

Home Assignment:

Task 1. Travel booking service

Description: There is a booking service for traveler to book their accommodation and additional options.

The backend team has developed a set of RESTful APIs to support operations such as user authentication, booking creation, retrieval, updates, and deletion. These APIs are modeled after the public RESTful Booker API, which the development team used as a reference during implementation.

You've recently joined as a Quality Assurance Engineer, and your task to ensure these APIs:

- <https://restful-booker.herokuapp.com/apidoc/index.html#api-Auth>
- <https://restful-booker.herokuapp.com/apidoc/index.html#api-Booking>

are functioning correctly, securely, and meet business expectation.

Deliverables:

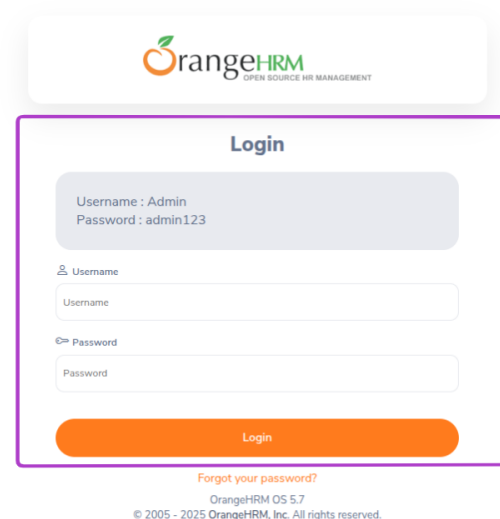
Provide the following:

- Automated test scenarios written in a programming language or testing tool of your choice
- Please provide a GitHub repository link, or a zipped folder containing your solution and necessary files.

Task 2. Login form

Description: There is an open source HR management system, which the development team has just finished up.

<https://opensource-demo.orangehrmlive.com/>



The screenshot shows the login interface of the OrangeHRM system. At the top, the OrangeHRM logo is displayed with the tagline "OPEN SOURCE HR MANAGEMENT". Below the logo, the word "Login" is centered. A light gray box contains the pre-filled login credentials: "Username : Admin" and "Password : admin123". Below this, there are two input fields: "Username" and "Password", each with a corresponding icon (a person for username and a key for password). An orange "Login" button is positioned below the input fields. At the bottom, there is a link "Forgot your password?" and the text "OrangeHRM OS 5.7" and "© 2005 - 2025 OrangeHRM, Inc. All rights reserved."



How would you test it, which scenarios are necessary?

Deliverables:

Provide the following:

- Automated test scenarios written in a programming language or testing tool of your choice
- Please provide a GitHub repository link, or a zipped folder containing your solution and necessary files.

Deliverables could be done in one or two separated automated solutions for both tasks.