**Phase 3**

**Lesson 3**

**Handling User Authentication**

**Project setup:**

● Eclipse as the IDE  
● Apache Tomcat as the web server  
● Junit 5

**Project implements:**

● Create a standalone Java application using Maven  
● Create an authentication class that has all the methods related to user authentication  
● Create a JUnit test class to create unit tests for the authentication class  
● Run the test class directly as a JUnit and check if all the tests pass  
● Document the step-by-step process involved in completing this task

**Flowchart:**

Home

Login Failure

(login again)

Login successful

Enter user details to login

Welcome

(login page)