

# Picture Voting Desktop App (Kivy-based)

## Overview

This is a local desktop application for Linux, built using Python and the Kivy framework. Its primary purpose is to allow users to upload, categorize, and vote on images. The app does not require a user login and stores all data locally using the filesystem and JSON files.

## Main Pages

### 1. Home Page:

- Displays a summary view of the application.
- Includes cards showing how many pictures are pending for voting.
- Displays 4 main categories.

### 2. Voting Page:

- Includes two sections for voting:
  - a. Binary Voting: Good / Not Good / Skip
  - b. Scale Voting: Rate from 0 to 5 / Skip

### 3. Albums Page:

- Displays categories of images, both user-created and app-generated.
- Images can belong to multiple categories.
- Each category shows a gallery view.
- Full-screen slideshow and detailed view for individual images.

### 4. Statistics Page:

- Placeholder for future development.

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## 5. Upload Page:

- Upload images or entire folders.
- Rename every image (required).
- Add a description and assign categories.
- Crop each image to fixed sizes.
- Save to an 'Uncategorized' default category.

## 6. Settings Page:

- Change app storage directory.
- Reset and clear all application data.
- Open current project folder in the file explorer.
- Switch between different projects (e.g., 'mypic', 'football').

## Data Storage and Structure

All application data is saved locally, with no database connection.

- Metadata is saved in JSON files.
- Pictures are stored in folders organized by project.
- Each project has its own directory with subfolders and images.
- Example structure:

```
/data/projects/mypic/
```

```
??? images/
```

```
??? votes.json
```

```
??? categories.json
```

```
??? settings.json
```

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## Project Folder Layout

PictureVotingApp/

??? main.py

??? screens/

? ??? home\_screen.py

? ??? voting\_screen.py

? ??? albums\_screen.py

? ??? statistics\_screen.py

? ??? upload\_screen.py

? ??? settings\_screen.py

??? data/

? ??? projects/

? ??? current\_project.txt

??? assets/

? ??? icons/

??? kv/

? ??? main.kv

? ??? \*.kv

??? .venv/