

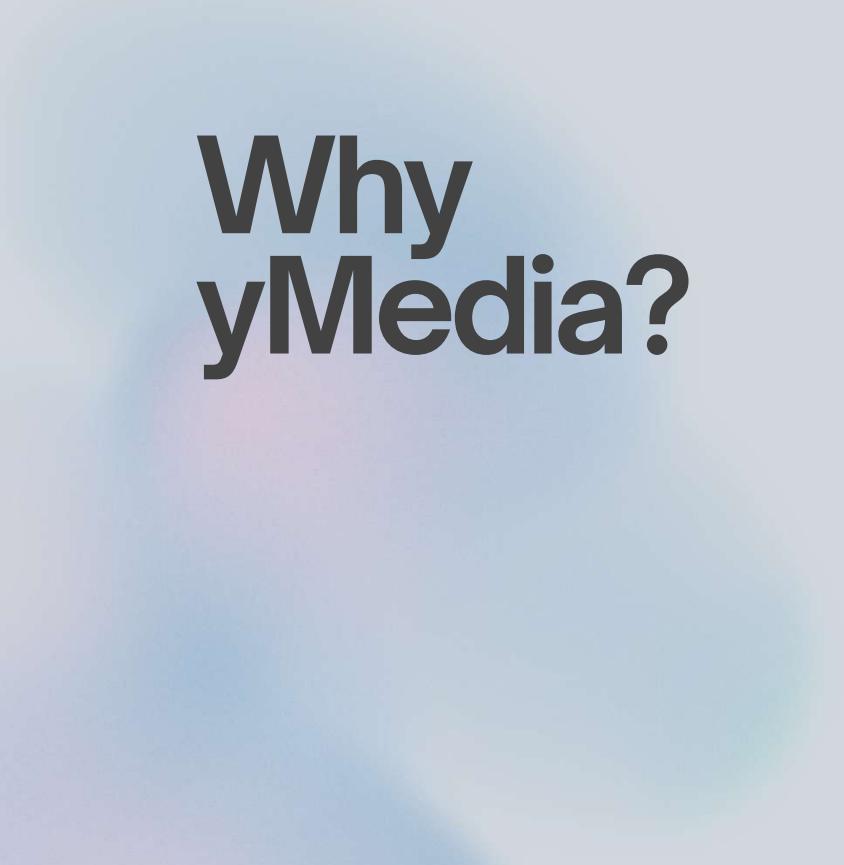
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yMedia

Video Streaming and Sharing Platform

Group - 06
Presentation



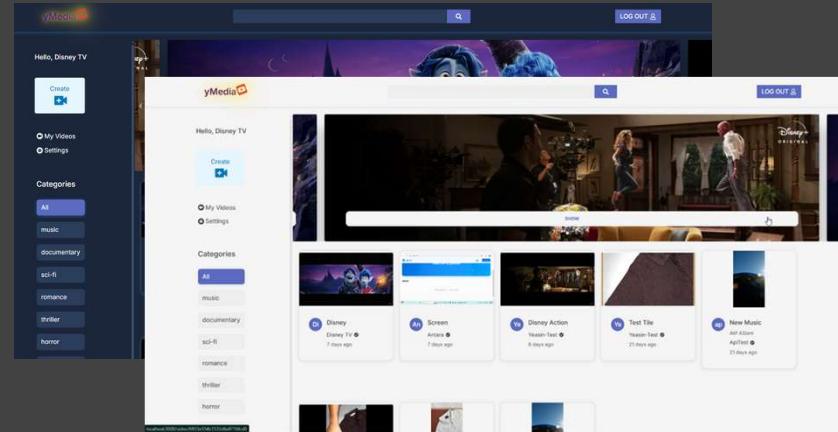
**Why
yMedia?**

**Because
when people
seek
entertainment,
simplicity
matters most.**

Introduction

yMedia is a video-sharing platform that combines content discovery with personalization.

- Watch and upload videos
- Interact through likes, comments, reposts
- Browse by visually rich categories
- Customize the interface to match your style



Designed to give users full control

01 Easy Sign Up & Secure Sign In

Users can quickly create an account and log in without unnecessary steps. The process is simple, fast, and beginner-friendly. Authentication ensures only verified users can access personal features. Once signed in, sessions remain active for a smooth experience. This reduces friction and makes the platform easy to return to.

