

Antra Advanced Java Training Assignment 2

Dongyue Li

Problem Description:

In previous assignment the Department and Employee is Many to Many relationship. In the real world, most of the time employee should only belong to one department.

Task1: Change the relation from **Many to Many** to **One to Many**.

To do this, the users should be able to create a standalone department without employee and then from add employee page they can choose one department of the employee.

After add a new employee, the result should be displayed in both Existing Dept and Existing Employee.

Task 2: Apply MVC. Make the package organized. Give meaningful name of classes.

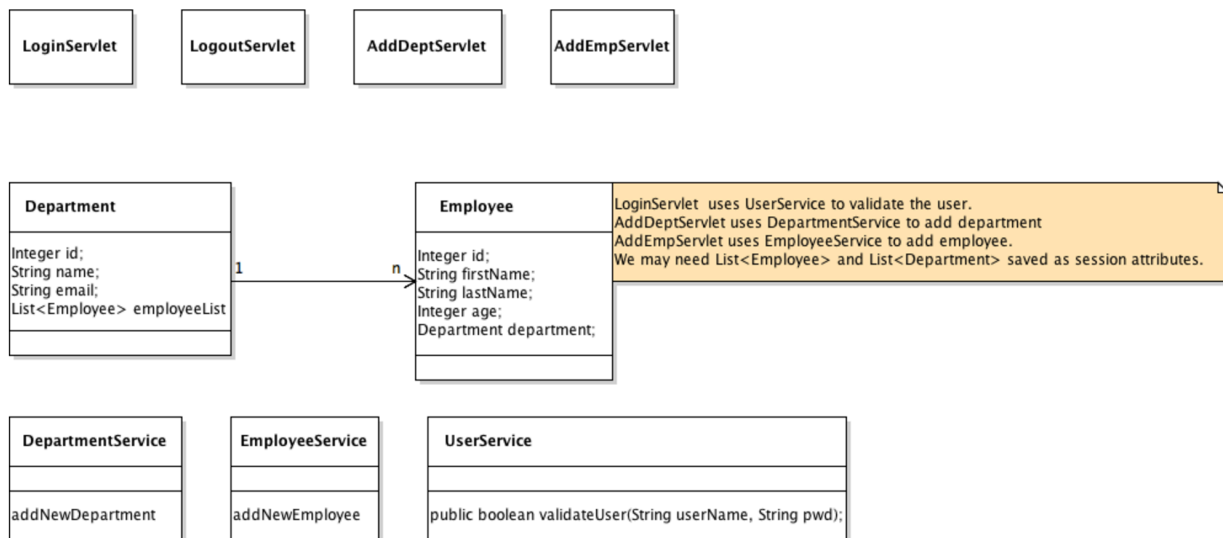
Task 3: Save Employee and Department into mysql database.

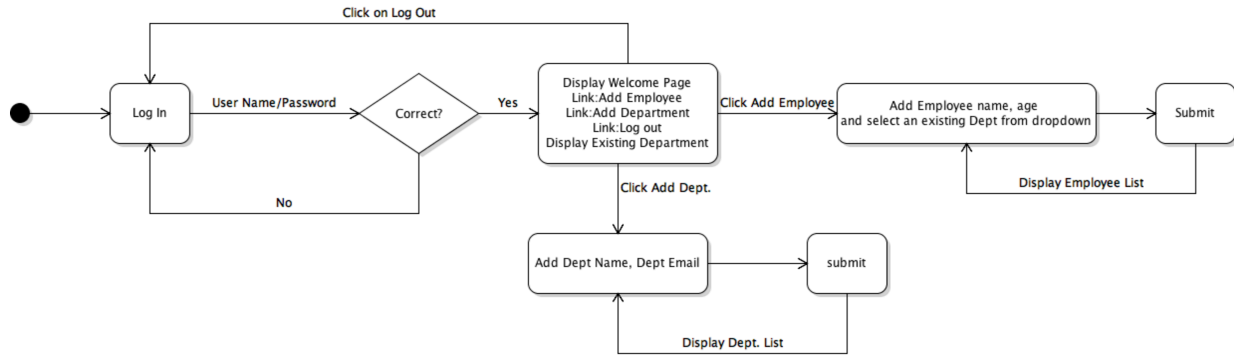
Task 4: Create/modify 'Department' and 'Employee' classes.

Task 5: Modify Servlets and Services classes. Using JDBC inside Service class to run prepared statements/statements to save/retrieve data.

