

Practical Test Paper - IASF

- Intergraphic Application using Spring Framework

Duration: 1 hour – Total Marks: 15

You are a programmer trained at fpt-aptech international academy. Your task is to build a salary management system for the employees of the corporation.

Technology and stack requirements:

1. Use SpringBoot framework
2. Use Data model as JPA Hibernate
3. View engine options, combined with Bootstrap, JQuery ...

Due to the urgent need to demo for customers, the specific function required to update information for staff needs to be completed immediately. Complete the functions as a model: Create, Read, Delete, Edit and Search employee.

User

Name

Age

Salary

Add

Reset Form

List of Users

| ID | NAME | AGE | SALARY | |
|----|------|-----|--------|-----------------------|
| 1 | Sam | 30 | 70000 | <div>EditRemove</div> |
| 2 | Tom | 40 | 50000 | <div>EditRemove</div> |

User

User created successfully

Name

Age

Salary

Add

Reset Form

List of Users

| ID | NAME | AGE | SALARY | | |
|----|--------|-----|--------|------|--------|
| 1 | Bob | 30 | 12000 | Edit | Remove |
| 2 | Silvia | 42 | 15000 | Edit | Remove |

User

Error while creating User: Unable to create. A User with name Bob already exist.

Name

Age

Salary

Add

Reset Form

List of Users

| ID | NAME | AGE | SALARY | | |
|----|--------|-----|--------|------|--------|
| 1 | Bob | 30 | 12000 | Edit | Remove |
| 2 | Silvia | 42 | 15000 | Edit | Remove |

User

User updated successfully

Name

Bob

Age

32

Salary

12000

Update

Reset Form

List of Users

| ID | NAME | AGE | SALARY | |
|----|------|-----|--------|-----------------------------------|
| 1 | Bob | 32 | 12000 | <div>Edit</div> <div>Remove</div> |

| <i>Developing Enterprise Applications with IASF Solution</i> | | |
|--|------|--|
| | 01.0 | Marks for creating the structure of a project such as entity and properties. |
| | 02.0 | Marks for creating checks for validate of data. |
| | 03.0 | Marks for Search and display result of data. |
| | 06.0 | Marks for CRUD |
| | 03.0 | Marks for using view engine |
| | 15.0 | Total Marks |