

Automation Scripts Setup Guide

Follow the steps below to set up and run the automation scripts on your local machine.

Prerequisites

1. Download and install the latest version of **Node.js** from the official website.
2. Create a new folder (e.g., **API** or any preferred name) on your system.

Cloning the Repository

1. Open **Command Prompt** and navigate to the newly created folder.
2. Run the following command to clone the repository:

```
git clone https://github.com/Yogesh-A-Gowda/Automation-NodeJs.git
```

3. Navigate into the cloned repository folder:

```
cd Automation-NodeJs
```

4. All subsequent commands should be executed in the terminal from this location.

Example:

```
C:/Users/Desktop/Automation-NodeJs/
```

Setting Up Environment Variables

1. Navigate to the following directory:

```
tests → api
```

2. Create a new file named **.env** and add the following details:

```
USER=demouser@easecommerce.in
```

```
PASSWORD=cE7iQPP^
```

```
URL=https://easecommerce.in
```

Installing Dependencies

Navigate to the root directory of the cloned repository (where the **package.json** file is located) and install the required npm packages using:

```
npm i
```

This will install all dependencies as specified in **package.json**.

Alternatively, you can install them individually using:

```
npm i mocha
npm i chai
npm i dotenv
npm i testcafe
npm i axios
```

Running the Tests

Once the dependencies are installed, execute the following commands:

- **For API tests:**

```
cd tests
npm run test:api
```

- **For UI tests:**

```
npm run test:ui
```

Identified Issues

1. API Issue:

- When sending invalid query parameters in an API call, the expected behavior is to return empty data.
- However, the API currently returns all default values instead.
- The test cases have been adjusted so that one passes and the other fails, but it's unclear if the API is designed to be lenient in such cases.

2. UI Issue:

- The **Submit** button remains enabled even when none of the required fields are filled.