Installation Guide: Project Ivory

This installation guide provides step-by-step instructions for installing and setting up Project Ivory, the web testing application developed by TITLE TECHNOLOGY. Follow the instructions below to install the application on your local development environment.

Prerequisites:

- Python 3.x installed on your system
- pip package manager installed
- Internet connectivity for package installation

Step 1: Clone the Repository

1. Open a terminal or command prompt.
2. Change the current directory to the location where you want to clone the repository.
3. Run the following command to clone the repository:

   bash
3. git clone <repository_url>

Step 2: Create a Virtual Environment (Optional)

1. Change the current directory to the cloned repository.
2. Run the following command to create a virtual environment:

   bash
2. python3 -m venv env
3.

Step 3: Activate the Virtual Environment (Optional)

- Activate the virtual environment to isolate the application's dependencies from your system-wide Python installation.
- Run the appropriate command based on your operating system:
    - For Windows:
        - bash
- .\env\Scripts\activate
- For macOS/Linux:
  bash
    - source env/bin/activate

Step 4: Install Dependencies

1. Ensure that you are in the root directory of the cloned repository.
2. Run the following command to install the project dependencies:
3. pip install -r requirements.txt

Step 5: Configure Environment Variables

1. In the root directory of the repository, create a new file named .env.
2. Open the .env file in a text editor.
3. Set the following environment variables:
   - makefile
4. SECRET_KEY=<your_secret_key>

Step 6: Run the Application

1. Ensure that you are in the root directory of the cloned repository.
2. Run the following command to start the application:
   a. css
3. python main.py
4. The application will be accessible at **http://127.0.0.1:5000** in your web browser.

Step 7: Register and Log in

1. Access the application in your web browser using the provided URL.
2. Click on the "Register" link to create a new account.
3. After registration, log in using the credentials you just created.

Congratulations! You have successfully installed and set up Project Ivory. You can now use the web testing application to perform security tests on web applications, generate reports, and explore its various features.

Note: This installation guide assumes a development environment setup. For production deployment, additional considerations such as server configuration, security measures, and database setup may be required.