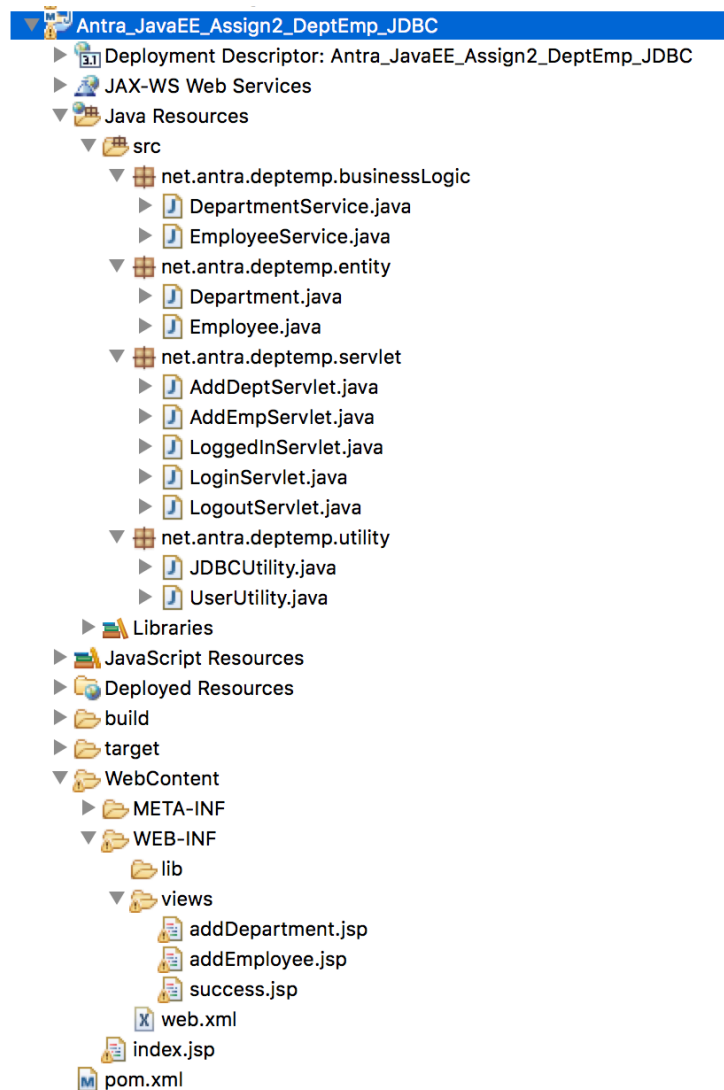
Task 6: Make sure the next time user come back, the data is getting from database instead of memory.

Strategy:





Display:



Login Page:

← → ↻ ⓘ localhost:8080/Antra_JavaEE_Assign2_DeptEmp_JDBC/ 🔍 ☆

Login

User Name:

Password:

Home Page:

← → ↻ ⓘ localhost:8080/Antra_JavaEE_Assign2_DeptEmp_JDB... 🔍 ☆

[Logout](#)

Welcome DONGYUE

Add Department

Add Employee

Existing Department List

Department ID	Department Name	Department Email	Employee
14	Hr	HR@gmail.com	Dawei Zhuang 1 Jek KI 11
19	asd	asd@fd.sd	JavaGuy help 1

Add new department page:



Logout

Welcome DONGYUE

Add New Department

Department Name:

Department Email:

Existing Department List

Department ID	Department Name	Department Email	Employee
14	Hr	HR@gmail.com	Dawei Zhuang 1 Jek KI 11
19	asd	asd@fd.sd	JavaGuy help 1
26	Sales	sales@antra.net	

Add new Employee Page:



Logout

Welcome DONGYUE

Add New Employee

First Name:

Last Name:

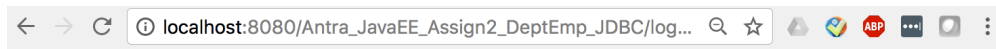
Age:

Department:

Existing Employee List

Employee ID	First Name	Last Name	Age	Department
1	Dawei	Zhuang	1	Hr
2	Jek	KI	11	Hr
3	JavaGuy	help	1	asd

Home Page:



Logout

Welcome DONGYUE

Add Department

Add Employee

Existing Department List

Department ID	Department Name	Department Email	Employee
14	Hr	HR@gmail.com	Dawei Zhuang 1 Jek KI 11
19	asd	asd@fd.sd	JavaGuy help 1
26	Sales	sales@antra.net	Emily Li 22