02 Account & Password Control

Users can manage their account details from a single page. Password updates are handled securely and clearly. Input validation helps prevent mistakes during updates. Clear feedback is shown after successful changes. This gives users confidence and control over their account security.

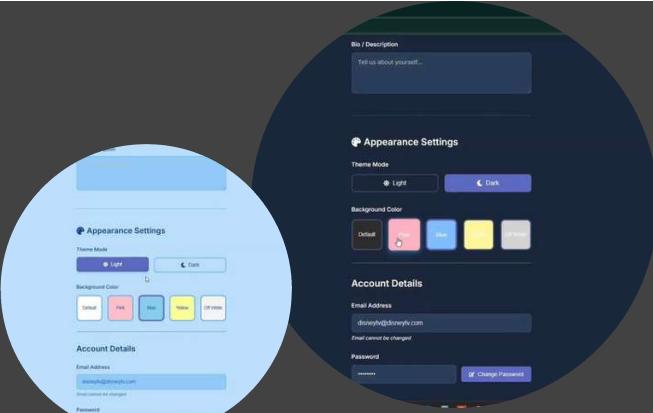
03 Personal Video Dashboard

Users can view all their uploaded videos in one place. Each video is presented clearly with relevant information. Videos can be managed without leaving the settings area. This helps creators stay organized and track their content easily. The dashboard keeps content management simple and accessible.

04 Clear Feedback & System Responses

The interface clearly responds to user actions. Successful updates show confirmation messages. Errors are handled without breaking the experience. Loading and update states keep users informed. This builds trust and improves usability.

Most video platforms look the same for everyone. yMedia lets users shape how their platform looks and feels.



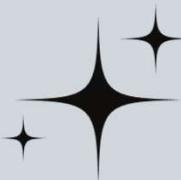
Your platform. Your vibe.

- Personalized light and dark themes with multiple color options
- Clean, modern interface designed for comfortable long viewing
- Visually rich category pages for easy content discovery

- Repost feature to share and promote favorite videos
- Simple and intuitive user settings dashboard
- Smooth video playback with interactive engagement tools

- User-focused design that adapts to individual preferences
- Organized video browsing without clutter or overload
- Built on a scalable system ready for future growth

Discover content without feeling lost.



Smart Category Pages

Each category has its own dedicated page with a clear layout and visual identity, so users immediately understand what kind of content they are exploring without confusion.

Search & Filter with Ease

Users can search videos by name and browse content by category, making it quick to find exactly what they're looking for instead of endlessly scrolling.

Clean, Distraction-Free Layout

Consistent spacing, readable thumbnails, and simple banners help users focus on content, not fight the interface while browsing.

