User Guide for
Art Gallery Management System

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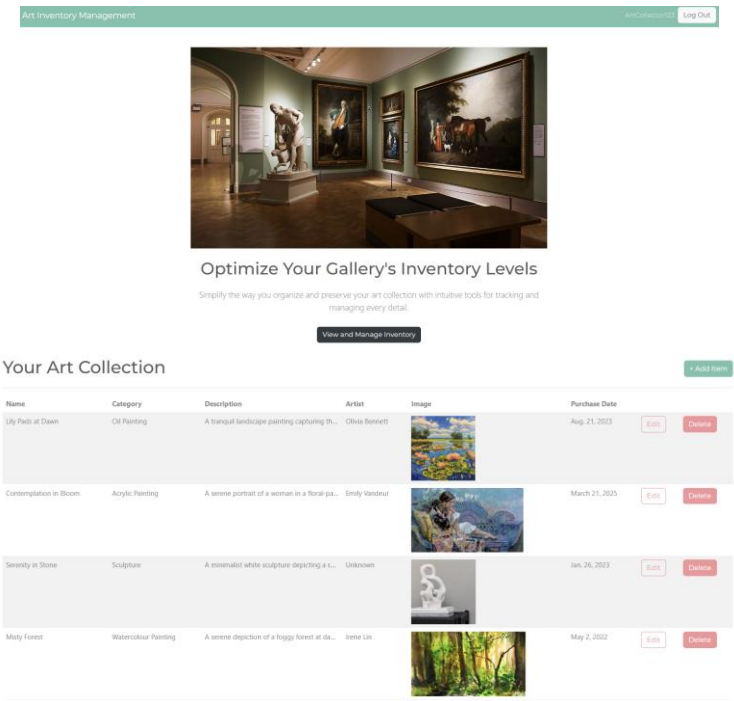
1. System Overview

The Art Gallery Management System consists of two integrated components:

1. Web Portal (Django): A comprehensive inventory management system for gallery administrators and staff.

2. Mobile Application (.NET MAUI) : A companion app for on-the-go access to artwork information.

Both systems synchronize in real-time through a secure API connection.

Web Portal
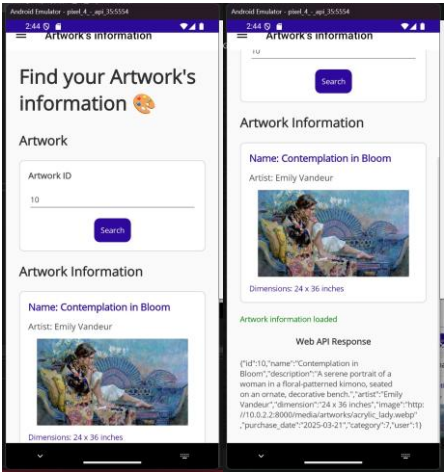
Mobile App

2. Web Portal - Art Gallery Inventory Management System

User Roles & Permissions

- **Admins** can manage all art items and users in the system.

- **Registered Users** can only manage their assigned art items.

Onboarding

Sign Up:

1. Click on the "Sign Up" button on the top right corner of the navigation bar.

2. Fill in Details: Enter your username, email, and password.

3. Submit: Click "Sign Up" to create your account.

Log In:

1. Click on the "Log In" button on the top right corner of the navigation bar.

2. Input your username and password.

3. Click "Log In" to access your account.

Log Out:

1. Click on the "Log Out" button on the top right corner of the navigation bar.

Registered Users (Including Admin)

To view your Art Gallery items:

1. Log In: Use your credentials to access your account.

2. Click the "Get Started" to view your inventory dashboard

3. Dashboard: You will be directed to your dashboard where you can view all the art gallery items assigned to you in a table.

4. Click on an item's row to view more details, including:

- Name

- Type

- Description

- Artist

- Dimensions

- Purchase Date

- Image (uploaded image for the item)

5. Pop-up Modal: For a more detailed view of all the information, click on the table row, which will open a pop-up modal.

To add a new item:

1. Click on the "+ Add Item" button located at the top right of your dashboard's item table.

2. Fill in Details: Enter the following information for the new item:

- Name

- Type

- Description

- Artist

- Dimensions

- Upload Image

- Purchase Date

3. Click "Add Item" to save and add the item to your inventory.

To edit or delete an item:

1. Editing an Item:

   ○ From your dashboard's item table, click on the 'Edit' button on the right side of the item row that you want to modify.

   ○ Make the necessary changes to the item's details, including name, type, description, image, and purchase date.

   ○ After making changes, click "Add Item" to save and apply changes.

2. Deleting an Item:

   ○ To delete an item, simply click the 'Delete' button in the table row.

   ○ Confirm the deletion to remove the item from your inventory.

Admin Portal

Create & Edit Art Categories

Admins can create and organize art categories to classify artwork inventory:

- Navigate to the "Categories" section under Asset.

- Click "Add" to create a new category.

- Enter the name of the category (e.g., "Paintings", "Sculptures") and save it.

- To edit an existing category:

    ○ Click on the category name.

    ○ Modify its details and click "Save".

View, Edit, and Create Inventory Items

Admins can view and modify all inventory items:

- Go to the "Inventory items" section under Asset.

- View the list of all artworks with details like:

    ○ Name

    ○ Type

    ○ Description

    ○ Assigned user

- Click on any item to:

    ○ Edit its details.

    ○ Change the assigned user who manages the item.

- Click "Save" to apply changes.

- Click on the "+ Add Inventory Item" button on the top right of the item table in your dashboard

Viewing Users

To view a list of all users in your system:

- Navigate to the "Users" section under Authentication and Authorization in the Django Admin dashboard.

- Here, you will see a list of all registered users with details like:

○ Username

○ Email

○ Date joined

○ Active status

● You can search for specific users by their username or email using the search bar at the top.

To create a new user:

1. Go to the "Users" section under Authentication and Authorization.

2. Click the "Add User" button on the top right.

3. In the "Username" and "Password" fields, enter the user's credentials.

4. After clicking "Save", you will be directed to a new page to add more user details, including:

○ First name

○ Last name

○ Email

○ User permissions (if applicable, like admin rights or specific group memberships)

○ Active status

5. After filling in the necessary details, click "Save" to create the new user.

To edit an existing user:

1. Go to the "Users" section under Authentication and Authorization.

2. Click on the username of the user you wish to edit.

3. On the user's detail page, you can edit:

○ Personal information like name and email.

○ Permissions (e.g., whether they have admin access).

○ Group memberships.

○ Password (you can reset it here as well).

4. After making changes, click "Save" to apply the updates.

To delete a user:

1. In the "Users" section, select the checkbox next to the user(s) you wish to delete.

2. In the Action dropdown, choose "Delete selected users".

3. Click "Go" and confirm the deletion.

3. Mobile Application

Getting Started

1. Download the app from the apk file

2. Grant necessary permissions when prompted

Search by Artwork ID

1. Tap the search field on the home screen

2. Enter the artwork's unique ID number

3. Tap "Search" to retrieve details

View Artwork Information

The following details will be retrieved live from the website

- Name of Artwork

- Artist

- Image of Artwork

- Description

- Dimensions