

An Online Video Directory for Enterprenuers

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Batch Number: CIT-G16

Roll Number

Student Name

Under the Supervision of,

20211CIT0817 - Chitvelu Mohammad Rafi (L)

20211CIT0092 - Mulla Siraj

20211CIT0012 - Gajula Mohammad Rafi

20211CIT0169 - Thota Srinivasulu

**Mrs.Amreen Khanum D/ Assistant Professor
School of Computer Science and Engineering
Presidency University**

Name of the Program: B.tech

Name of the HoD: Dr. SP ANANDARAJ

Name of the Program Project Coordinator: Dr.SHARMASTH VALI Y

Name of the School Project Coordinators: Dr. Sampath A K / Dr. Abdul Khadar A / Mr. Md Ziaur Rahman

Introduction

- The **Online Video Directory for Entrepreneurs** is designed to showcase entrepreneurs through engaging videos that highlight their businesses and USPs. Users can easily search for businesses by sector using a robust search engine. Entrepreneurs can submit videos via a streamlined process with eligibility checks to ensure quality. The platform connects entrepreneurs with potential customers, investors, and collaborators, driving visibility and growth. This project aims to create a dynamic, searchable hub for entrepreneurial success.

Literature Review

- The proliferation of digital content has reshaped how entrepreneurs promote their businesses, with video marketing emerging as a vital tool for engagement and storytelling. User-generated video content enhances authenticity and fosters community building among entrepreneurs and consumers. Effective search and categorization mechanisms in video platforms are crucial for improving user experience and facilitating access to relevant content. This project leverages these insights to develop an innovative video directory that connects entrepreneurs with their target audiences while highlighting their unique selling propositions.



Existing method Drawback

*Limited Visibility:

- Limited visibility makes it difficult for entrepreneurs to reach their target audiences, with content often getting lost among numerous uploads.

*Quality Control Issues:

- Quality control issues arise from inconsistent video quality, which can misrepresent businesses, as the lack of vetting processes leads to unreliable content.

*Inefficient Search Mechanisms:

- Inefficient search mechanisms hinder users from locating relevant videos, as poor indexing often results in irrelevant search results.

*Lack of Engagement Tools:

- A lack of engagement tools limits interaction between entrepreneurs and viewers, providing minimal features for community building and networking.

Proposed Method

- The proposed method involves developing an online video directory that allows entrepreneurs to showcase their businesses through engaging video content. A streamlined submission process will include first-level eligibility checks to ensure quality and authenticity. A robust search and indexing system will enable users to easily find videos based on their sector of interest. The platform will incorporate interactive features to foster engagement and community building among users. Overall, this approach aims to enhance visibility and connectivity for entrepreneurs and their audiences.



Objectives

- Here are the objectives in a more concise form:
- 1. Enhance Visibility: Provide a platform for entrepreneurs to showcase their businesses through video content.
- 2. Easy Submission: Create a user-friendly video submission process with quality checks.
- 3. Robust Search: Implement a search system for users to find videos by sector or interest.
- 4. Community Engagement: Include interactive features to promote networking among users.
- 5. Analytics for Improvement: Use analytics to track engagement and gather feedback for ongoing enhancements.
- These shorter statements maintain clarity while being more succinct.

