King Fahd University of Petroleum & Minerals
College of Computer Science & Engineering

COE 444 - Internetwork Design and Management (T132)

Project Guidelines for the Response to the RFP:

"A Structured Data Network Design for ACC"

1 Schedule

The deadlines for different tasks are as follows:

	Tasks	Due date (in class)	Grade's weight
1	Progress report (requirement analysis and logical design)	April 23th, 2014 (wk 12)	25%
2	Final report - RFP Response: Network Design Document.	May 7th, 2014 (wk 14)	40%
3	Presentation	May 12th, 2014 (wk 15)	20%
4	Peer evaluation	May 12th, 2014 (wk 15)	15%

2 Progress Report

The progress report (**maximum 10 pages**) should include the following sections:

> - Introduction
> - Schedule (Tasks, Duration, Due dates, Deliverables, Responsibilities)
> - Design Requirements Analysis (including traffic analysis)
> - Logical Design
> - Description of unaccomplished work
> - Any issues or problems encountered
> - Conclusion

The main purpose of the progress report is to provide the instructor with enough information about your accomplished work so that he can give you feedback and judge the level of accomplished work.

The main parts of the progress report are the design requirement analysis (including traffic analysis) and the logical design.

For the traffic analysis part, you may show the details on how you do it for one building only, and then include a table that summarizes the final results for all the buildings (~ 1-2 pages). For the requirements analysis, you should include a table that shows all the

requirements and how they were met (~ 1-2 pages). The solution you propose in this table is part of the logical design as well.

For the logical design part, you should include the figure(s) showing your proposed design (~ 1-2 pages). In addition, you should include a section for all the items included in the logical design section of the RFP (Section 6) (~ 1-2 pages). [See also the sample grading scheme to see what needs to be included]

The unaccomplished work and problems encountered sections are optional. They are meant to be used if you need special help or feedback from the instructor.

3 Final Report

The final report should include the RFP response as described in the RFP.

4 Presentation

The presentation should not exceed 10 minutes.

The team may decide who will make the presentation.

Following the presentation, questions may be asked to any of the team members.

If a team member does not attend the day of the presentation, he will get 0 in the project presentation grade.

You should **not** talk about the general problem statement and general requirements that everyone in the class already knows about. You need to spend more time discussing **your proposed solution**, e.g., summary of your requirement analysis including traffic analysis, proposed logical design and features that map to these requirements, design alternatives, recommendations, summary of market survey, evaluation criteria, budget, etc. Look at section 6 of the RFP for more details of what are the relevant issues to address.

Send your presentation PPT file earlier to the instructor, and make sure it is installed on the computer before we start the class.

All students are expected to attend all presentations as they will run during regular class time, and attendance will be taken.

The presentation will be evaluated based on the following criteria:
- Technical content (accomplished work & design proposed) **(50%)**
- Team's ability to explain and answer questions (understanding) **(25%)**
- Quality of slides and organization of presentation **(20%)**
- Duration of presentation within 10 minutes **(5%)**

5   Peer Evaluation

The peer evaluation grade will be used to determine the level of participation (within a team) of each team member in the project. So, the grades of each student will depend on his level of participation in the team as well. However, if one team member does not participate at all in the project, he will get 0 in the whole project grade.

6   Late Submission Policy

All assignments (e.g., project reports) submitted after the due date will have a grade of 0.