

## Class Detail

### Class *Employee*

package: **ProblemDomain**

```
public class Employee
```

Contains information on an employee within the system including username and passwords to log in, and basic employee information such as first and last name.

#### Field Summary

private <b>boolean</b>	<b>active</b> The active state of the employee.
private <b>int</b>	<b>empId</b> The ID number of the employee within the system.
private <b>String</b>	<b>fName</b> The first name of the employee.
private <b>String</b>	<b>lName</b> The last name of the employee.
private <b>JobType</b>	<b>lnkEmployeeType</b>
private <b>Notification</b>	<b>lnkNotification</b> Employees will receive and view notifications that are sent automatically, or manually sent by their supervisor.
private <b>PermissionSet</b>	<b>lnkPermissionLevel</b> All employees have an assigned permission set that determines employee-specific permissions within the system regarding what they can and can't access, as well as numerical values relating to time off.
private <b>Shift</b>	<b>lnkShift</b> Multiple employees can work the same shift, and an employee can work multiple shifts.
private <b>String</b>	<b>password</b> The password that the employee uses to log into the system.
private <b>PermissionSet</b>	<b>plevel</b> The current permission level of the employee, tied to a permission set.
private <b>String</b>	<b>username</b> The username that the employee uses to log into the system.

#### Method Summary

public <b>String</b>	<b>getAvailability()</b> Returns the current availability status of the employee.
public <b>String</b>	<b>getCredentials()</b> Returns the permissions of an employee, used to determine what they have access to within the system.
public <b>int</b>	<b>getDaysOff()</b>
public <b>void</b>	<b>getLoginTimes()</b> Returns the last several times at which the employee logged into the system.
public <b>Shift</b>	<b>getShifts()</b> Gets a collection of shifts that the employee is currently assigned to.
public <b>void</b>	<b>getViewTimes()</b> Returns the last several times at which the employee viewed their schedules, which can be used to verify that an employee is aware of and has seen any chances that may have occurred.
public <b>void</b>	<b>setDaysOff(int p0)</b>