

# Final Year Major Project

*Narula Institute Of Technology*

## MCA

Project Name: File Converter Pro

Guide Name: Mrs Debrupa Pal

Batch: 2022-2024

# Team members

- Name :Soyeb Ali Faruque
- Roll Number: 434122010031
- Role:Team Leader and Backend Developer
  
- Name:Anurag Kumar
- Roll Number:434122010037
- Role:Backend Developer
  
- Name:Nishant Kumar
- Roll Number:434122010009
- Role:Frontend Developer

# Project Overview and Features

- End to end file converter ,providing the fastest conversion with well and user friendly UI.
- Features:
  - Different file conversions
  - Multi format file compression
  - A user file storage (for login user only)



# Backend Work

- MVT architecture
- Tech: django+smtp server+external modules
- A login system fully developed with custom logic ,no external module .
- Different module for different file conversion and compression(like image to pdf ->reportlab etc) by finding the best fit module.
- Database: user login entry and user history.
- Feedback automation.

# Frontend work

- Dynamic Content

Date	Time	Your Files	Download Your File	Your PDF Files	Download Your PDF
2024-04-24	04:00 PM	citation-374084273.txt	<a href="#">Download</a>	citation-374084273.pdf	<a href="#">Download</a>
2024-04-24	04:00 PM	9d7dd2badb9511e9.txt.clean.txt	<a href="#">Download</a>	9d7dd2badb9511e9.pdf.clean.pdf	<a href="#">Download</a>
2024-04-24	04:00 PM	Buffered_Read_And_Write_code.ipynb.txt	<a href="#">Download</a>	Buffered_Read_And_Write_code.ipynb.pdf	<a href="#">Download</a>

- User profile and their actions(update,delete).
- Feedback form,file upload and file size measurement.
- External links and admin management.

## Side description

- Developed pages according to the requirements of specific task
- Pages(forms,login page,profile,user history and so on)
- Technology used :Html,css,javascript,Bootstrap

# Testing and Deployment

- We have tested with different testing methods(unit testing ,functional testing, UI testing,performance testing)
- Deployed on pythonanywhere , a cloud base deployment service .
- Deployment link: <https://soyebali.pythonanywhere.com/>