

Fullstack Software Developer Test Case

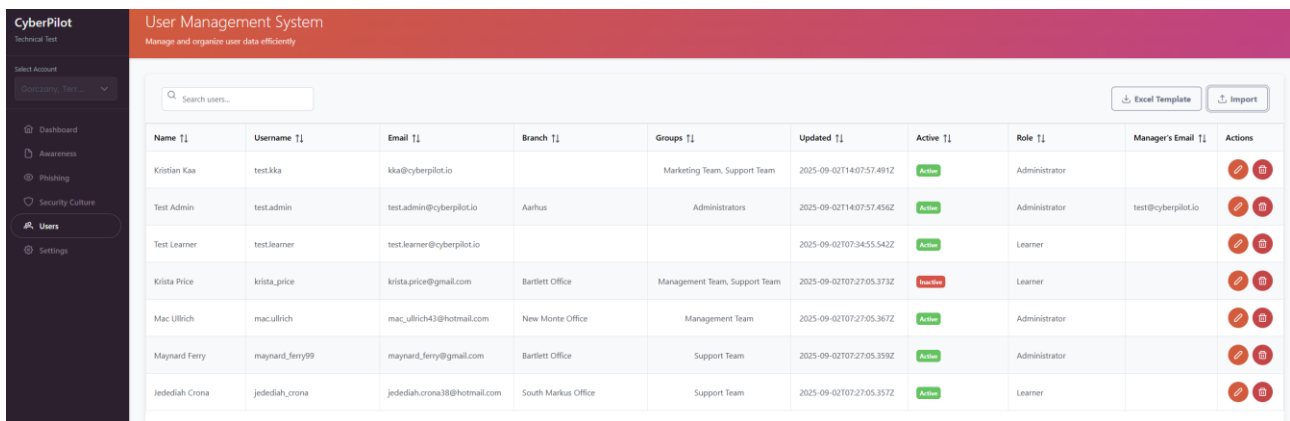
The purpose of this test is to assess the frontend and backend skills of a fullstack engineer. As with all test cases, the end goal is not to have a perfectly functionally working piece of software but understand how the candidate got to the result.















You are welcome to use any tool of your liking, including AI tools. When you have completed the challenge, we will invite you to a technical talk, and you should consider that the real test. We will talk about your solution; we will discuss some of the design principles in the code you received and discuss how the test case could have been solved differently. It's from this discussion that we hope to gain good insights into your technical abilities (since we would have no idea whether you, a friend or an AI actually wrote the code).

The Task

You have received a zip file with a working web application. **Everything you need to know to set up the application you will find in the README.md file.**

In this application, you have an overview of users. You have two possible actions; download a template excel file and import new users.

