

Name: Bharath V.

Project Name:- Automatic file compression and conversion

Overview (What problem are you trying to solve)

In most of the website users are only permitted to upload files in a certain format(.pdf) and within maximum size limit.

To compress or to convert the files as per the website requirement, the users need to depend on the third party sites or apps to do this process.

By doing this procedure there are many disadvantages like

- 1.It may lead to data theft of the users documents.(for example ,in many government or private websites we need to upload our personal details like aadhar, pan card , bank details and signature)
2. It takes more time to convert or compress the documents.
- 3.It redirecting to insecure third party websites.
- 4.The process is not user friendly.

Goals (How are you solving the problem stated)

- 1.Our goal is to avoid using of third party insecure websites for the process of compression and conversion . Recently we have faced a problem were Chinese apps or websites were saving the information of the users in their country database, were they have the access of the user data. Which is insecure for the user and for the country. they can manipulate our data or can sell it online.
- 2.We are into making a website which automatically compress and converts the file into required format without any use of third party websites.

Working Methodology (Summary on how your project is going to work/solve the problem stated)

Whenever a user wants to upload file in the website there will be condition that the file should be in the .pdf or .jpeg format and should not be more than certain size. If the user uploads a file which satisfies this condition then the details will be uploaded in the server of that company or website and will show a pop message that the file as uploaded successfully, or if the files doesn't satisfies the condition it will show the error message like the file is not in the specified format or in the specified size.

In our case of solution it does not show any error message if file type instead it automatically do the process of the conversion and compression of the file which is upload by the user in the present website page itself, were its will reduce the time consumption and avoids the usage of the third party insecure websites which may be a threat to the user information.

After the process the file is now in the required format and size as per the website, then the details of the user is stored in the server of the company or website.

Specifications (Tech Stack Used - Hardware + Programming Languages)

For this idea were are demonstrating with our own built website, where we have used the Technologies like Frontend(HTML5,CSS3 and Javascript) and backend