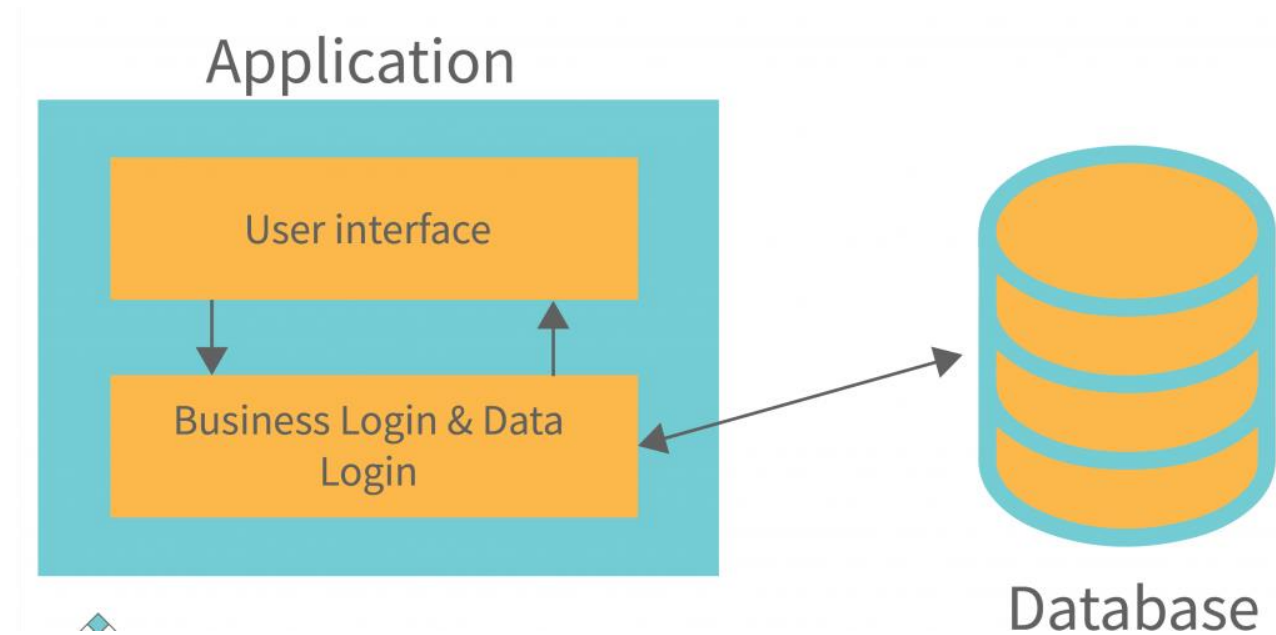


Methodology/Modules

- Here are five important modules with minimal points:
 - 1. User Registration
 - - Allows entrepreneurs and viewers to create and manage profiles.
 - 2. Video Submission
 - - Facilitates video uploads with quality checks and approval workflows.
 - 3. Search and Categorization
 - - Enables users to find videos by sector, keywords, or tags.
 - 4. Engagement Features
 - - Includes comments, likes, and networking options for community interaction.
 - 5. Analytics
 - - Tracks user interactions and video performance for platform improvement.
- This concise format highlights the essential aspects of each module.

Architecture

- Client Layer
 - Web Application
 - Mobile Application
- Application Layer
 - User Management Module
 - Video Management Module
 - Search Engine Module
 - Engagement Module
 - Analytics Module
- Database Layer
 - User Database
 - Video Database
 - Engagement Database
- Storage Layer
 - Cloud Storage (e.g., AWS S3)
- Server Layer
 - Web Server
 - Application Server



Hardware/software components

- For software requirements (using ReactJS):
 - 1. Operating System: Windows, macOS, or Linux with Node.js and npm installed.
 - 2. Frontend: Code editor like VSCode, with React.js and related JavaScript libraries.
 - 3. Backend: Node.js with Express.js for API development.
- For hardware requirements:
 - 4. RAM: Minimum 8GB to run the Node.js server and development tools efficiently.
 - 5. Storage: At least 100GB to store project files, with external cloud storage (AWS S3) for video content.

Timeline of Project

Week	Task Description	Duration
1	Planning and Requirements Gathering	1 Week
2-3	System Design	2 Weeks
4-9	Development Phase	6 Weeks
10-12	Integration and Testing	3 Weeks
13-15	User Acceptance Testing (UAT) & Feedback	3 Weeks
16	User Acceptance Testing (UAT) & Feedback	1 week



Expected Outcomes

- Here's the revised list with a new fifth outcome:
- 1. Improved Entrepreneur Visibility: Entrepreneurs gain greater exposure through video content.
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- 2. Seamless User Experience: Easy navigation and smooth video submission process.
- 3. High-Quality Content: Only relevant and quality videos are featured.
- 4. Enhanced Engagement: Users can interact and network through the platform.
- 5. Efficient Video Discovery: Users can easily find videos based on sector or interest using the robust search feature.
- This update focuses on improving the search and discovery aspect of the platform.

Conclusion

- In conclusion, this online video directory project aims to enhance visibility for entrepreneurs by providing a platform to showcase their businesses through video content. With user-friendly submission, robust search features, and interactive tools, the platform fosters community engagement and networking. Quality control ensures that only relevant, high-quality content is featured. The project is designed to improve user experience and make it easier to discover entrepreneurial stories across various sectors. Overall, it offers a valuable resource for both entrepreneurs and viewers alike.



Github Link

The Github link provided should have public access permission.

Github Link:

[click here to open github](https://github.com/Mohdraficn1511/Capstone-Project-E-Connect-.git)

<https://github.com/Mohdraficn1511/Capstone-Project-E-Connect-.git>



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References

- https://journal.code4lib.org/articles/7847?utm_source=rss&utm_medium=rss&utm_campaign=developing-a-digital-video-library-with-the-youtube-data-api
- <https://www.tandfonline.com/doi/abs/10.1080/089856299283173>
- <https://journals.sagepub.com/doi/10.2307/2667105>



Project work mapping with SDG

Analysis and Classification of Blood Cancer using Protein Sequences



The Project work carried out here is mapped to SDG-3 Good Health and Well-Being.

The project work carried here contributes to the well-being of the human society. This can be used for Analyzing and detecting blood cancer in the early stages so that the required medication can be started early to avoid further consequences which might result in mortality.

Thank You



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