

# Swimlane QA Applicant SDET Practical Exam

Welcome to the next phase of the QA Interview process. The purpose of this test is to understand how you approach:

- QA analysis
- Test automation
- Organization of your tests
- Your coding style.

We will provide you access to a Swimlane QA Interview instance, create a personalized user account and we will email you with the Swimlane URL, your login name, and a password. You will have 3 days to return your test artifacts.

If you have questions or need to reschedule for any reason, please reach out to us and we will get back to you as soon as we can.

The URL for the test instance: <https://qa-practical.qa.swimlane.io/login>

## Instructions:

The goal of this assignment is for you to write several automation tests for a few areas of the Swimlane application. We will provide you with a link to a deployed instance of Swimlane with a dedicated username and password.

Please write the tests in one of the following languages and with the tool of your choosing:

- TypeScript/JavaScript

If you find any defects, please submit a separate defect report with your findings.

Please submit your automation via a Git repository of your choosing. Once complete, please email us the URL to your Git repository.

The test shall be repeatable, and executable on any compatible machine. Any cleanup required to run the tests again shall be built into the automation.

## Login Page

Build an automated UI test suite around the login page.

## Creating a New Record

Build an automated UI test suite around creating a new record in Swimlane.

## API Testing

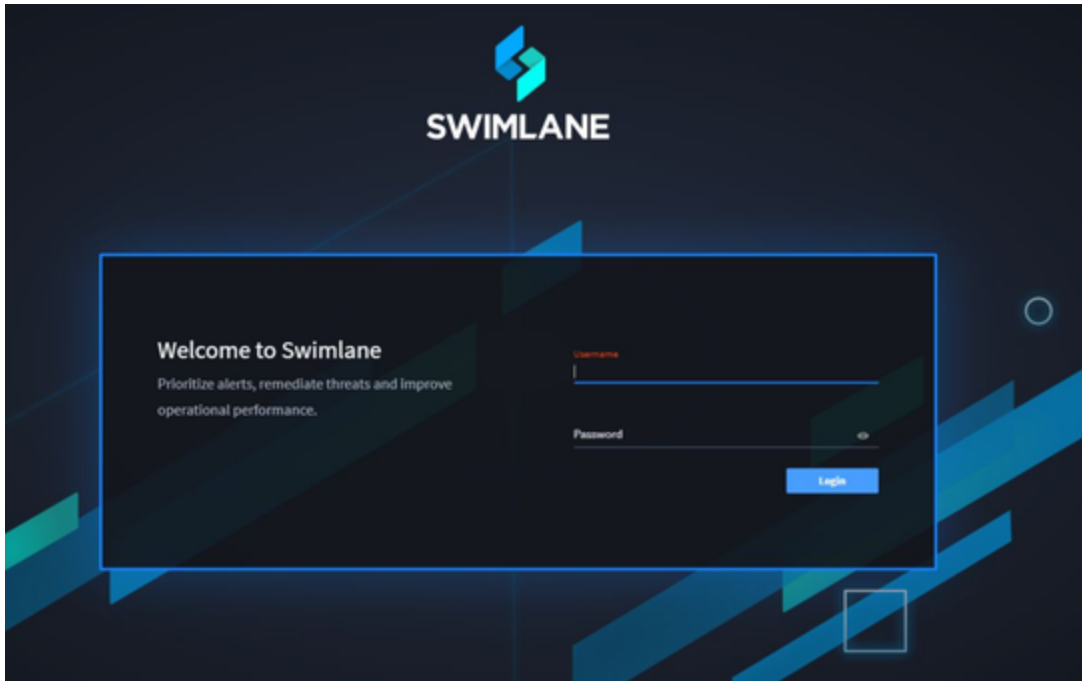
Build an automated test around the Swimlane API. The API documentation can be found at the `https://<host>/docs` page.

Using the API documentation, please include test cases for the following endpoints:

