

## **Task Division:**

### **1. Research Paper:**

*Assigned Members:* 20BQ1A4251 (S. Sai Kumar)

- a. *Topic:* Video Metadata Generation and Classification.
- b. *Deep Learning Algorithms:* Long-term Recurrent Convolutional Networks (LRCNs), Convolutional Neural Networks (CNNs), Long Short-Term Memory (LSTM) units.

### **2. Design:**

*Assigned Members:* 20BQ1A4259 (V. Mohan)

- a. Use case Diagram
- b. Requirement Matrix
- c. Class Diagram
- d. Object Diagram
- e. Low Fidelity Prototype using Figma

### **3. Implementation:**

#### **a. Frontend -**

*Assigned Members:* 20BQ1A4259 (V. Mohan)

- Tech stack
  - i. HTML
  - ii. CSS
  - iii. JavaScript
- GUI Pages
  - i. Registration page
  - ii. Login page
  - iii. Forgot Password page
  - iv. Home page
  - v. Video Upload page
  - vi. My Videos page

vii. Video Classification page

**b. Backend –**

*Assigned Members:* 20BQ1A4251 (S. Sai Kumar)

- Teck stack

i. MongoDB

- Deep Learning Model Implementation.

**c. Database Connectivity –**

*Assigned Members:* 20BQ1A4259 (V. Mohan)

Teck stack

i. MySQL

ii. MongoDB

iii. Amazon S3