Sandra Misic,

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Asigment #1

SEYS753 01

**Webassign.net**

URL: <http://www.webassign.net>

**Short description:** Webassign .net is powerful online tool that helps students and faculty exploring mathematics and science. This online software gives options of giving and automatic grading of assignments, tests, and homework. Also it gives password protected access to scores and easy ‘ask the teacher’ option for communication with the teacher.

**Describe the target audience for this software:** There is no limit to use of this software. Teacher decides context and what kind of questions will be asked.

**What is the purpose of the software?  How does it work?** Webassign is used by instructor to create assignments online. These are distributed to the class trough for example blackboard and students give answer in quiz. Answers are automatically graded and score is given to the student and the teacher directly.

**Describe the user interface.**  Is it easy or difficult to use?  Why or why not? This software is easy to use. Assignments are given by professor and are straight forward. It is clear if problem is right or wrong. It also have feature where is shows the student the previous answers.

**Technical requirements:** Webassign works Mozilla Firefox, version 12 or later, for Linux, Mac OS X, and Windows, Google Chrome, version 19 or later, for Windows or Mac, Microsoft Internet Explorer, version 8 or later, for Windows, Apple Safari, version 5.1 or later, for Mac OS X and Windows

Some WebAssign content and tools require the following browser plug-ins: Adobe Acrobat Reader, version 8 or later Adobe Flash Player, version 10 or later Adobe Shockwave Player, version 11 or later,Java, version 6 (build 1.6.0) or later

**What are the strengths of this software application?**

Benefits for students is that is easy to use, 24/7 available and password secure, automatic score and one click to ask the teacher.

Benefit for teacher variety of textbook and question types available for the assignment, automatic scoring and summary, and customized assignments available.

Easy print out the whole assignment with every answer displayed.

**What are the weaknesses of this software application?** It may happen that certain answer is not accepted by the browser for example the exponential can be written in different ways: 10E2 is accepted in Chrome while in Explorer 10\*\*2 is acceptable option for writing exponent. Students and teacher must be familiar with different options.

**Provide at least three examples of how you might use this in your science teaching**. I can use this as homework tool by giving my students questions and have them answer especially over the break.

I can create extra credit questions and have my students work on answers and supplement the lesson with extra knowledge.

This can also be used as preparation for the assessment and help my students test their knowledge previous the examination or regional testing in science.

**Include any tips for science teachers.** This is useful tool for assessing students. There are many available textbooks to use with this tool.

**Any other comments:** Make sure students know that textbooks bought through the webassign are borrowed. Once student loses the access to the class he/she loses access to the book too.