Module: 06

Jenkins Exercise

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Exercise 3: Freestyle Job - Flask Application Deployment

1. Objective: Automate the deployment of a Flask application.

2. Steps:

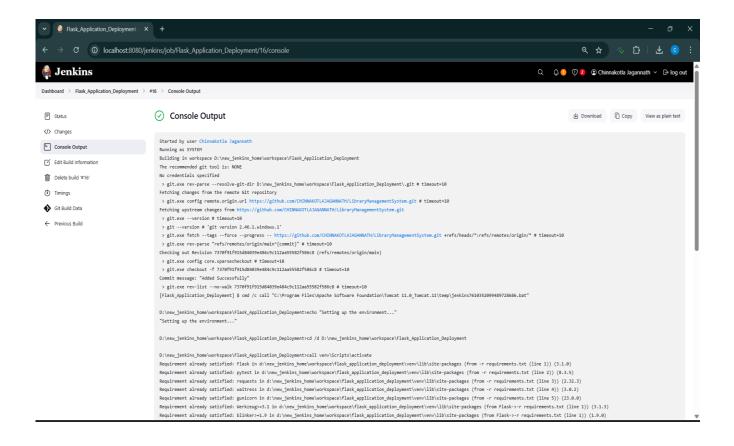
- Create a Freestyle Job.
- Configure the job to:
 - Pull the Flask application repository from GitHub.
 - Set up a virtual environment using Python:

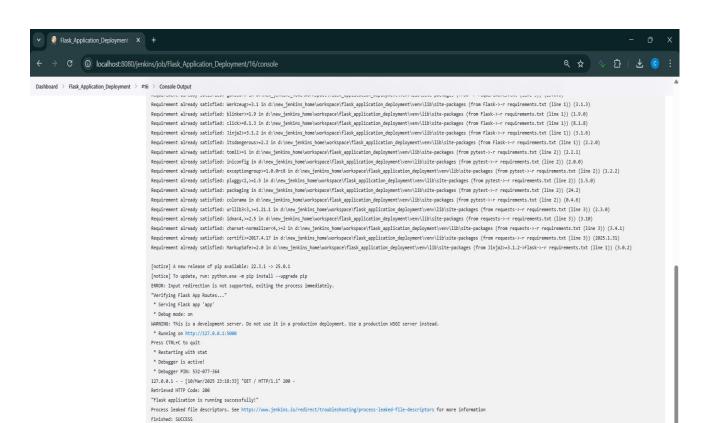
python -m venv venv .\venv\Scripts\activate pip install -r requirements.txt

- Start the Flask development server.
- Add a post-build action to verify the server is running (e.g., using curl or a similar tool to hit a test endpoint).
- **3. Task:** Test the application deployment by accessing it via localhost.

Flask Project GitHub Repo Link:

https://github.com/CHINNAKOTLAJAGANNATH/LibraryManagementSystem





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