

# **ACCEPTANCE TESTING**

## Installation Guide

Pedro Tavares | [up201406991@edu.fe.up.pt](mailto:up201406991@edu.fe.up.pt)

Tiago Verdade | [up201704003@edu.fe.up.pt](mailto:up201704003@edu.fe.up.pt)

Vitor Barbosa | [up201703591@edu.fe.up.pt](mailto:up201703591@edu.fe.up.pt)

### *Introduction*

*The following guide presents information on how to set up the environment for the practical class on Acceptance Testing.*

---

## Requirements

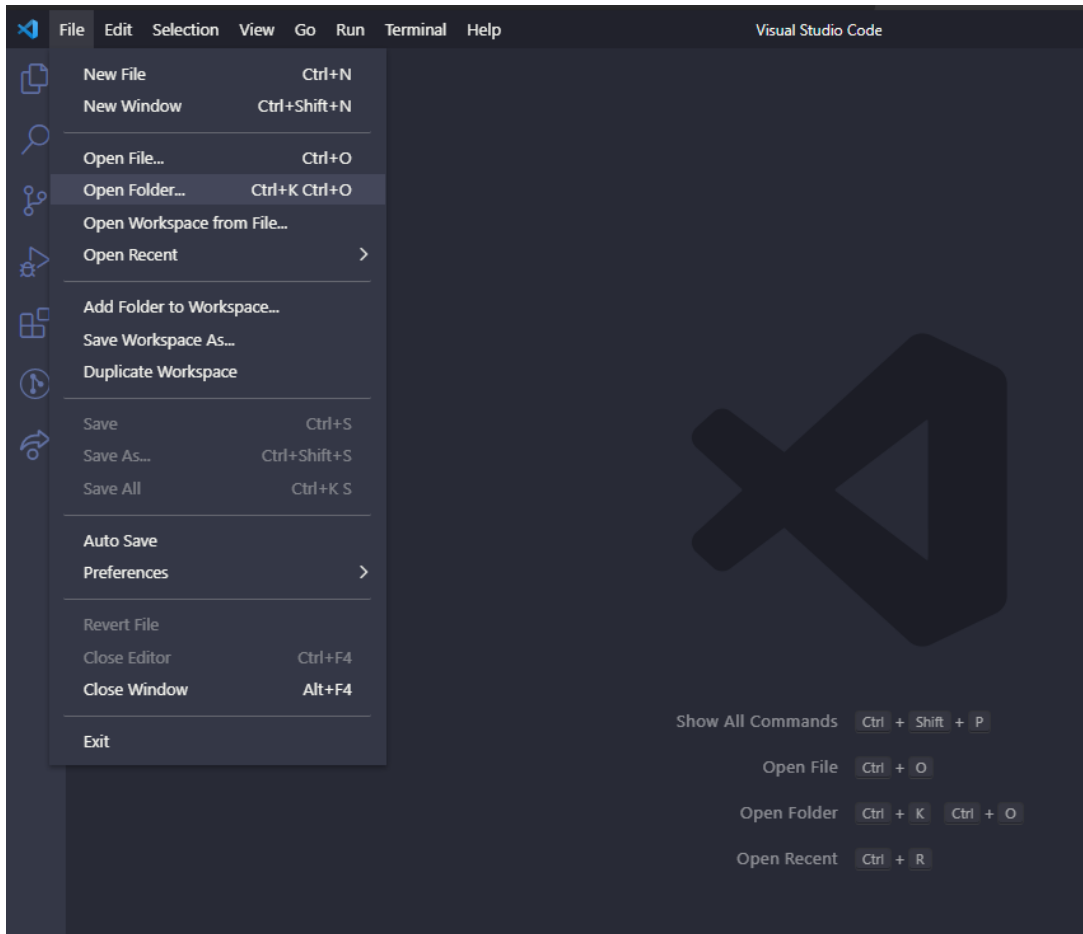
The following tools must be installed on your computer as preparation for the practical class:

- [Visual Studio Code](#), or another code editor of your choice. If you choose VSCode, it is recommended to install the [Cucumber \(Gherkin\) Full Support](#) extension.
- [Git](#)
- [Node.js / npm](#)

