

 <p>SAN DIEGO STATE UNIVERSITY <i>Leadership Starts Here</i></p>	<p>SDSU presents a thesis defense for Master of Science degree in Computer Science</p>	<p>Thursday, September 27, 2012</p> <p>1:00pm GMCS 405</p>
---	---	--

Yunita

*A Flexible Test Interface and Grading Service
For an AJAX Based Course Management System*

Abstract

The aim of this project is to build a test interface and grading service module for ClassTA Course Management System (CMS). Most CMS has similar features in their test interface and grading module. However, most of them also shared common issues such as how to design a responsive yet easy to use test interface and grading service, how to minimizing the possibility of cheating, and how to enhance students' learning experience. The newly test interface and grading service are built with consideration to tackle the known issues above.

New test interface is develop for students to take the different types of available tests such as In-Class Test, Online Test, and Self-Graded Test. In-Class test is unique feature developed to minimize cheating possibility. It is a type of hybrid test where students take the test in the class and later on submit their answers online. To provide a better learning experience for students, it also has features that allowing students to check their grades, review test result and solution, and submit difficulty rating of a question in the test.

The grading service is built for faculties to provide an advance and flexible grading system. New statistics, histogram, and comments for survey and regular test also provided to help track the class's performance.

Thesis Committee

Subrata Bhattacharjee, Thesis Chair, Department of Mechanical Engineering
Carl Eckberg, Department of Computer Science
Kris Stewart, Department of Computer Science