

# Complete Guide for Metadata Management App

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## 1. Start Screen

**Purpose:** User ko batana ke wo kis type ki media (Video / Audio / Image) ka metadata banana chahta hai.

**What User Sees:**

- App khulti hi ek simple window aayegi.
- Ek title likha hoga: **“Select Media Type”**.
- Neeche 3 buttons honge:
  - **Video**
  - **Audio**
  - **Image**

**Button Functions:**

- Agar user **Video** press kare → next screen open hogi jisme Video metadata form hoga.
  - Agar user **Audio** press kare → audio metadata form open hoga.
  - Agar user **Image** press kare → image metadata form open hoga.
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## 2. Metadata Form Screen

**Purpose:** Yahan user apna media ka detail fill karega jo XML file me save hoga.

**What User Sees:**

- Ek bada form jisme multiple **sections** honge.
- Har section ka title color se highlight hoga (e.g. Admin = Orange, Technical = Gray).

**Sections Example:**

1. **Administrative** → Title, Creator, Date, Rights, Description
2. **Technical** → File Size, Format, Resolution, Duration
3. **Capture** → Location, Camera Details, Date Captured
4. **People/Subjects** → Names of people, Keywords, Tags

## 5. Other sections (total around 50+ fields)

### Buttons on this Screen:

1. **Create XML**
    - Save all entered info into a new XML file.
    - File name automatically media ke title ya ID pe based hoga.
  2. **Load XML**
    - Purana XML file open karega.
    - Uske fields form me auto-fill ho jayenge (user edit karke phir se save kar sakta hai).
  3. **Clear**
    - Sare fields reset ho jayenge (form blank ho jaayega).
  4. **Back to Home**
    - Wapas start screen pe le jayega (Video/Audio/Image selection).
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## 3. Search Screen

**Purpose:** User apne purane XML metadata files me search kare.

### What User Sees:

- Ek search bar + filters ka section.

### Options:

1. **Choose Folder**
  - User ek folder select karega jisme XML files stored hain.
2. **Filter Selection**
  - Dropdown list of fields (Date, Title, Location, People, etc.).
  - User ek ya multiple filters select kar sakta hai.
3. **Search Box**
  - User yahan apna keyword likhega (e.g. “1990” ya “Ahmed”).
4. **Condition Toggle**
  - Option select kar sakta hai:
    - **Match Any (OR)** → Agar koi bhi filter match ho toh result show kare.
    - **Match All (AND)** → Sirf tabhi result show kare jab sab filters ek sath match karein.

### Buttons on this Screen:

1. **Search**
  - Start searching across all XML files.
  - Results neeche table/list me show honge with Title + ID.

2. **Clear Search**
    - Search filters and results clear ho jayenge.
  3. **Open Result**
    - Agar user kisi result pe click kare, to uska XML file load ho jaye metadata form me.
  4. **Back to Home**
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## 4. Export Screen (Excel Export)

**Purpose:** Metadata ko Excel sheet me export karna for reporting.

**What User Sees:**

- Ek screen with export settings.

**Options:**

1. **Choose Folder**
  - Select karega kaunse XML files export karne hain.
2. **Export Style**
  - Excel file formatting automatically hoga:
    - Each section (Administrative, Technical, etc.) alag highlighted color me.
    - Sequence number column (1, 2, 3 ...).

**Buttons on this Screen:**

1. **Export to Excel**
    - Ek Excel file banayega jisme sari metadata details hongy with colors & numbering.
  2. **Back to Home**
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## 5. Menu / Navigation (Always Available)

- Har screen ke top pe ek small menu hoga:
    - **Home** → Start screen pe wapas le jata hai.
    - **Metadata Form** → Direct form open karega.
    - **Search** → Search screen open karega.
    - **Export** → Excel export screen open karega.
    - **Exit** → App close karega.
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## 🔗 Summary of App Flow

1. **Home Screen** → Select Media Type.
  2. **Metadata Form** → Fill details → Save as XML / Load XML / Clear form.
  3. **Search** → Search across XML files using filters (Date, Location, People, etc.) with OR/AND condition.
  4. **Export** → Export all metadata to Excel with colors and numbering.
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✓ Final Outcome for User:

- Har media file ka ek **PbCore XML metadata** banega.
  - User easily search kar sakta hai kisi bhi detail ke basis pe.
  - User apni poori collection ka ek **Excel report** bana sakta hai jo organized aur colorful hogi.
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Bhai, ab ye full non-tech guide hai jo