University at Buffalo, State University of New York

Spring 2016

CSE 534: Multimedia Systems

Project Planning Midterm Report Guidelines

1. Selection of Topics
   a. Your project will need to design a multimedia system with one topic in Chapters 2-5 to be combined with another topic in Chapters 6-10.
   b. One example of such combination: Investigation of entropy coding and the impact of transmission error on the entropy encoded multimedia data
   c. Another example will be: Investigation of motion estimation for video coding and error concealment technologies to recover lost motion vectors.

2. Literature Search:
   a. Search the Internet for papers in some related topics in multimedia systems that you plan to do your project
   b. Narrow your search to specific topics. You may look at the list of project topics from previous years for your reference (already posted in UBlearns)
   c. Download at least five papers related to this particular topic area

2. Literature Reading:
   a. Read all these (at least five) papers you downloaded from the Internet
   b. Select at least two papers for in-depth reading. This can be the major references for your course project
   c. Write a two-page report on the papers you selected (all papers need to be addressed, including the ones that were not selected for in-depth study.)
   d. The report should explain why you have selected such a topic and what you have learned from these five papers

3. Project Plan
   a. Based on the reference papers, especially the ones with in-depth review, draft a project plan (2-3 pages) with major steps and milestones
   b. Outline both hardware and software needs for your project and your plan to acquire equipment/knowledge of required hardware and software.
   c. You are welcome to discuss your project plan with Prof. Chen to make sure that your proposed project is adequate as a course project.

4. The midterm planning report is due on Tuesday, April 12, 2016 at 12:30pm via timberlake linux submission protocols.