

Part 1: Initial Technical Phase

1. Test Offline OCR Solutions

- Evaluate and compare different offline OCR tools and packages.
- Compare results between the Online Approach, like Gemini and Offline approaches

2. Test Various File Types

- Try different OCR (Offline and Online) on:
 - i. Scanned files
 - ii. Course Photos taken by phone
 - iii. Official Docx/PDF documents (Check for samples: <https://www.cnp.com.tn/>)

3. Improve Prompts and Output Unification

- Refine prompts to handle multiple scenarios and input types.
- Ensure the output format is consistent across different document types.

4. Image Handling (For Next Phase)

- Prepare the structure for more advanced image processing in future work.