REVA HACK</> 2021

Elevator Pitch

**Team Name :- Code Warriors**

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Project Name:- Automatic file compression and conversion

**12th November, 2021**

# Overview (What problem are you trying to solve)

In most of the website users are only permitted to upload files in a certain format 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.Can avoid the data theft of the users(for example ,in many government or private websites we need to upload our personal details like aadhar, pan card , bank details and signature.

2. Can reduce the time consumption of the users ,by avoiding this procedure in the third party sites

3.Avoids redirecting to insecure third party websites

# 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 implementing a php code in the present website were it can automatically compress and convert to the required format as per the website requirement.

# 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 be less than 2mb. 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 required format or in the required size.

If the website shows an error message to the user then here comes our idea(code) were its runs in the background of the current website and will 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 languages like HTML,CSS and Javascript

For the process of conversion and compression we are using PHP and My SQL

# Links and other Information:

* Attach the links to the Video Presentation/Pitch here, after uploading them on YouTube/Drive
* Link to your GitHub repo
* Other links (such as a link to your working website)
* Any other additional information that you might want to specify

# Instructions:

1. **Read all the Instructions carefully as not following them will impact your overall points.**
2. Remove all the small braces and their contents in the heading before submission as it is for team’s reference only
3. Goals should include what are you doing in your project which will help solve the stated problem
4. Don’t include stuff like i5 processor or 16GB ram in hardware specs. If you’re solving an IoT or AR/VR Problem then mention the hardware used.
5. Pitch should not take more than 1 minute to read. It is advised to read the pitch before submitting to make sure it’s not taking more than a minute.
6. Pitch should be submitted on 12th November, 2021 by 3:00 PM or 15:00 HRS IST in Devfolio along with project link and video link. Any submission after that will be invalid and directly dequeued.
7. Remove the whole instructions part before submission as it is for team’s reference only.
8. Make a Copy of this template or download it and edit. Don’t request for access to edit the template itself. **(Goto File->Make a Copy** to make a copy or **File->Download->Microsoft Word** to download the template)