**Module 1: Add Document Button**

1. **Initial Screen:**
   * **Button Display:**
     + **Label:** "Add Document"
     + **Position:** Prominently placed on the home screen or main dashboard of the app.
     + **Design:** Ensure the button is visually distinct and easily tappable.
   * **Action:**
     + **Navigation:** Tapping the button navigates the user to Module 2: Adding Document.
     + **Animation:** Consider adding a transition animation for a smooth user experience.

**Module 2: Adding Document**

1. **Document Addition Page:**
   * **Document Name Field:**
     + **Label:** "Document Name"
     + **Input Type:** Text field
     + **Validation:** Check for non-empty input and enforce character limits if necessary.
   * **Category Field:**
     + **Label:** "Category"
     + **Input Type:** Dropdown or text input
     + **Options:** Predefined categories or allow users to create new categories.
   * **Priority Field:**
     + **Label:** "Priority"
     + **Input Type:** Dropdown
     + **Options:** "Low," "Medium," and "High"
   * **More Info Field:**
     + **Label:** "More Info"
     + **Input Type:** Multi-line text area
     + **Placeholder Text:** Provide a hint or example of the kind of information users might add.
   * **Extra Fields:**
     + **Button:** "Add Extra Field"
     + **Functionality:**
       - **Dynamic Addition:** Allows users to add customizable fields for extra information.
       - **Field Types:** Text field, number field, date picker, etc., based on user needs.
   * **Add Image or PDF:**
     + **Button:** "Add Image/PDF"
     + **Functionality:**
       - **File Picker:** Opens the device’s file picker to select an image or PDF.
       - **Preview:** Optionally display a thumbnail or preview of the selected file.
   * **Add Button:**
     + **Label:** "Add"
     + **Action:**
       - **Save:** Stores the document’s data (name, category, priority, more info, extra fields) and any attached files (image/PDF) in local offline storage.
       - **Feedback:** Show a confirmation message or animation indicating the document has been successfully added.

**Module 3: Homepage**

1. **Search Bar:**
   * **Label:** "Search Document"
   * **Functionality:**
     + **Search:** Users can type to search for documents by name.
     + **Auto-suggestions:** Optionally provide search suggestions as the user types.
2. **Document Sorting:**
   * **Sorting Options:**
     + **By Priority:** Display documents ordered by their priority levels (Low, Medium, High).
     + **By Category:** Display documents grouped or ordered by their category.
     + **By Time Added:** Display documents in chronological order based on when they were added.
3. **Document List:**
   * **Display:**
     + **List View:** Show all documents in a list format.
     + **List Banner:** Each document entry includes:
       - **Document Name:** The title of the document.
       - **Priority:** The priority level.
       - **Size:** Size of the document or attached file (image/PDF).
       - **Thumbnail:** A small preview image or icon representing the document.

**Module 4: Document Details**

1. **Document Details Page:**
   * **Document Name:** Displays the name of the document.
   * **Category:** Shows the assigned category.
   * **Priority:** Displays the priority level.
   * **More Info:** Shows additional details provided by the user.
   * **Image:** Displays the attached image (if applicable).
2. **Image Download Button:**
   * **Label:** "Download Image" (if applicable)
   * **Functionality:** Allows users to download the image to their device.
3. **Edit Button:**
   * **Label:** "Edit"
   * **Action:** Opens an editable form where users can update the document’s details (name, category, priority, more info, extra fields, image/PDF).
4. **Share Button:**
   * **Label:** "Share"
   * **Action:** Opens sharing options allowing users to share the document via available methods (e.g., email, messaging apps).
5. **Copy to Clipboard:**
   * **Functionality:**
     + **Copy Options:** Allows users to copy text information (name, category, priority, more info) to the clipboard for easy pasting elsewhere.
6. **Delete Button:**
   * **Label:** "Delete"
   * **Action:**
     + **Confirmation Prompt:** Ask for confirmation to prevent accidental deletions.
     + **Deletion:** Removes the document from the app’s local storage.

**Extra Prerequisites**

1. **Offline Data Storage:**
   * **Functionality:**
     + **Local Storage:** All document data, including text and files (images/PDFs), should be stored on the device, accessible without an internet connection.
     + **Data Integrity:** Ensure reliable and secure storage practices.
2. **Document Sorting Options:**
   * **Options:**
     + **Priority:** Sort documents by priority levels (Low, Medium, High).
     + **Category:** Sort documents by category.
     + **Time Added:** Sort documents by the date they were added.
3. **Document Size Display:**
   * **Feature:**
     + **Size Indication:** Display the size of each document or attached file in the list view to help users manage storage.
4. **Priority Levels:**
   * **Levels:**
     + **Low**
     + **Medium**
     + **High**

Here’s a detailed breakdown of each module and feature for your Android app:

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### \*\*Module 1: Add Document Button\*\*

\*\*1. Initial Screen:\*\*

- \*\*Button Display:\*\*

- \*\*Label:\*\* "Add Document"

- \*\*Position:\*\* Prominently placed on the home screen or main dashboard of the app.

- \*\*Design:\*\* Ensure the button is visually distinct and easily tappable.

- \*\*Action:\*\*

- \*\*Navigation:\*\* Tapping the button navigates the user to Module 2: Adding Document.

- \*\*Animation:\*\* Consider adding a transition animation for a smooth user experience.

