

Senior QA Engineer - Assignment

MPDS BV
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Introduction

MPDS is developing a web-based software application that will run locally in healthcare organizations (without access to the internet). The software application is used by clinicians to support their workflow and processes in tumor board meetings.

In order to develop a reliable and stable application, we hold (automated) end-to-end testing in high regard.

We are looking for a QA engineer who is able to:

1. Formulate clear and unambiguous test cases based on product requirements
2. Translate these test cases in automatic tests using Cypress

Assignment

Prepare a document that describes a step-by-step test case(s) for the two product requirements in the table below. Include both happy and - likely to occur - unhappy paths.

During the interview we will discuss the test case(s), your rationale for the case(s) and (potential) challenges for automating these test cases in Cypress.

Product Requirement 1: User password log in

As a user I want to be able to sign in to the application using an -mail address and a password.

I want to have the option to hide/show the content of the password field.

I want to be notified when my email address and/or password is/are incorrect and I want to be informed which one(s) is/are incorrect.

In case my email is incorrect or I forgot my email to be able to log in, I want to be able to contact the admin user(s) through a form required to retrieve my email address.

In case my password is incorrect or I forgot my password to be able to log in, I want to be able to reset my password.

Product Requirement 2: User password log in

After I have entered my email address and password, I will receive an One Time Password (OTP) in my email which I will need to populate in the user interface to be able to sign in. The OTP will expire after 5 minutes, which is mentioned in the email.

I want to have an option to resend the access code, in case I did not receive the email or the OTP expired.