# Payroll Management System Testing

## 1. Employee Class (Employee.java):

* Represents information for each employee, including employee ID (id) and salary payment status (isPaid).
* Used to simulate employees during testing.

## 2. Manager Class (Manager.java):

* Contains the doPayment method to simulate the salary payment process for a list of employees.
* Used to simulate managers during testing.

## 3. PaymentProcessor Interface (PaymentProcessor.java):

* Defines the doPayment method to outline the payment processing behavior for a list of employees.

## 4. Transaction Class (Transaction.java):

* Represents the payment transaction, including the employee ID (employeeId).
* Use to record transaction information during testing.

## 5. ManagerTest Class (ManagerTest.java):

* JUnit 5 test suite to test Manager functionality.
* Use Mockito to create mock object of Manager class and test doPayment method.
* The testing methods simulate different scenarios of salary payment.

## 6. Mockito Library File (pom.xml):

* Used to specify dependencies for the Mockito library in the project.

## 7. JUnit 5 Test File (pom.xml):

* Used to specify dependencies for the JUnit 5 library in the project.