

Project Setup & Execution Guide

Overview

This project is designed as a web application and can be run using **Visual Studio Code** or **PyCharm**.

How to Run

1. Clone the Repository (if applicable)

Execute the following commands in your terminal:

```
git clone https://github.com/vignesh2396/ICBP-2.0-Project.git
cd ICBP-2.0-Project
```

2. Install Dependencies

Ensure that **Python 3.8+** is installed on your system. Then, install the required dependencies using:

```
pip install streamlit torch torchvision pillow
```

3. Launch the Application

There are two versions of this application:

- **Version 1:** Animates images that contain front-facing faces.
- **Version 2:** Works best with landscape images or images **without** faces (e.g., buildings, nature, etc.).

To convert face images to anime:

```
streamlit run app.py
```

To convert non-face images (e.g., buildings, nature, etc.):

```
streamlit run app2.py
```

Notes:

- You can use images from the **Sample Input** folder or similar images for testing.
- Ensure all dependencies are installed correctly before running the application.