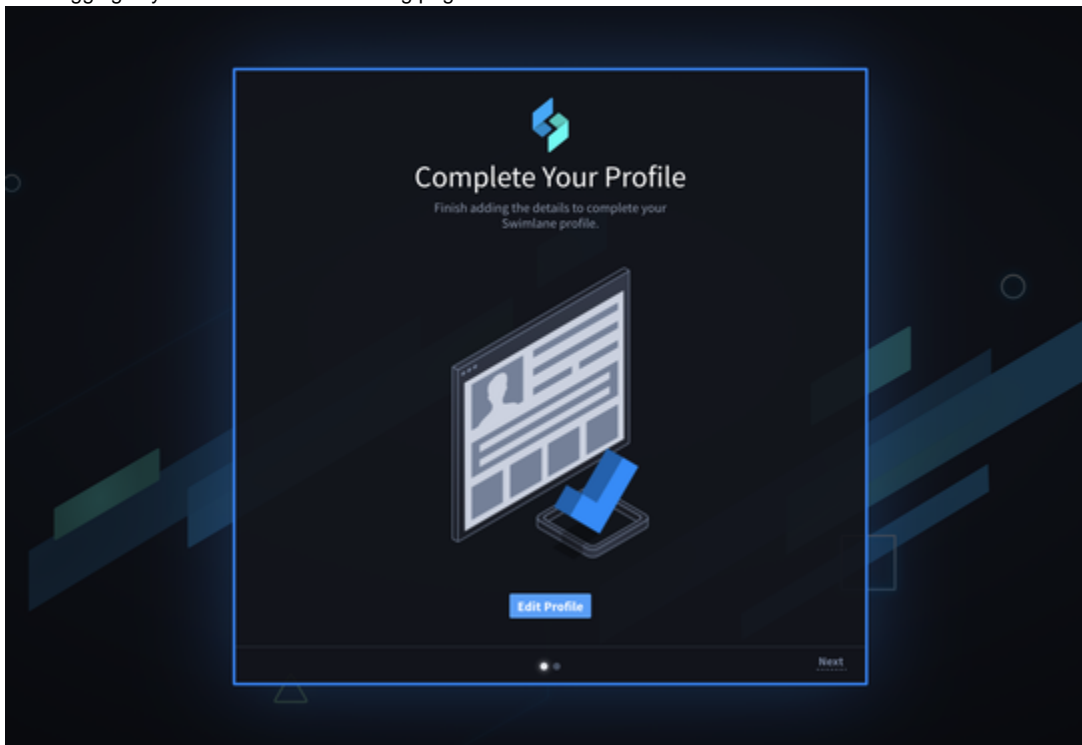
- POST `/app/{appId}/record`
- GET `/app/{appId}/record/{id}`
- DELETE `/app/{appId}/record/{id}`

## How to Create a New Record

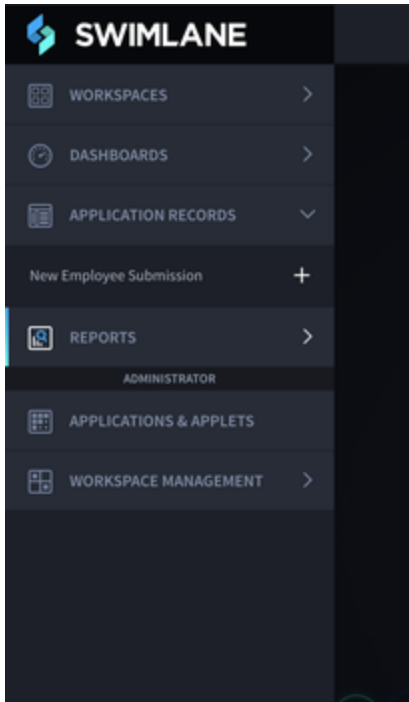
Upon loading the supplied URL, you will be given a login screen:



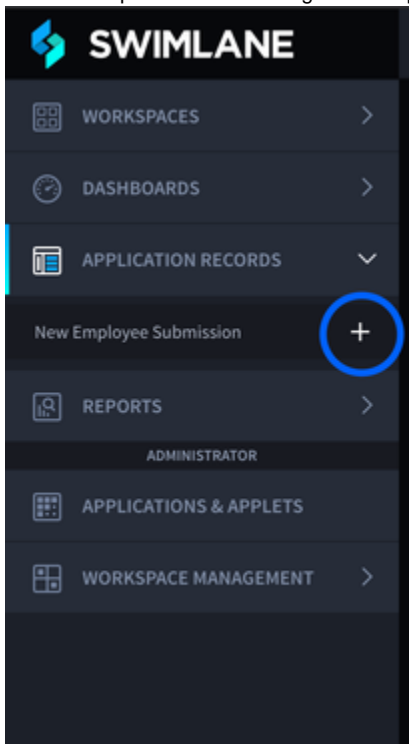
After logging in you will come to the landing page:



In the side navbar on the left, you will the following menu options:



Click on the plus button following “New Employee Submission”:



That will take you to the following form:

New Record

EMPLOYEE PERSONAL INFORMATION

First Name: Required

Last Name: Required

Street Address:

City: Required

State:

Telephone:

Zip:

Email:

Text:

From here you can fill in the form fields and try saving the record.