**PDF Manipulation App - User Documentation**

Welcome to the **PDF Manipulation App**! This application allows you to perform various operations on PDF files, such as merging, splitting, extracting text/images/links, encrypting, decrypting, rearranging pages, rotating pages, adding metadata, creating PDFs, optimizing PDFs, and converting PDFs to Word documents. Below is a detailed guide on how to use the app effectively.

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**Getting Started**

1. **Access the App**: Open your web browser and navigate to the app's URL (e.g., http://localhost:5500).
2. **Upload Files**: Ensure your PDF files are ready for upload. The app supports .pdf files only.
3. **Download Results**: After performing an operation, the app will provide a downloadable file.

**Features and Usage**

**Merge PDFs**

* **Purpose**: Combine multiple PDF files into a single PDF.
* **Steps**:
  1. Go to the **Merge** section.
  2. Upload at least two PDF files using the file picker.
  3. Click **Merge**.
  4. Download the merged PDF file.

**Split PDF**

* **Purpose**: Split a PDF file into individual pages.
* **Steps**:
  1. Go to the **Split** section.
  2. Upload a PDF file.
  3. Click **Split**.
  4. Download a ZIP file containing all the split pages as separate PDFs.

**Extract Text**

* **Purpose**: Extract text from a PDF file and save it as a .txt file.
* **Steps**:
  1. Go to the **Extract Text** section.
  2. Upload a PDF file.
  3. Click **Extract Text**.
  4. Download the extracted text file.

**Extract Images**

* **Purpose**: Extract images from a PDF file and save them as a new PDF.
* **Steps**:
  1. Go to the **Extract Images** section.
  2. Upload a PDF file.
  3. Click **Extract Images**.
  4. Download the PDF containing all extracted images.

**Extract Links**

* **Purpose**: Extract all hyperlinks from a PDF file and save them as a .txt file.
* **Steps**:
  1. Go to the **Extract Links** section.
  2. Upload a PDF file.
  3. Click **Extract Links**.
  4. Download the text file containing all links.

**Encrypt PDF**

* **Purpose**: Add a password to a PDF file to restrict access.
* **Steps**:
  1. Go to the **Encrypt** section.
  2. Upload a PDF file.
  3. Enter a password in the provided field.
  4. Click **Encrypt**.
  5. Download the encrypted PDF file.

**Decrypt PDF**

* **Purpose**: Remove password protection from a PDF file.
* **Steps**:
  1. Go to the **Decrypt** section.
  2. Upload a password-protected PDF file.
  3. Enter the password in the provided field.
  4. Click **Decrypt**.
  5. Download the decrypted PDF file.

**Rearrange Pages**

* **Purpose**: Reorder pages in a PDF file.
* **Steps**:
  1. Go to the **Rearrange** section.
  2. Upload a PDF file.
  3. Enter the desired page order (e.g., 3,1,2).
  4. Click **Rearrange**.
  5. Download the rearranged PDF file.

**Rotate Pages**

* **Purpose**: Rotate all pages in a PDF file by a specified angle (90°, 180°, or 270°).
* **Steps**:
  1. Go to the **Rotate** section.
  2. Upload a PDF file.
  3. Select the rotation angle.
  4. Click **Rotate**.
  5. Download the rotated PDF file.

**Add Metadata**

* **Purpose**: Add or modify metadata (title, author) in a PDF file.
* **Steps**:
  1. Go to the **Add Metadata** section.
  2. Upload a PDF file.
  3. Enter the title and author in the provided fields.
  4. Click **Add Metadata**.
  5. Download the updated PDF file.

**Read Metadata**

* **Purpose**: View the metadata (title, author, etc.) of a PDF file.
* **Steps**:
  1. Go to the **Read Metadata** section.
  2. Upload a PDF file.
  3. Click **Read Metadata**.
  4. View the metadata on the results page.

**Create PDF**

* **Purpose**: Create a new PDF from text and/or an image.
* **Steps**:
  1. Go to the **Create PDF** section.
  2. Enter text in the text box.
  3. (Optional) Upload an image.
  4. Click **Create PDF**.
  5. Download the newly created PDF file.

**Optimize PDF**

* **Purpose**: Reduce the file size of a PDF.
* **Steps**:
  1. Go to the **Optimize** section.
  2. Upload a PDF file.
  3. Click **Optimize**.
  4. Download the optimized PDF file.

**Convert PDF to Word**

* **Purpose**: Convert a PDF file to a Word document (.docx).
* **Steps**:
  1. Go to the **Convert PDF to Word** section.
  2. Upload a PDF file.
  3. Click **Convert**.
  4. Download the converted Word document.

**Troubleshooting**

* **File Not Uploading**: Ensure the file is in PDF format and does not exceed the size limit.
* **Invalid Password**: Double-check the password entered for decryption.
* **No Text/Images Found**: The PDF may be scanned or contain no selectable text/images.
* **Conversion Errors**: If the PDF is scanned, the app will use OCR to extract text, which may take longer.

**FAQs**

1. **Can I merge more than two PDFs?**
   * Yes, you can merge as many PDFs as you want.
2. **What happens if I upload a scanned PDF?**
   * The app will use OCR to extract text or images, but the accuracy depends on the quality of the scan.
3. **Is there a file size limit?**
   * The app does not impose a strict limit, but larger files may take longer to process.
4. **Can I rotate specific pages instead of all pages?**
   * Currently, the app rotates all pages in the PDF. For selective rotation, you can split the PDF, rotate individual pages, and then merge them back.
5. **How secure is the encryption?**
   * The app uses standard PDF encryption, which is secure for most use cases.

Enjoy using the **PDF Manipulation App**! If you have any questions or encounter issues, feel free to reach out for support.

this is perfect just give me doc file

Certainly! Below is the content formatted for a Microsoft Word document. You can copy and paste this into a .doc or .docx file.

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  4. Download the extracted text file.

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* **Purpose**: Extract images from a PDF file and save them as a new PDF.
* **Steps**:
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  2. Upload a PDF file.
  3. Click **Extract Images**.
  4. Download the PDF containing all extracted images.

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  2. Enter text in the text box.
  3. (Optional) Upload an image.
  4. Click **Create PDF**.
  5. Download the newly created PDF file.

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  2. Upload a PDF file.
  3. Click **Optimize**.
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