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
```

```
cd tests
```

4. All subsequent commands should be executed in the terminal from this location.
   Example:
```
C:/Users/<user.name>/Desktop/Automation-NodeJs/tests
```

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:**

```
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.