**JUST HACK**

**Problem Description :**

A common problem of college students : accessing shared notes on Whatsapp. Many delete the file and have to request for it again. Provide a solution which overcomes the problem having the following requirements :

1. Provide a file system to upload, store and download the files.
2. Register users and store their information in the database.

**Solution :**

We have created a website, called “UPDOWN”, which satisfies the above problem constraints. We have used the following technologies :

1. HTML and CSS : For frontend development.
2. Python Flask and JS : For backend development.
3. MySQLite : To store user login/registration details.

**Functionality :**

1. The upload section is designed in such a way that the user is notified about the upload if he/she uploads a file already in the database.
2. We have devised the code so as to block the uploading of malware files.
3. If the user uploads a link, the file in the link is downloaded and stored in the database automatically.
4. Passwords are hashed in the database.

**Future prospects :**

1. Can be used to store data for long term.
2. Can be designed in such a way that the files are sorted according to subject, semester, etc.,
3. Introduction of timed sessions for efficient logging in and logging out.

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