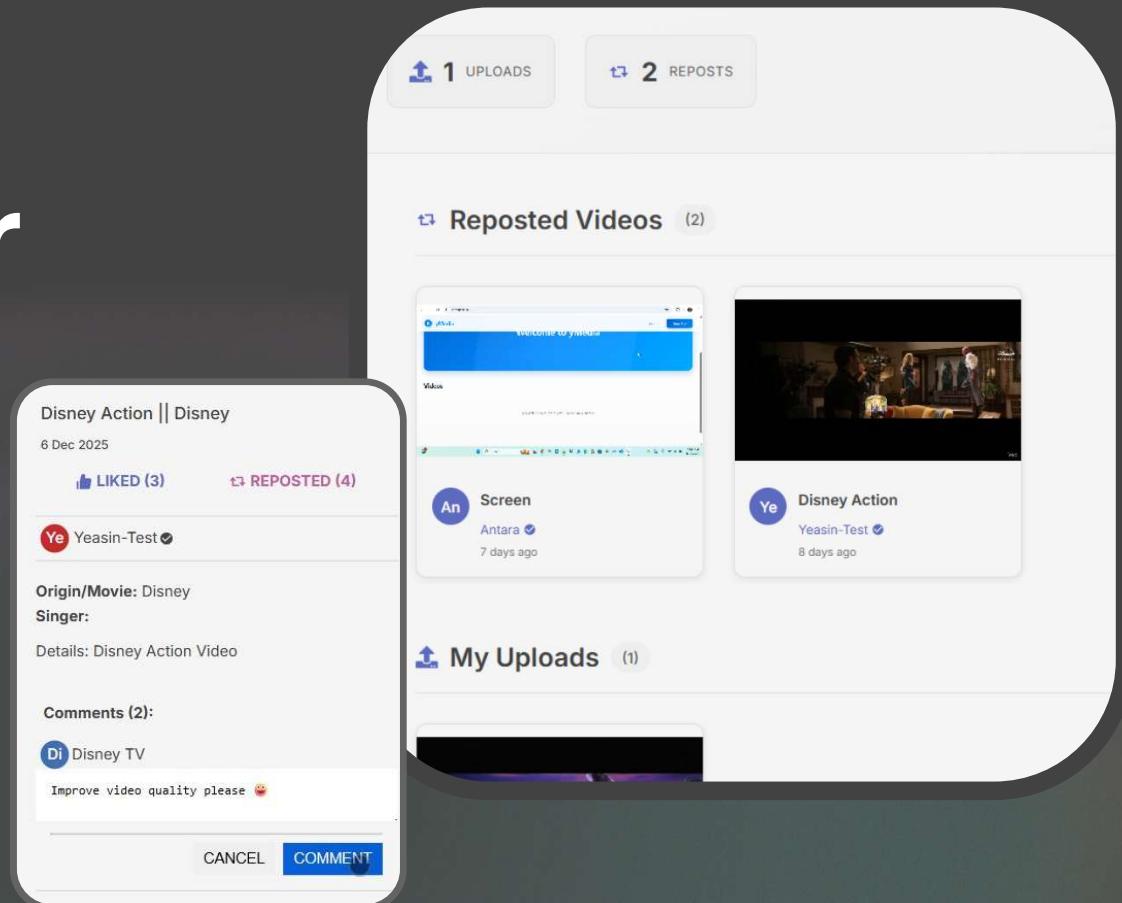
Designed to Feel Familiar

yMedia is built to feel comfortable from the first use. The layout is simple, the navigation is clear, and nothing feels overwhelming. Users can browse videos, explore categories, and interact without stopping to think about where things are.

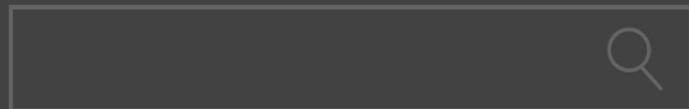
Everything is arranged in a familiar, predictable way. Features are placed where they naturally make sense. The platform keeps things modern while staying easy to use.

It doesn't try to do everything at once. Instead, it focuses on making everyday viewing smooth and enjoyable.

It's easy and approachable.



System Data Flow Overview



Videos are stored in Firebase, metadata lives in MongoDB, the backend connects everything, and the frontend streams content via secure URLs.



- **Frontend (React)**
 - User interacts with the interface
 - Sends API requests to backend
- Streams video using secure URLs



- **Backend (Node.js + Express)**
 - Authenticates users and processes actions
 - Generates secure video access URLs
- Manages metadata and business logic



- **Storage & Database (Firebase + MongoDB)**
- Firebase stores and delivers video files
- MongoDB stores users, videos, and interactions

