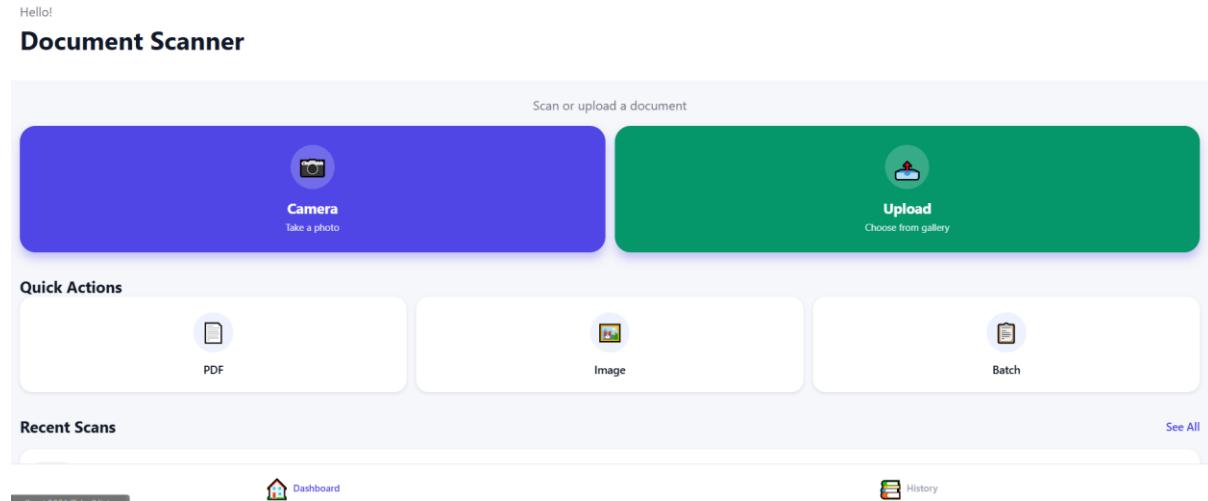


The Document Scanner applications has been built to scan document(s), edit, export, and lock scanned documents with a user given password. Here, we are dealing with only images and videos in the application. The application can be run on Android, IOS na d web. Here, the screenshots of web view are shared.

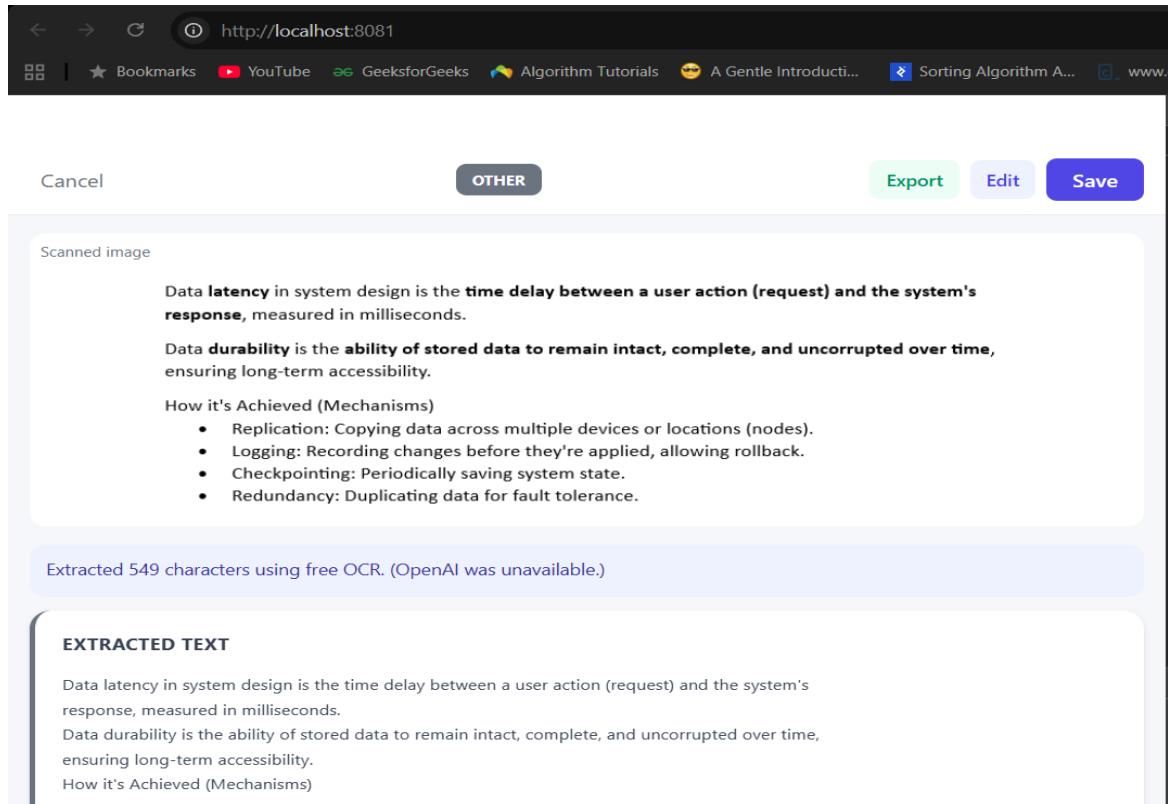
The home page contains two sections- dashboard and history. By default, dashboard section will be on display with the option to take a picture or upload it.



