



Java Test Scenario

Create a basic Java/JEE web application that is composed of the following:

- 1) Create a login screen that should include a new user creation function for unique users (username and password should be enough)
- 2) In one page a form that takes a credit card number, a name and an expiry date (in the format YY/MM) that on submit will store that card, if the card is new, or update the card expiry date if the card is already there. The application should confirm the entered card data is valid before storing or updating the card.
- 3) On another page, have a text field that can accept a credit card number and a button to search. When search is clicked then the system should return the credit card data. This data should be displayed in a table. (if the user types in the search text part of the credit card number the system might show more than one credit card.)
- 4) Make sure that the card created is visible only to the user who created it or to user with administrator privileges (admin user credentials can be defaulted to some fixed value).

For this test, it is important to note that we are NOT looking for something pretty in terms of UI since this is a throwaway project — please don't waste time on fancy buttons or screens. But for the Java part please treat it as it's an actual production code.

You are free to use whatever frameworks or libraries that you are comfortable with within the realm of Java and JEE. For the UI side you can use any Html, Java Script framework you are familiar with or any other Java based technology.

Please, if possible, upload your project to a public **GITHUB** account and provide us with a URL.