Interaction Without Disruption

Interactions fit smoothly into watching

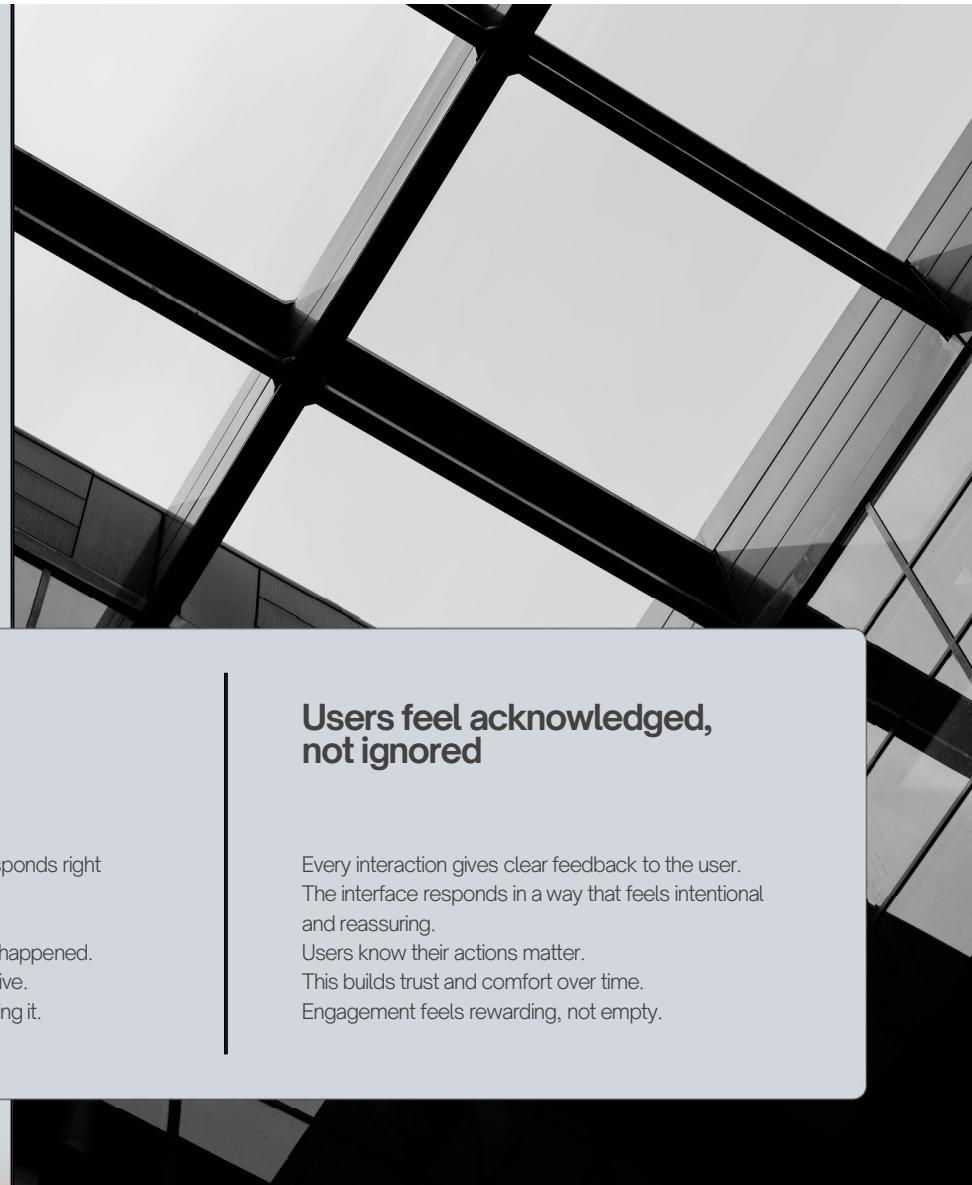
Likes, comments, and reposts are always within reach.
Users can engage without leaving the video experience.
Nothing interrupts the flow.
The focus stays on the content.
Interaction feels like a natural part of watching.

Instant and clear responses

When users interact, the interface responds right away.
Visual feedback confirms the action.
There's no confusion about what just happened.
This makes the platform feel responsive.
And it keeps users confident while using it.

Users feel acknowledged, not ignored

Every interaction gives clear feedback to the user.
The interface responds in a way that feels intentional and reassuring.
Users know their actions matter.
This builds trust and comfort over time.
Engagement feels rewarding, not empty.



Creator-First Space

yMedia gives creators a sense of ownership over their work. Instead of feeling buried inside the platform, their content feels visible and valued. Everything related to uploading and managing videos is kept transparent. Creators don't have to fight the interface to stay organized. The platform makes creators feel in control of their presence. That clarity encourages consistency and confidence. Creators can :

Upload videos through a simple, guided flow

Upload videos through a simple, guided flow

Maintain a clean, organized creator dashboard

Create & upload videos

Title

Origin

Singer(if any?)

Category

Select

Description

Video

Choose File No file chosen

UPLOAD

Built to Grow Without Breaking

Modularity

The platform is built in independent parts rather than one tightly coupled system.
New features can be added without disturbing existing ones.
This reduces development risk as the project grows.
It also keeps future updates faster and more controlled.

Extensibility

The backend supports adding new features without redesigning the core logic.
Future tools, interactions, or media types can be introduced smoothly.
This makes the system adaptable to changing requirements.
Growth does not mean starting over.

Expandability

New categories, banners, or content sections can be introduced easily.
The data structure already supports scaling content volume.
As the platform grows, organization remains intact.
This prevents clutter even with increasing complexity.

Maintainability

The system is structured to stay manageable over time.
Updates, fixes, and improvements can be made without affecting stability.
This lowers long-term maintenance effort.
It ensures the platform remains reliable as usage increases.

Thank You

for your time
and attention