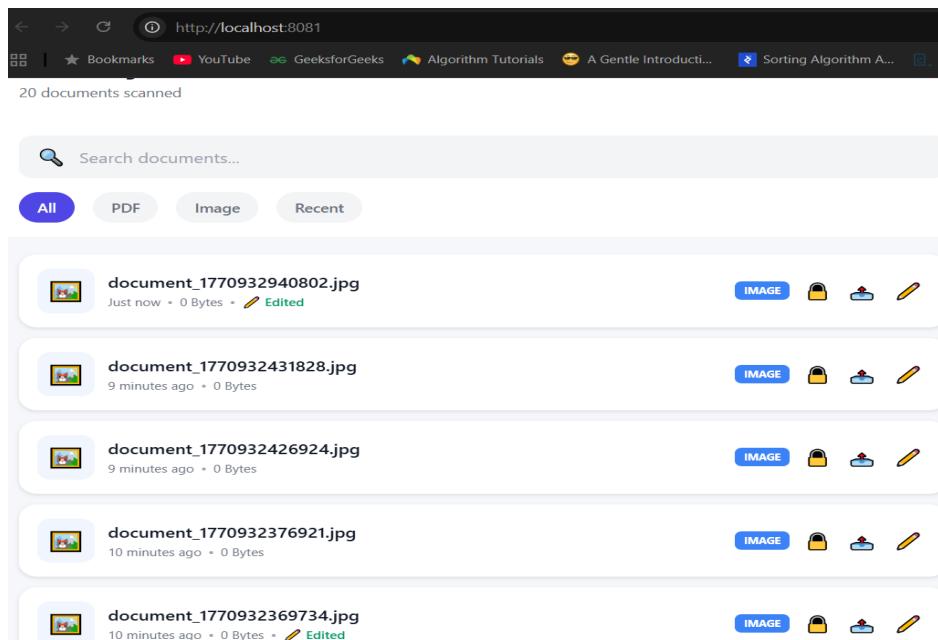
The quick actions section provide three options, where,

- **PDF** and **Image** both open the gallery for a single image (same as the main Upload flow).
- **Batch** opens the gallery for multiple images and saves each one as its own document in History.

