

## Rational Project 2

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### Form checking and data validate

#### **Name:**

Allow A-Z, a-z and blank. But you cannot just input blank. Since name of employee sometime don't have the special character like (:), (-), (""). The length is restricted to 1-100 characters. Which prevent some Malicious name.

#### **Age:**

Allow numeric character and range is 1-99. Since our website is an employee management system, you can imagine that no employee older than 99 years old work for us.

#### **Gender:**

Drop-down menu includes "man", "woman", "other". The default gender is "man". But if you don't want to show your gender or you are some undefined gender, you can choose "other".

#### **Skill:**

Radio input includes Java, MySQL, HTML, PHP etc. The employees of company all have the strongest skill. It doesn't allow that one employee have more than one strongest skill.

#### **Rate:**

This is the rate of the employee which range is from 1 to 5.

#### **Check duplication:**

**If and only if all the data inputs are same, it will show "we already have this employee". Since the employee's name, age, skill, and others item will be same independently. But all the items are same, the users may be identified as same.**

### Search

The name area in search is case insensitive. But in avoiding duplicate, it is case sensitive.

#### **One search:**

You can choose one item to search, and left others blank.

#### **Multiple search:**

You can choose any item to search, and left others blank. The relationship is AND.

#### **Example:**

work: Tim man Java

Tim man

don't work: Tim woman Java

### WOW Features/Justifications

I added PHP functionality for highlighting of search terms CSS is search results.