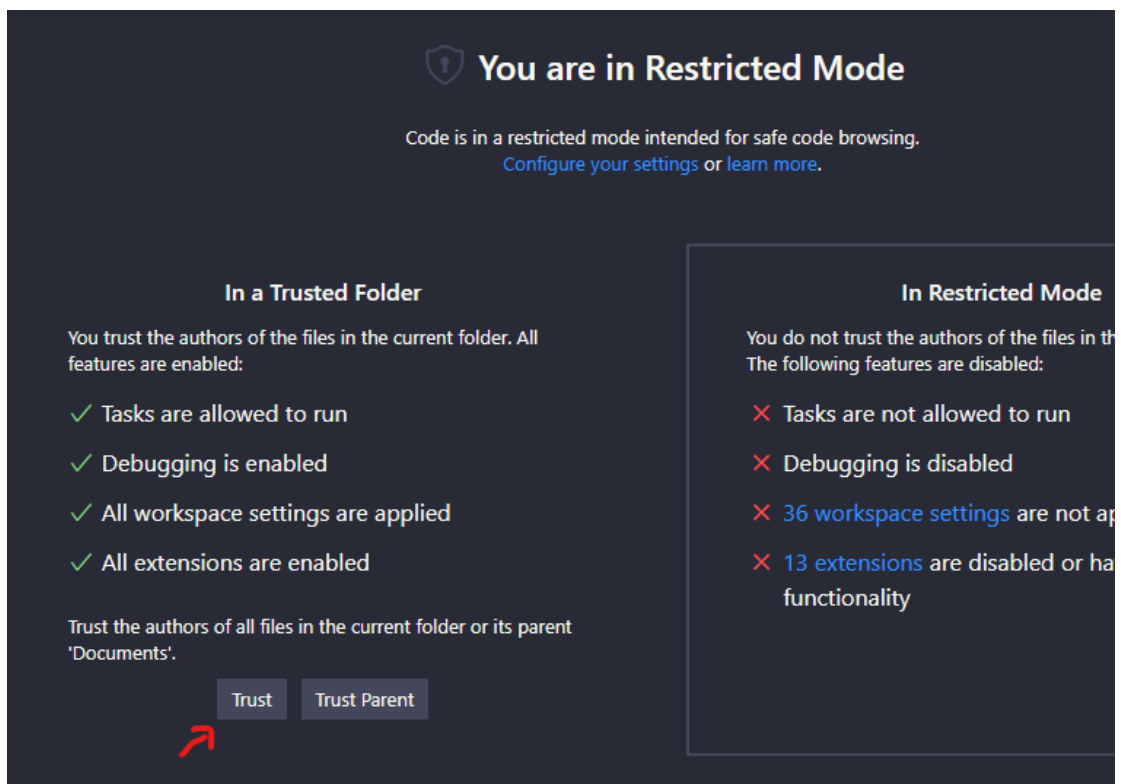
## Setup

After installation, use the following steps to configure the project on your computer:

1. Clone the [repository](#) with the source code using git, or download it directly from Github
2. Open the project in Visual Studio Code:
  - a. Open Visual Studio Code
  - b. When Visual Studio Code is loaded, open the project cloned by clicking on File > Open Project:



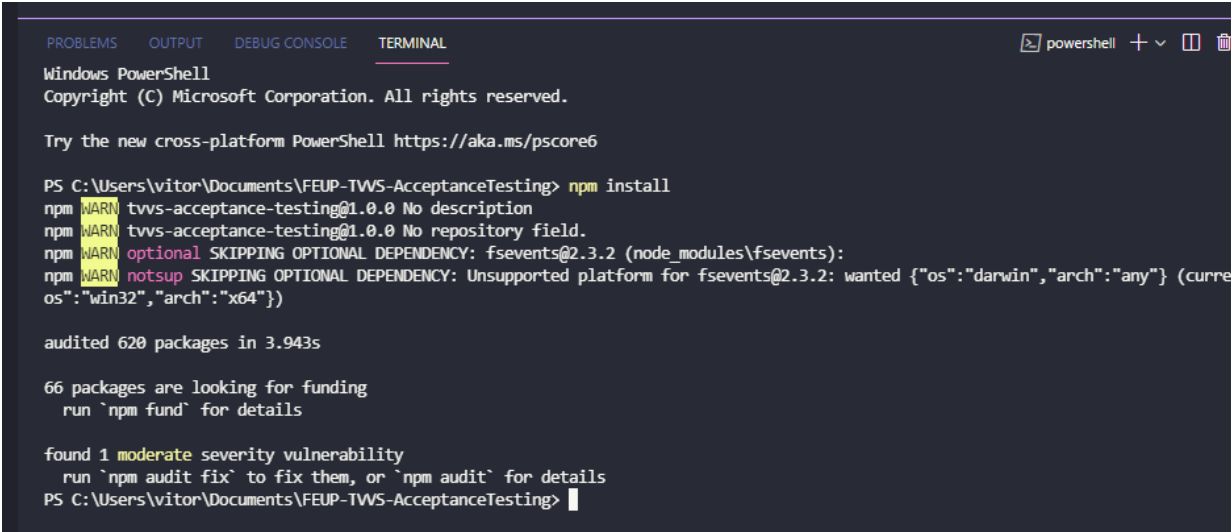
- c. When the project finishes opening and if the Workspace Trust window opens press the “Trust” button



