WRITE UP

Handling User Authentication

DESCRIPTION

Project objective:

Set up a standalone project to do unit testing of the user authentication class which is used in the main web application. The objective is to create a JUnit class that will test all aspects of the authentication class.

Background of the problem statement:

As a part of developing an ecommerce web application, a test-suite is being created to do unit testing of all backend components in the web application. This project will test the user authentication class. This project will be a standalone Java application, since Junit does not directly test servlets or web pages. We are only testing the classes that have the business logic.

STEP1: Create a standalone Java application using Maven

STEP2: Create an authentication class that has all the methods related to user authentication

STEP3: Create a Junit test class to create unit tests for the authentication class

STEP4: Run the test class directly as a Junit and check if all the tests pass

STEP5: Document the step-by-step process involved in completing this task