**OCR ASSIGNMENT**

**1) Links**

- Frontend : https://testocr.netlify.app/

- Backend : https://ocrapp.pythonanywhere.com/

- Git hub : https://github.com/Raju1811021/ocr

**2) Purpose**

- Text extractions from image.

**3) Features**

- Registration / Sign up

- Login / Sign in

- Image extraction

**4) How to use**

- Hit url : https://testocr.netlify.app/

- Register your self

- After registration list page will open

- Click on upload button

- Fill the required data and select img that need to extract.

- Click to upload to start extraction and wait.

- After extraction top list data will be the extraction result.

- Click to eye icon , left side will display img , and right side will display extraction result.

**5) Techstack**

- Frontend : React , node version v20

- Backend

python3.10

Django

Django rest framework

Authentication with jwt token

- Deployment

Frontend : netlify

Backend : pythonanywhere

**6) Third Party APIs**

- img to text extraction with OCRSpace

- https://ocr.space/

**7) Improvements**

- Ui can be more responsive

- Can use pre-trained models for img extraction , to enhance extraction functionality

- Latency of the application can be improved by selecting appropriate deployment platforms.