3. Install the necessary packages and run the test scripts to verify that everything is as expected:

- a. Execute the following command in order to install the necessary packages

```
$ npm install
```



```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\vitor\Documents\FEUP-TWS-AcceptanceTesting> npm install
npm WARN tvws-acceptance-testing@1.0.0 No description
npm WARN tvws-acceptance-testing@1.0.0 No repository field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current {"os":"win32","arch":"x64"})

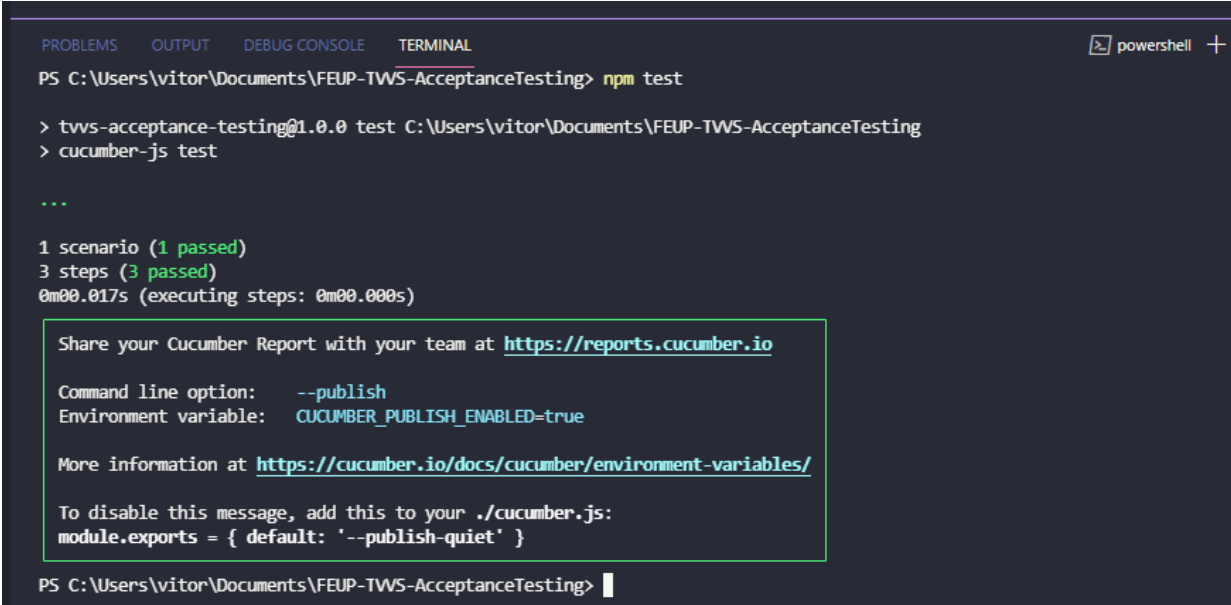
audited 620 packages in 3.943s

66 packages are looking for funding
  run `npm fund` for details

found 1 moderate severity vulnerability
  run `npm audit fix` to fix them, or `npm audit` for details
PS C:\Users\vitor\Documents\FEUP-TWS-AcceptanceTesting>
```

- b. Run the test using the following command and verify if the result is the expected

```
$ npm test
```



```
PS C:\Users\vitor\Documents\FEUP-TWS-AcceptanceTesting> npm test

> tvws-acceptance-testing@1.0.0 test C:\Users\vitor\Documents\FEUP-TWS-AcceptanceTesting
> cucumber-js test

...

1 scenario (1 passed)
3 steps (3 passed)
0m00.017s (executing steps: 0m00.000s)

Share your Cucumber Report with your team at https://reports.cucumber.io

Command line option:  --publish
Environment variable:  CUCUMBER_PUBLISH_ENABLED=true

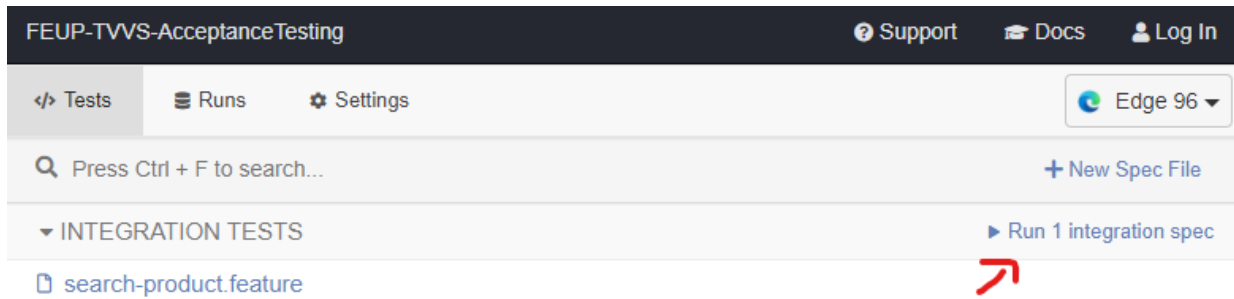
More information at https://cucumber.io/docs/cucumber/environment-variables/

To disable this message, add this to your ./cucumber.js:
module.exports = { default: '--publish-quiet' }

PS C:\Users\vitor\Documents\FEUP-TWS-AcceptanceTesting>
```

- c. Finally, run the UI test using the following command. This will open a window with all the features to test

```
$ npm run cypress:open
```



To run the UI automation click the button pointed out in the previous image and a new browser window will be opened and you will be able to see the execution