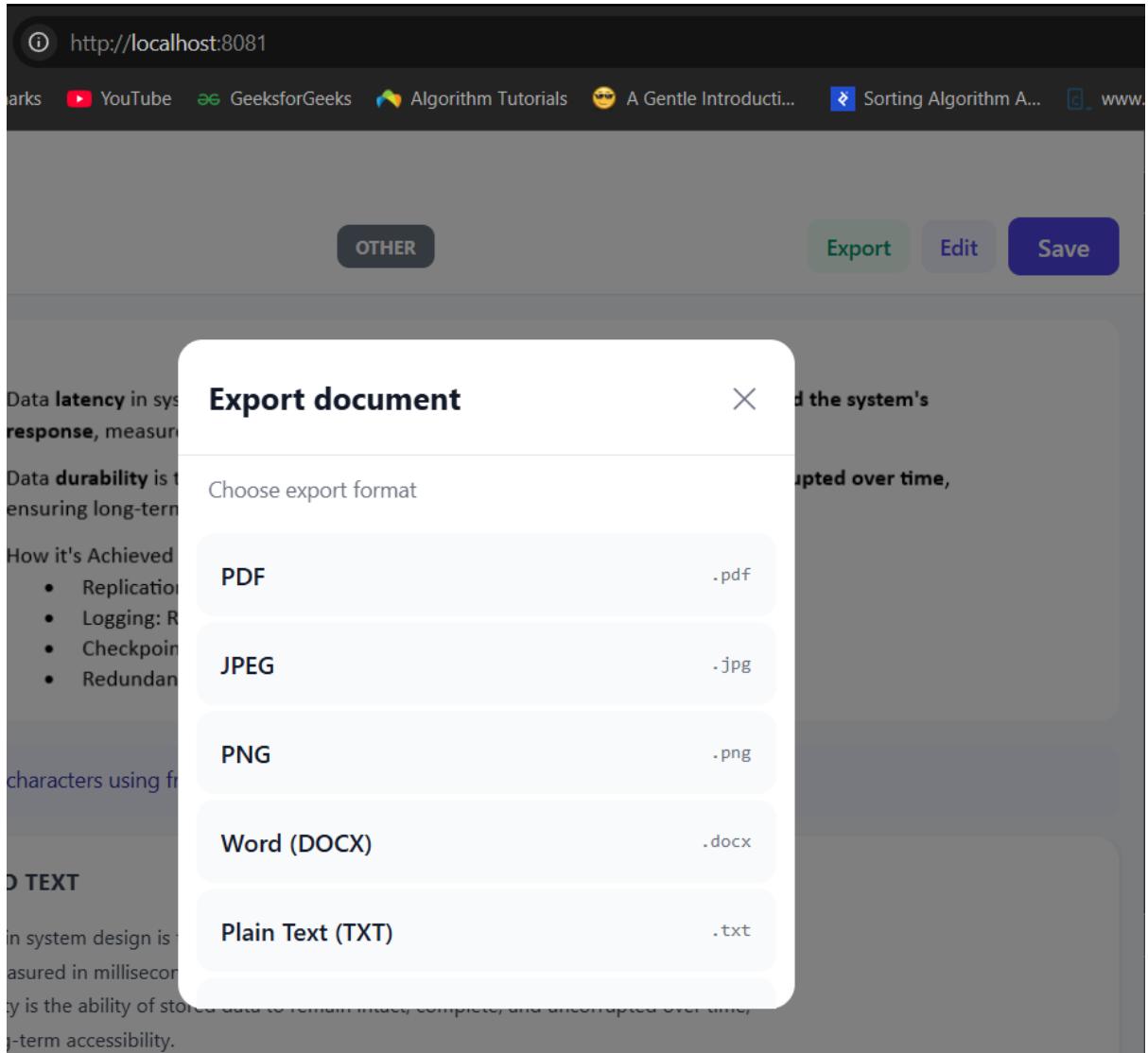
On clicking the upload button, the dialog window appears where the user makes the selection of the document to be scanned, and then we see that scanned document on the screen with the option to save it, edit it, export it, or cancel (do nothing to it, so it doesn't get saved) as shown in below image.



