

PROJECT
CS492 / MIS492
SENIOR SEMINAR

Assignment Description

This assignment involves research and writing for the Senior Seminar Course. It is designed to provide an opportunity for reviewing current research in an area of either Computer Science or Information Systems, and to enhance technical writing and presentation skills. The course goals are to:

- Learn about current research in some area of Computer Science or Information Systems
- Learn to use reference material in the library
- Learn to write a proposal and synopsis
- Learn to write a clear technical paper
- Learn to organize a technical presentation
- Learn to present technical material orally

Assignment Requirements

Each student will:

1. Select at least two related articles from recent (within the last 4 years) peer-reviewed journals or books within the field. These should be supplemented with other sources, such as magazine articles, books, textbook material, and internet research.
2. Write a one- or two-page proposal for your research assignment, including the topic you have selected, why you selected it, the sources you have found, and a synopsis of the paper you intend to write.
3. Write a paper describing the area of research, summarizing what you have found and the current status of the research in the field (based on the articles). The paper should meet the following criteria:
 - a. A minimum of 12 pages in length
 - b. Arial font (size 10, 11, or 12)
 - c. Double-spaced
 - d. 1st line of paragraphs indented ½ inch
 - e. Page margins 1 inch top and bottom, 1¼ inch left and right, with page numbers centered in the bottom margin
 - f. Separate title page including paper title, course number and name, student name, and date (not counted in paper length)
 - g. Bibliography on a separate last page (not counted in paper length)
4. Prepare a 10-15 minute presentation of the contents of the paper, to be presented to faculty and students at the end of the semester.
5. Attend and evaluate the papers and presentations of the other students in the class.

Assignment Schedule

The assignment has the following time allotments:

1. **Two weeks:** review articles, select a topic, and choose two primary articles
 Deliverables: copies of articles and rough draft of your proposal
2. **Two weeks:** find supplemental materials, prepare outline of paper, revise proposal
 Deliverables: copies of supplemental materials, outline, second draft of proposal
3. **Three weeks:** make final revisions to proposal and produce rough draft of paper
 Deliverables: final proposal and rough draft of paper
4. **Three weeks:** produce final draft of paper
 Deliverables: final draft of paper
5. **Two weeks:** prepare “roughed-out” presentation
 Deliverables: rough draft of presentation for instructor
6. **Two week:** polish presentation
 Deliverables: presentation to students and faculty

Journals

The TMU library is a valuable resource that you will need to make use of.

Note that your primary articles *must* come from CIS/MIS *peer-reviewed* journals.

This is a non-trivial, semester-long assignment. The earlier you start, the better. Do *not* fall behind on your assignment deadlines!