

An Online Video Directory for Enterprenuers

Batch Number:CITG16

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

An Online Video Directory for Enterprenuers

Batch Number:CITG16

Roll Number

Student Name

Under the Supervision of,

20211CIT0817 - Chitvelu Mohammad Rafi

20211CIT0092 - Mulla Siraj

20211CIT0012 - Gajula Mohammad Rafi

20211CIT0169 - Thota Srinivasulu

Dr./Mr./Ms./Prof.

Professor / Associate Professor / Assistant Professor

School of Computer Science and Engineering

Presidency University

Name of the Program: B.tech

Name of the HoD: Dr. ASP ANADHRAJ

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



**PRESIDENCY
UNIVERSITY**

Private University Established in Karnataka State by Act No. 41 of 2013



Content

- Problem Statement
- Github Link
- Analysis of Problem Statement
- Timeline of the Project
- References



Problem Statement Number:

Organization: deAsra

Category (Hardware / Software / Both) :Software

Problem Description:

A business directory in the form of short videos tagged with the name of the entrepreneur, his business, his USP should be available for people to watch and derive inputs from / or connect. An application to enable people to apply for uploading videos created by them should be available. This application should check first level eligibility for uploading and also have a search and index mechanism, so people can search videos based on the sectors of their interest.

Difficulty Level: Complicated

Github Link

Github Link

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

[click here to open github](#)



**PRESIDENCY
UNIVERSITY**

Private University Established in Karnataka State by Act No. 41 of 2013



Analysis of Problem Statement

Technology Stack Components:

1. Frontend: React.js - for building a dynamic and responsive user interface.
2. Backend: Node.js - to handle API requests and server-side logic efficiently.
3. Database: PostgreSQL - for structured data storage and relational database management.
4. Cloud Storage: AWS S3 - for secure video storage and streaming.
5. Search: Simple SQL queries



Analysis of Problem Statement (contd...)

Software and Hardware Requirements:

For software requirements (using JavaScript):

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 the Project (Gantt Chart)

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

References (IEEE Paper format)

- <https://journals.sagepub.com/doi/10.2307/2667105>
- https://books.google.co.in/books?hl=en&lr=&id=LiszDwAAQBAJ&oi=fnd&pg=PP11&dq=an+online+video+directory+app+for+entrepreneurs&ots=LbhzTnqU4b&sig=xdc_UK4FvvVicU3M4g9MUzx8hX0&redir_esc=y#v=onepage&q&f=false





Thank
You!

