**HOW TO RUN THE PROJECT**

**\*Check README file to config “email\_config.py”**

**STEP 1: OPEN THE TERMINAL**

On Windows: Press Win + R, type cmd, or open Anaconda Prompt / PowerShell.  
On macOS/Linux: Use Command + Space, type 'Terminal', and press Enter.

**STEP 2: NAVIGATE TO YOUR PROJECT DIRECTORY**

Use the 'cd' command to go to the folder containing requirements.txt.

Example:  
cd Documents/project\_path

**STEP 3: (OPTIONAL BUT RECOMMENDED) CREATE A VIRTUAL ENVIRONMENT**

Run:  
python -m venv venv

Then activate it:  
Windows: venv\Scripts\activate  
macOS/Linux: source venv/bin/activate

**STEP 4: INSTALL DEPENDENCIES FROM REQUIREMENTS.TXT**

Run the following command:  
pip install -r requirements.txt

**STEP 5: VERIFY THE INSTALLATION**

Run: pip list  
This shows all installed packages.

**STEP 6: RUN YOUR FLASK FILE**

Run your main file is app.py :  
python app.py  
Or

using Flask CLI:  
macOS/Linux: export FLASK\_APP=app.py  
Windows: set FLASK\_APP=app.py  
flask run

**STEP 7: DONE!**

Your Flask environment is set up, and your app should be running.

**OPTIONAL STEP: RUN PROJECT WITH NETWORK ACCESS**

If you want to run the Flask app on your local network (accessible from other devices):  
  
Set the host to 0.0.0.0 when running the server:  
  
Using Flask CLI:  
macOS/Linux:  
export FLASK\_APP=app.py  
flask run --host=0.0.0.0  
  
Windows:  
set FLASK\_APP=app.py  
flask run --host=0.0.0.0  
  
Then access it from another device on the same network using your computer's IP address, e.g., <http://192.168.1.100:5000>

\*Note- Video has been added for your reference

Predefined Credentials for the Admin -

Username:

admin\_hcst

Password:

admin\_1234

For Teachers Role -

In Teacher ID Starting 4 character of Email is mandatory to create ID

Example:

If Email is [abcdef@gmail.com](mailto:abcdef@gmail.com)

Than Teacher ID should be

abcd0000 (After starting four characters numbers can be choosen by your self)