

# Project Proposal

2024-25

Team Details				
S.No	University Roll Number	Name	Email	WhatsAppNumber
1*	2161200	Karan Tiwari	stl.1335karan1335@gmail.com	7037466960
2*	2161348	Yash Tiwari	yashtiwari2063@gmail.com	7060260814
Project Details				
<b>Title: FileFlow</b>				
<b>Technologies to be used:</b> Node.js, Express.js, MongoDB, Multer, HTML, CSS, JavaScript.				
Brief Description of the Project (Point-wise):  Build a secure and efficient web-based file transfer application using Node.js with Express.js for server operations and API development. Implement MongoDB to store and manage file metadata efficiently. Utilize Multer for smooth and reliable file uploads. Design a responsive and intuitive user interface with EJS templating, combined with HTML, CSS, and JavaScript for an enhanced user experience. This setup focuses on delivering a scalable, secure, and user-friendly file-sharing solution.				
<b>Whether compared with any existing system: (Give URL /link or citation)</b> <b>AirDrop:</b> A peer-to-peer file-sharing feature in macOS and iOS that uses Wi-Fi and Bluetooth.				
<b>Whether discussed with any Faculty Member (NAME):</b> Dr. Ankur Singh Bist				
<b>Whether proposed work is extension of internship work:</b> No				
<b>Any previous work with proposed technologies:</b> Yes				
<b>Whether crude DFD/ ERD are prepared:</b> No				

Planning Details (Aug-24 to May-25)		
Phase	From	To
Literature Survey	24 August 2024	30 September 2024
Design	1 October 2024	31 October 2024
Implementation-1	1 November 2024	31 December 2024
Implementation-2	1 January 2025	28 February 2025
Implementation-3	1 March 2025	31 March 2025
Testing	1 April 2025	14 April 2025
Submission	15 April 2025	

### **WORK DISTRIBUTION PLAN**

PROJECT ID: -		TEAM LEADER: - Karan Tiwari		
PROJECT TITLE: - FileFlow				
S.No	MODULE NAME(S)	FUNCTIONALITIES	TECHNOLOGIES USED	TEAM MEMBER
<u>1.</u>	Frontend Development	Design and develop the user interface for file sharing and interaction.	EJS, HTML, CSS, JavaScript	Karan Tiwari
<u>2.</u>	Backend Development	Implement user authentication, file upload, storage, and security protocols.	Node.js, Express.js, MongoDB, Multer, AES	Yash Tiwari

#### **Remember:**

- Permanent PROJECT ID would be provided only after acceptance of proposal.
- If more than one person is allocated on a module, it should be mentioned who is dealing with which functionalities of the module.
- Create this distribution PLAN in detail.
- Distribution of workload should be balanced among team members.

The above-mentioned students shall be working under the supervision of the undersigned on the  
**“FileFlow”**

Signature

**Supervisor**

### **Internal Evaluation (By DPRC Committee)**

**Status of the Project Proposal:** Accepted / Rejected

**Any Comments:**

**Name of the Committee Members:**

**Signature with Date**

- 1.
- 2.
- 3.