

# FILE SHARING WEB APP

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## Abstract

The idea of this project is that to develop an application which can share file between all users and is independent of their platform.

## 1. Introduction

WEB APP based on file system. It is very easy to install the web app on the system. Also the Web app can be managed and maintained very easily. The users can share their data and can also download the data shared by other users according to their need. Importance of this project in the field of file sharing is that it's very easy to use, just connect to the server have the IP approved and you are good to go.

## 2. Problem Domain

The main problem was that the process of data sharing using a pen drive or anything else among a group was very time consuming and costly process.

The objective of this project is to develop an easy, low cost data sharing app which can perform across all platform.

## 3. Solution Domain

This project allows an individual to share his data (concepts) among every user of the server very easily, i.e. just upload it one time and every user can access it with the URL without worrying about the size.

## 4. System Domain

The hosting system must have at least 4GB of RAM for better performance of the app , and can decide storage for the server according to the need.

The hosting server must have python environment along with Django (crispy-forms) .

## 5. Application Domain

This application can be applied in an industry or group wherever the server is needed for the purpose of sharing data while working on the same project or sharing info about a thing.

One should not give access to any unauthorized user to the server as he/she can manipulate with the info and can also send virus through the server and cause failure to the system.

## **6. Expected Outcome**

\*The data can be shared in a much secured manner without using a third party.

\*The data can be accessed/viewed in a device not even having the free storage of the size of data.

\* This app allows multiple users to view data present on the server simultaneously without having any problem.

\*This app is also much secured as it work as a cloud in a room.

\*This app uses file system which solves the issue of data redundancy caused by having same file name.

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