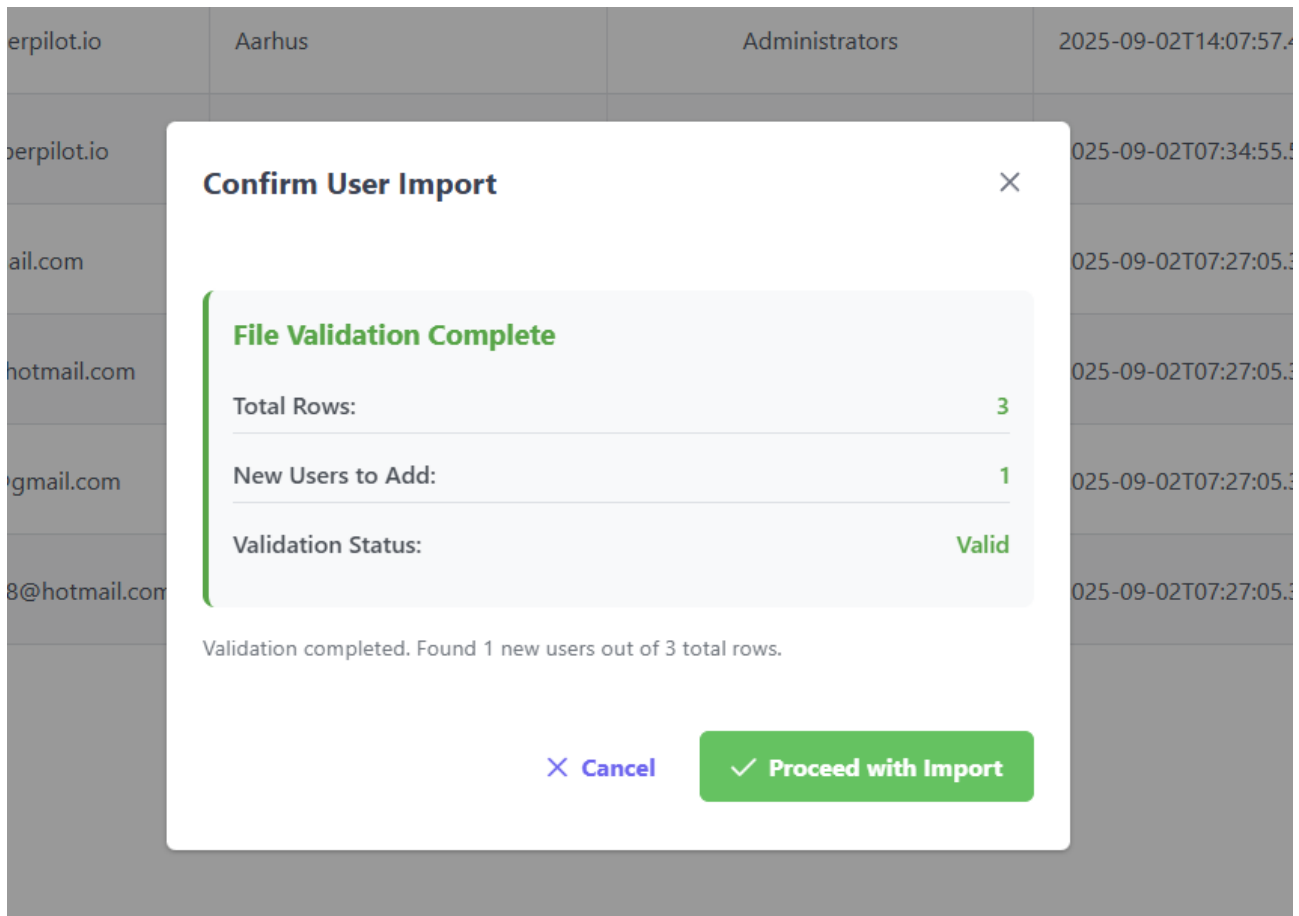


Name	Username	Email	Branch	Groups	Updated	Active	Role	Manager's Email	Actions
Kristian Kaa	test.kka	kka@cyberpilot.io		Marketing Team, Support Team	2025-09-02T14:07:57.491Z	Active	Administrator		 
Test Admin	test.admin	test.admin@cyberpilot.io	Aarhus	Administrators	2025-09-02T14:07:57.496Z	Active	Administrator	test@cyberpilot.io	 
Test Learner	test.learner	test.learner@cyberpilot.io			2025-09-02T07:34:55.540Z	Active	Learner		 
Krista Price	krista_price	krista.price@gmail.com	Bartlett Office	Management Team, Support Team	2025-09-02T07:27:05.373Z	Inactive	Learner		 
Mac Ullrich	macullrich	mac_ullrich43@hotmail.com	New Monte Office	Management Team	2025-09-02T07:27:05.367Z	Active	Administrator		 
Maynard Ferry	maynard_ferry99	maynard_ferry@gmail.com	Bartlett Office	Support Team	2025-09-02T07:27:05.359Z	Active	Administrator		 
Jedediah Crona	jedediah_crona	jedediah.crona38@hotmail.com	South Markus Office	Support Team	2025-09-02T07:27:05.357Z	Active	Learner		 

Right now, when you choose to import users, the users that you put into the excel file you upload, will be created instantly.

Your task is to add an intermediate step into this upload process. The backend should count how many new users are about to be created, and then the frontend will ask for confirmation by the user, before the users are actually uploaded.

The confirmation *could* look like this:



Since this task is all about code and code design, you will get no points for implementing a nice design (or negative points for delivering something very raw), so don't bother to write that perfect CSS 😊

Hand in

You should hand in the following (by email):

- A zip file of the entire codebase. **Remember to exclude node_modules from the compressed file.**
- A few sentences that describe your thought process (how did your thoughts evolve while solving the task)
- A few sentences on the implementation that you ended up with.

Questions

Any questions you might have can be directed to kka@cyberpilot.io or at 23 90 51 57.