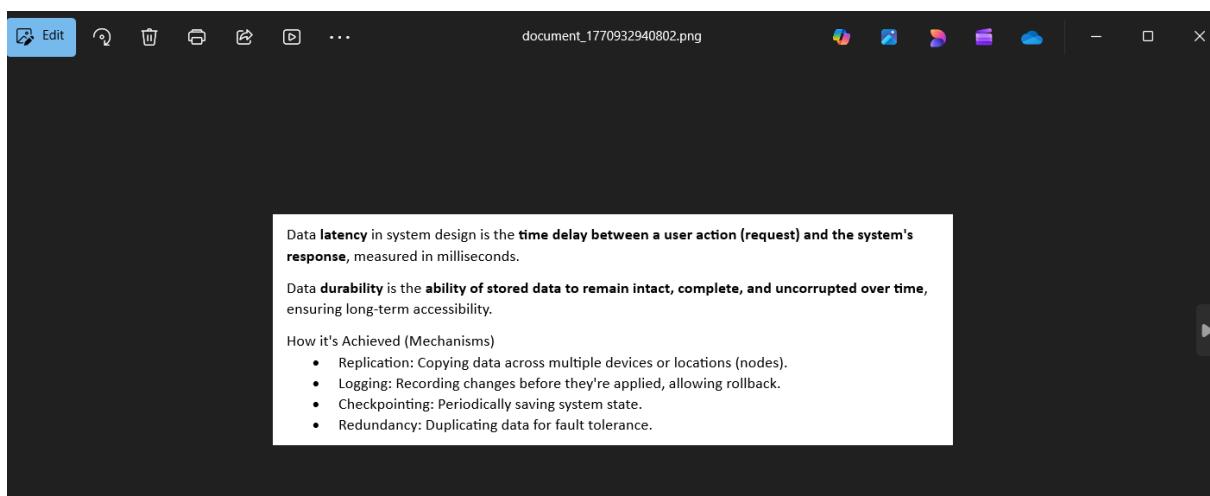
In the history section, we can see the list of scanned documents with each having the option to get edited, exported and locked with password. A document once edited earns the label of "edited". Similarly, there is a "locked" label as well.



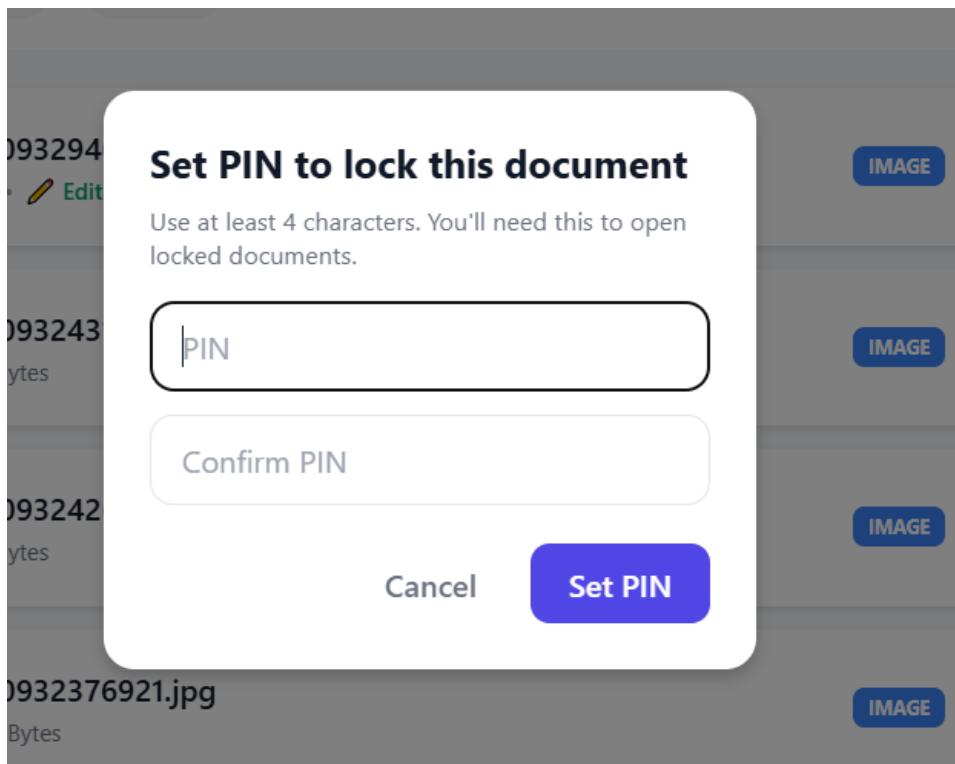
The export can be made in different formats like Word, PDF, JPEG, PNG, TXT.



