

SYSTEM REVIEW ASSIGNMENT
INTELLIGENT TUTORING SYSTEMS
PROFESSOR RYAN BAKER

For the system review, every student will select a notable intelligent tutoring system (from a list recommended by the professor, or your own choice approved by the professor). You will write a brief (5-8 page) paper describing the system, how it works (or worked), what pedagogies it supports, and how well it has worked with real learners.

After you post your review, your classmates (and I) will comment on your paper and ask questions, and you will lead a discussion of the topic in the discussion forum. You will also comment on other students' papers.

PART ONE: SIGN UP FOR AN INTELLIGENT TUTORING SYSTEM

DUE DATE: MONDAY, SEPTEMBER 14, 1159PM USA EASTERN TIME

Your first task is to sign up for an intelligent tutoring system that you will discuss. Use the sign-up sheet at this link

<https://docs.google.com/document/d/1eTd6PCwukcXbuRvUKjoeUQXlqspcpf41rJk-cpiwA4/edit>

One student per system, so if you want to be able to choose between many options, decide soon.

If you would like to review a different learning system than the ones on this list, that's totally fine. Please email Ryan to propose the system you would like to cover, with a paragraph on why it's an interesting system. As a note, it has to be a system used at some point by enough students to have some evidence on how well it works – systems where the total research output consists of a description of the architecture won't work well for this assignment. It also has to be a system with enough research-quality publications (even if unpublished white papers) to give you enough information to discuss it thoroughly (i.e. not just marketing materials).

PART TWO: WRITE YOUR PAPER

DUE DATE: DUE NOVEMBER 15, 715PM USA EASTERN

Write a brief (5-8 page) paper:

- Describe the system
- Discuss how widely it is or was used, and by who
- Discuss what contexts it was used in
- Describe how it functions (or functioned)
- Describe what pedagogies it supports
- Describe what (if anything) was interesting or historical about this system
- Describe how well it worked with real learners (both learning and other outcomes)

Your paper should be a reasonable font and font size (11-12 pages), single-spaced.

You should have a references section at the end (the references do not count as part of your 5-8 pages). Citations and references can be in any common format (APA or ACM are acceptable, for instance).

Please create a thread in Piazza within the folder dedicated to system reviews. Within that thread, please create a post which includes your paper.

PART THREE: RESPOND TO YOUR CLASSMATES' PAPERS

DUE DATE: DUE NOVEMBER 29, 715PM USA EASTERN

You are expected to provide at least two substantive comments several lines long on at least six other students' system reviews. Your comments should be targeted towards the content of the review (and the system it describes) rather than on the presentation or grammar or writing quality, etc. Your posts must offer a critical and meaningful perspective on the topic. (i.e. "AutoTutor is COOOOOL" is not sufficient, even if it is true).