

**Python Project Proposal**

**Gallerie**

**01286121 Computer Programming**

**Software Engineering Program,**

**Department of Computer Engineering,**

**School of Engineering, KMITL**

By

68011278 Ananda Stallard

Gallerie

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| **Project Description**  Gallerie is a photo gallery application developed in Python using the Tkinter GUI library, users can upload, download, delete and view photos on their own gallery in a simple, clean structure.  This program is geared towards photographers whether they are professionals looking for an aesthetic way to showcase their works or hobbyists wanting to preserve fond memories.  **Python Library**   1. Tkinter – for user interface. 2. Pillow – for resizing thumbnail and image handling. 3. OS – for accessing directories for the gallery 4. Shutil – for copying and deleting images from the gallery |
| **Screen Design**   1. Main Menu   From the main menu, users can access parts of the program including the gallery, upload/download and a settings screen.     1. Gallery   This displays all photos uploaded by the user in an organized layout.  A screenshot of a cell phone  AI-generated content may be incorrect.   1. Upload/Download Screen   In this page users can see all their photos in a simple layout so that they can easily upload, download or delete images from the gallery.  A screenshot of a phone  AI-generated content may be incorrect.   1. Settings   Users can edit settings for the program in this page like a theme selector for example.  A screenshot of a phone  AI-generated content may be incorrect. |