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### \*\*Module 2: Adding Document\*\*

\*\*1. Document Addition Page:\*\*

- \*\*Document Name Field:\*\*

- \*\*Label:\*\* "Document Name"

- \*\*Input Type:\*\* Text field

- \*\*Validation:\*\* Check for non-empty input and enforce character limits if necessary.

- \*\*Category Field:\*\*

- \*\*Label:\*\* "Category"

- \*\*Input Type:\*\* Dropdown or text input

- \*\*Options:\*\* Predefined categories or allow users to create new categories.

- \*\*Priority Field:\*\*

- \*\*Label:\*\* "Priority"

- \*\*Input Type:\*\* Dropdown

- \*\*Options:\*\* "Low," "Medium," and "High"

- \*\*More Info Field:\*\*

- \*\*Label:\*\* "More Info"

- \*\*Input Type:\*\* Multi-line text area

- \*\*Placeholder Text:\*\* Provide a hint or example of the kind of information users might add.

- \*\*Extra Fields:\*\*

- \*\*Button:\*\* "Add Extra Field"

- \*\*Functionality:\*\*

- \*\*Dynamic Addition:\*\* Allows users to add customizable fields for extra information.

- \*\*Field Types:\*\* Text field, number field, date picker, etc., based on user needs.

- \*\*Add Image or PDF:\*\*

- \*\*Button:\*\* "Add Image/PDF"

- \*\*Functionality:\*\*

- \*\*File Picker:\*\* Opens the device’s file picker to select an image or PDF.

- \*\*Preview:\*\* Optionally display a thumbnail or preview of the selected file.

- \*\*Add Button:\*\*

- \*\*Label:\*\* "Add"

- \*\*Action:\*\*

- \*\*Save:\*\* Stores the document’s data (name, category, priority, more info, extra fields) and any attached files (image/PDF) in local offline storage.

- \*\*Feedback:\*\* Show a confirmation message or animation indicating the document has been successfully added.

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### \*\*Module 3: Homepage\*\*

\*\*1. Search Bar:\*\*

- \*\*Label:\*\* "Search Document"

- \*\*Functionality:\*\*

- \*\*Search:\*\* Users can type to search for documents by name.

- \*\*Auto-suggestions:\*\* Optionally provide search suggestions as the user types.

\*\*2. Document Sorting:\*\*

- \*\*Sorting Options:\*\*

- \*\*By Priority:\*\* Display documents ordered by their priority levels (Low, Medium, High).

- \*\*By Category:\*\* Display documents grouped or ordered by their category.

- \*\*By Time Added:\*\* Display documents in chronological order based on when they were added.

\*\*3. Document List:\*\*

- \*\*Display:\*\*

- \*\*List View:\*\* Show all documents in a list format.

- \*\*List Banner:\*\* Each document entry includes:

- \*\*Document Name:\*\* The title of the document.

- \*\*Priority:\*\* The priority level.

- \*\*Size:\*\* Size of the document or attached file (image/PDF).

- \*\*Thumbnail:\*\* A small preview image or icon representing the document.

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### \*\*Module 4: Document Details\*\*

\*\*1. Document Details Page:\*\*

- \*\*Document Name:\*\* Displays the name of the document.

- \*\*Category:\*\* Shows the assigned category.

- \*\*Priority:\*\* Displays the priority level.

- \*\*More Info:\*\* Shows additional details provided by the user.

- \*\*Image:\*\* Displays the attached image (if applicable).

\*\*2. Image Download Button:\*\*

- \*\*Label:\*\* "Download Image" (if applicable)

- \*\*Functionality:\*\* Allows users to download the image to their device.

\*\*3. Edit Button:\*\*

- \*\*Label:\*\* "Edit"

- \*\*Action:\*\* Opens an editable form where users can update the document’s details (name, category, priority, more info, extra fields, image/PDF).

\*\*4. Share Button:\*\*

- \*\*Label:\*\* "Share"

- \*\*Action:\*\* Opens sharing options allowing users to share the document via available methods (e.g., email, messaging apps).

\*\*5. Copy to Clipboard:\*\*

- \*\*Functionality:\*\*

- \*\*Copy Options:\*\* Allows users to copy text information (name, category, priority, more info) to the clipboard for easy pasting elsewhere.

\*\*6. Delete Button:\*\*

- \*\*Label:\*\* "Delete"

- \*\*Action:\*\*

- \*\*Confirmation Prompt:\*\* Ask for confirmation to prevent accidental deletions.

- \*\*Deletion:\*\* Removes the document from the app’s local storage.

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### \*\*Extra Prerequisites\*\*

\*\*1. Offline Data Storage:\*\*

- \*\*Functionality:\*\*

- \*\*Local Storage:\*\* All document data, including text and files (images/PDFs), should be stored on the device, accessible without internet connection.

- \*\*Data Integrity:\*\* Ensure reliable and secure storage practices.

\*\*2. Document Sorting Options:\*\*

- \*\*Options:\*\*

- \*\*Priority:\*\* Sort documents by priority levels (Low, Medium, High).

- \*\*Category:\*\* Sort documents by category.

- \*\*Time Added:\*\* Sort documents by the date they were added.

\*\*3. Document Size Display:\*\*

- \*\*Feature:\*\*

- \*\*Size Indication:\*\* Display the size of each document or attached file in the list view to help users manage storage.

\*\*4. Priority Levels:\*\*

- \*\*Levels:\*\*

- \*\*Low\*\*

- \*\*Medium\*\*

- \*\*High\*\*