Below screenshot shows the file exported in PNG format.



Now, we try the lock functionality as shown:



The locked document gets labeled as locked.

All PDF Image Recent

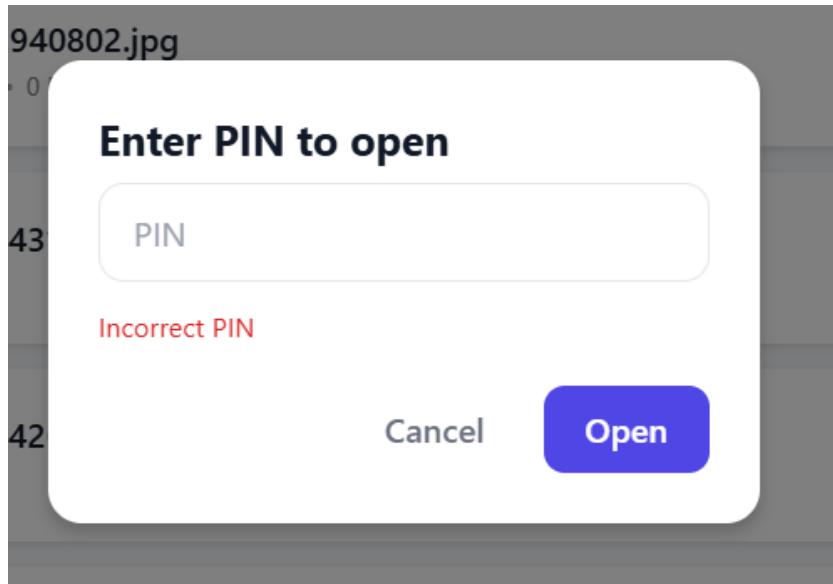
document\_1770932940802.jpg  
Locked • 3 minutes ago • 0 Bytes •

document\_1770932431828.jpg  
11 minutes ago • 0 Bytes

document\_1770932426924.jpg  
11 minutes ago • 0 Bytes

document\_1770932376921.jpg  
12 minutes ago • 0 Bytes

When we try to edit a locked document, it would ask for the pin. On entering the incorrect pin, it would give the “Incorrect PIN” prompt.



When the correct pin is entered, then only it shows the edit view of that document.

A screenshot of the "Edit Document" view for a document titled "940802.jpg". The top navigation bar includes "Cancel", "Edit Document" (in bold), and a "Save" button. Below the title, there's a "Document Type" section with several tabs: PASSPORT, ID CARD, RECEIPT, INVOICE, LETTER, FORM, and OTHER, with OTHER selected. The main content area is titled "Extracted Text" and contains a note: "This text was extracted using free OCR (OpenAI quota exceeded). You can edit it here or change the document type above to add structured fields." Below this note is a scrollable text area containing the following text:

Data latency in system design is the time delay between a user action (request) and the system's response, measured in milliseconds.  
Data durability is the ability of stored data to remain intact, complete, and uncorrupted over time, ensuring long-term accessibility.  
How it's Achieved (Mechanisms)  
↳ Replication: Copying data across multiple devices or locations (nodes).  
↳ Logging: Recording changes before they're applied, allowing rollback.  
↳ Checkpointing: Periodically saving system state.

At the bottom of the screen, there's a "Summary" section with the text: "Extracted 549 characters using free OCR. (OpenAI was unavailable.)".