**Design Doc of Grading System**

**1) Object Design Specification:**

For each class, I listed 3 essential points of our design:

**1.** purpose of the class

**2.** benefit of this class to the existing design

**3.** benefit of this class, if any to a future grading system

* **Assignment**

1. This class is used as the assignment for each class.
2. The class contains all the information relating with an assignment, such as assigned date, belonged criteria and the proportion, belonged course, name, sub-assignments if exist, parent assignment if exists, total points and the percentage grade for each student.
3. For the future, this class can be used anywhere an assignment is needed. People can extend the class to add some more attributes to the assignment.

* **Comment**
* **Config**
* **Course**
* **Credit**
* **Criteria**
* **Curve**
* **DatabaseDAO**
* **Date**
* **Email**
* **GradingSystem**
* **Id**
* **Name**
* **Password**
* **Percentage**
* **Semester**
* **Statistical**
* **Status**
* **Student**
* **Template**
* **Year**