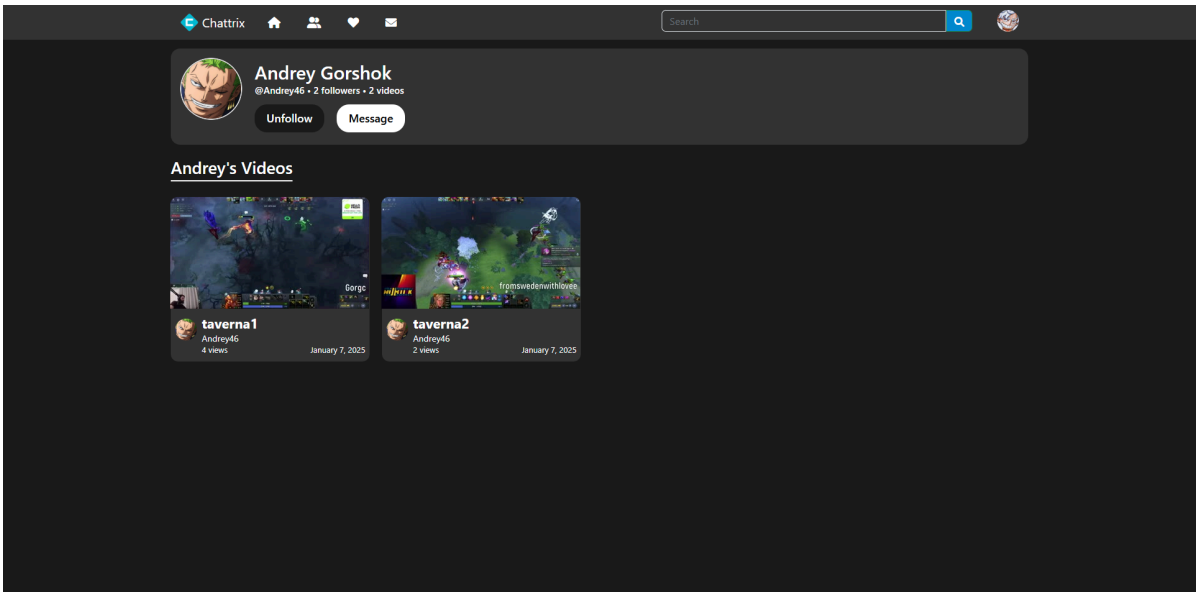
Message List

Message	Sender	Receiver	Sent At
http://192.168.189.145:8000//video.php?slug=urusei-yatsura-6773e26b9e614	Zhalgas Abylkassymov	Zoro Roronoa	2025-01-05 22:18:45
Hello there	Zhalgas Abylkassymov	Andrey Gorshok	2025-01-07 23:39:44
Привет	Zhalgas Abylkassymov	Zoro Roronoa	2025-01-07 23:39:55
Салам	Zoro Roronoa	Zhalgas Abylkassymov	2025-01-07 23:40:21
)	Zoro Roronoa	Andrey Gorshok	2025-01-07 23:40:26

