

MINI PROJECT-I
(2020-21)

Real-Time file sharing app

SYNOPSIS



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Team Members

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Introduction:

This project is a real-time file sharing application. File sharing is one of the oldest applications of the internet. One way of sharing files online is for a user to upload files to a common space on the web and other users can download the files from the common web space.

The objective of this project was to design an online file sharing website where users can upload files and other users can download them.

Area of Computer Science :

Web Technology:

Social Networking Site

- HTML
- CSS
- JavaScript
- Node.js
- Express Js

Software requirements :

- **Hardware:**
 - Latest configuration Laptop
- **Software:**
 - Visual Studio (Version 1.38)
 - Mango DB (Backend)

Problem Definition :

Online File Sharing is practice of sharing files among different users across the internet. Common forms of file sharing are FTP (File Transfer Protocol) model and P2P(Peer-to-Peer) file sharing network. Another common form of sharing files over the internet is for a user to upload files to a website and allow other users to download them from the website. There are a lot of issues to consider when developing such a website.

Users of an online file sharing website who use features like upload, download, etc would want a website that is very interactive and fast and not annoying with a lot of post backs and flashing screens. Another issue is the visualization of their file system where usually users have a limit to upload files. The normal web based file folder view would be good, but if there are other types of visualizations it would be great.

Objectives:

The objective of this project was to design an online file sharing website where users can upload files and can generate links using which the other user can download the file easily.

Implementation Details:

In this project, we have developed a real time file sharing application using node js express and mongoDB. This project will be done in two phases first the backend will be made using express and mongoDB and then the frontend will be made using javascript.

This project will be having following features like uploading files, generating links, copying the links or directly sending links by email , and downloading files.

Contribution:

A project is successfully completed only when there is contribution from all the members of a team. In the same way to complete this project we have divided our work in an equal manner. Instead of selecting a particular task to do individually, we divided a single task in multiple subtasks so that we all can work together on the same phase or task of the project. Doing so no team member has to wait to show his or her capabilities.

Github Link :

Harsh Saxena: <https://github.com/harshsahai31>

Ritik Kumar: <https://github.com/kumarritik87>

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