**Documentation for Maps Used**

Pertaining to *EvaluationTypes* (these are modelled as **ENUMERATION**)

**FC**

**FA**

**PC**

**PA**

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Pertaining to a *CourseOffering*

Map<EvaluationTypes, Weights>

Example: <FC, <Final, 50>> or

FC 🡪 { <Final, 50>,

<Midterm, 30>,

<Project, 20>

}

FA 🡪 { <Final, 50>,

<Midterm, 40>,

<Project, 10>

}

PC 🡪 { <Final, 100>

}

PA 🡪 { <Final, 20>,

<Project, 80>

}

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Weights

Map<String, Double>

Example: <Final, 50> or

<Midterm, 30> or

<Project, 20> or

The String shows whether it is a Final, a Midterm etc. and the Double the weight of the corresponding entry e.g. the Final is worth 50%

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Pertaining to the StudentModel class

Map<CourseOffering, Marks>

Example: <CourseOffering, <Final, 34>>

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Marks

Map<String, Double>

Example: <Final, 34> (shows that the mark of the student for the final exam is 34%)

The courses, the Instructors, the Administrators, and the Students are indexed by their IDs. Each time a course or a user is created it is recorder in the Register class so we can check and not create twice.

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To get the class diagram created automatically for you as I have mentioned in class, (so you can use the class diagram on your SDD), you can use the **ObjectAid** tool.

To install it in Eclipse:

1. Go to Help menu
2. Install New Software
3. Add URL
4. <http://www.objectaid.com/update/current>