Example 2: User Profile

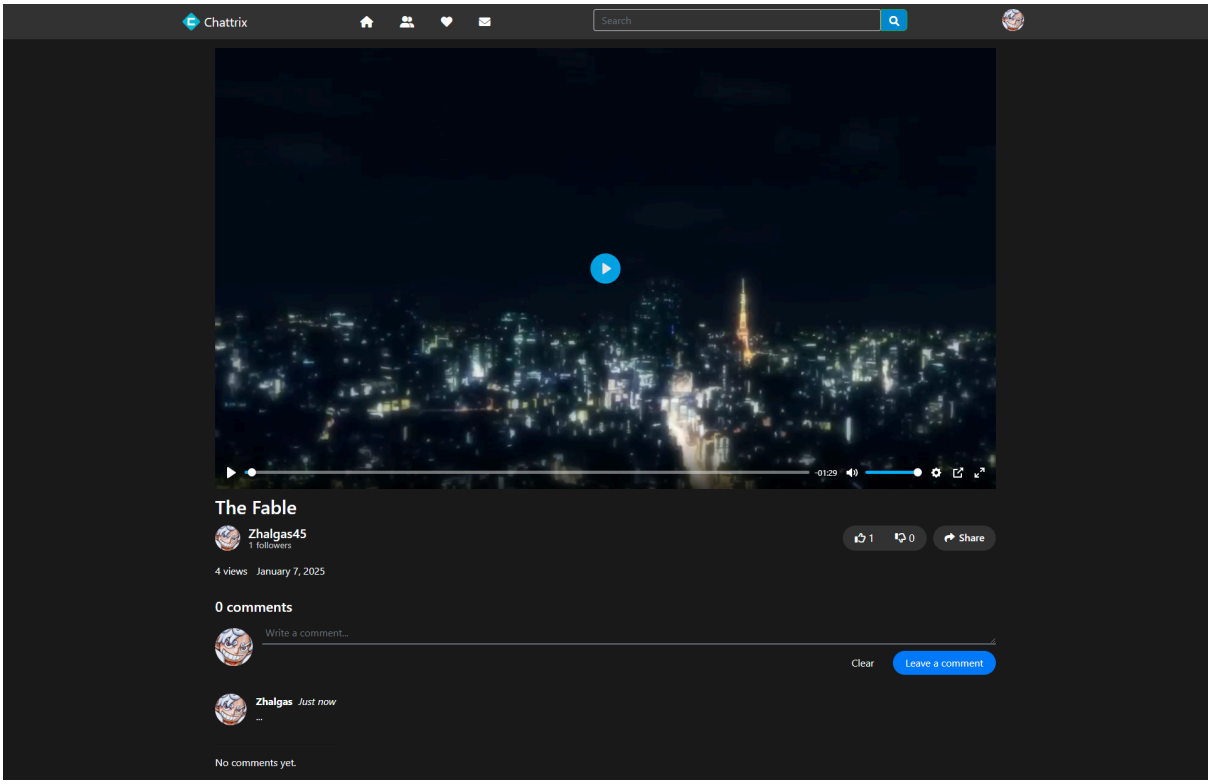
Users can create their profile, upload photos, subscribe to other users' channels, and interact with videos through likes, dislikes, and comments.





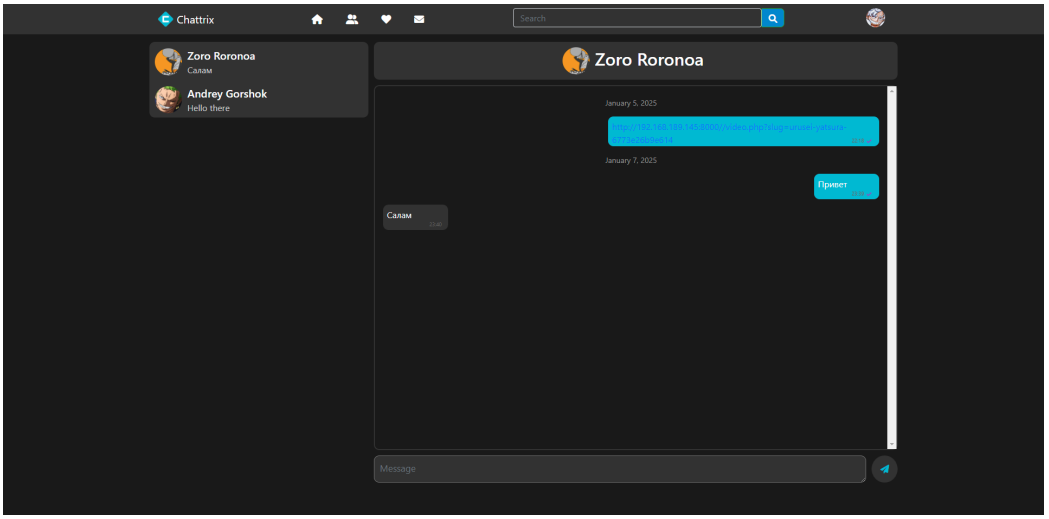
Example 3: Video Page with Comments

Each video can be commented on, liked, and disliked. Users can also engage in discussions in the chat feature.



Example 4: Chat

You can communicate with other users sharing them video links



5. Conclusion

Project Results:

The project successfully implements a video-sharing platform where users can upload, like, comment on videos, and communicate with each other. The key features, such as registration, video uploads, comments, chat, and subscriptions, work smoothly and provide an excellent user experience. The admin panel allows for effective management of content and users.

Future improvements could include adding notifications for new videos or comments, enhanced search features, and recommendation algorithms for personalized content.