

**Introduction:**

SmartSort is an intelligent image classification application that aims to organize images into meaningful categories using machine learning techniques. The project leverages a meticulously trained model to predict the content of images and sort them into six distinct classes: Human, Animal, City, Airport, Nature, and Food.

**Objectives:**

Problem Statement: The proliferation of digital images necessitates efficient organization and retrieval methods. SmartSort addresses this challenge by automating the categorization process.

**Project Goals:**

   - Develop an accurate image classification model.

   - Create a user-friendly interface for users to upload and sort images.

   - Deploy the application for real-world use.

**Data Collection and Preprocessing:**

   - Collect a diverse dataset containing images from the six specified classes.

   - Preprocess the images (resize, normalize, augment) to prepare them for training.

**Expected Outcome:**

SmartSort will provide users with an efficient way to organize and manage their image collections. By accurately classifying images, it streamlines the process of searching for specific content.

**Conclusion:**

SmartSort represents an exciting intersection of machine learning and practical application. We anticipate that its deployment will enhance image organization and retrieval for users across various domains.