

King Fahd University of Petroleum & Minerals
Information and Computer Science Department
ICS 490 - Special Topic (Multimedia Computing)
First Semester 1999 - 2000 (991)
Team Project

Objectives

Design and implement an interactive Internet multimedia application that incorporates: graphics, hypertext, audio, animation, and video.

Grading

The final grades will be based on the following weighting scheme.

Grade weighting

Task	Due Date	Weight
Requirement & Design Report	9 Nov	30%
Prototype Demo	23 Nov	20%
Project Submission and Presentation	7 Dec	50%

Team Project

Grades may not be the same for all project members. You should remember that your individual grade is greatly affected by the effectiveness of your entire team. This is to impress upon the individual student the importance of group communication and effective collaboration.

Deliverables

Requirement Document

Project Description of target system

Write a one page description of the project you are working on. We are looking both for a general overview and a preliminary decomposition of what you see as the main project features decomposition. Project description can be viewed as a preliminary attempt at a requirement document.

Target Users

Include the expected users.

Functional Requirement

Include the functional requirements of the application here.

Development Tools

Identify all the development tools.

Design Document

The design document is to be used by the development team to directly implement the prototype. It should identify clearly how the system will be implemented. Moreover, it should define system components, their intercommunication and interfaces. The document should also present what the user interface appearance will be or should define how the system will look.

Completing this document can be done in many flexible ways. It is the responsibility of the team to decide what information becomes part of this document.

Guidelines for the Final Presentation

Attendance is mandatory for all days of final presentations. Class participation in the discussion of all projects is strongly encouraged.

You are required to have your presentation prepared as an MS PowerPoint presentation.

You have spent a number of weeks working on your project and now it is time to summarize your goals and accomplishments for the semester. Each team will have 20 minutes for their final presentation. You should schedule 15 minutes of presentation and leave room for 5 minutes of discussion.

The team should determine who will be preparing and presenting the talk. Remember to consider this issue while you distributing and balancing the workload.

All material used in the final presentation should be available an electronic media.

Your presentation should include the following points.

- Introduce the team members, identify your team name and describe your project.
- Give an overall idea about the design, implementation and tools that have been used.
- Show the functionality of the system using a live demonstration.
- Identify future work.
- Discuss issues you think were most important in your experience.