TestZeus-Hercules Interface Web App

# Introduction

This is a simple web application that serves as a lightweight, community-friendly interface over the TestZeus-Hercules API. It allows users to easily input data and view processed results in a user-friendly format. The application is built using Flask for the backend and simple HTML, CSS, and JavaScript for the frontend.

# Features

- Lightweight and simple interface  
- Interactive form for user input  
- Dynamic response display  
- Smooth animations and transitions  
- Gradient and colorful background  
- Simple deployment with Flask

# Setup Instructions

Follow these steps to set up and run the web app locally on your machine:

1. Clone or download the repository(https://github.com/Ankitha-R?tab=repositories).  
2. Ensure that you have Python 3.x installed. You can check by running: `python --version`.  
3. Install Flask by running: `pip install flask`.  
4. Run the app using: `python app.py`.  
5. Open your web browser and navigate to: `http://127.0.0.1:5000/`.

# Usage

To use the web app, follow these steps:  
1. Enter your input in the provided text field.  
2. Click the 'Submit' button.  
3. The processed response will be displayed below the form.  
4. The interface includes smooth animations, a dynamic form, and colorful background effects.

# Deployment

You can deploy the web app to platforms such as Heroku, Vercel, or Render. For a quick deployment on Heroku, follow these steps:  
1. Create a `requirements.txt` file (if it doesn't already exist) by running: `pip freeze > requirements.txt`.  
2. Create a `Procfile` with the following content:  
 `web: python app.py`  
3. Push the code to your GitHub repository.  
4. Connect your GitHub repository to Heroku and deploy it.

# Credits

This project was built by Ankitha R. The application uses Flask for backend and simple web technologies like HTML, CSS, and JavaScript for frontend development.