IS & DB Project

Project – Final Submission & Presentation

Presentation:

Presentation Deadline: the **presentation should be given at the time scheduled** to your group during the last few weeks of term (see work scheme on Moodle for exact weeks). You will be given 10 minutes per presentation assuming a group of 4. (Larger groups will take proportionally longer.)

As regards the content of the presentation the following will be expected at a minimum:

- A brief introduction to scenario
- An overview of group UCD and a description and justification of the assigned priorities
- A description of core use case specifications
- An overview of the group ERD
- A demonstration of the completed ORACLE system with reports running
- A closing summary

You will be graded upon your presentation skills (and, obviously, content will have some relevance here). The marking sheet will appear on Moodle and you should be able to maximise the number of marks that you obtain by referring to this. **The grade for your presentation will be worth 10% of the final unit mark.**

Final Submission:

Final Submission Deadline: Monday 20/03/17 @ 13.00hrs
Hand in: Via Moodle AND the Coursework Receipting (printed using blue boxes).
Peer assessments should be produced in Piazza and sent privately to your tutor only.

The final submission of the project should include 3 separate parts. One final report handed in per group in the form of a Word document or alternatively a rich text format (.rtf) file. One SQL file (.sql) including scripts for both DB and queries should be handed in per group. One peer assessment should be submitted per student privately to their tutor via Piazza (use 'Post to' > 'individual students/instructors' and choose your tutor).

The final report should include:

- Title Page (which clearly identifies group members)
- Contents Page
- Executive summary (serves as introduction)
    - This should include a brief statement of purpose, background and a summary of the report as presented
- Part 1: Ray's Rentals' Management reports report
    - This is already graded but needs integrating into your report
- Part 2:
    - Prioritised group use case diagram (UCD) of the new system
    - Commentary explaining the decisions made when creating the UCD and a summary of what has been learned in the process
    - Use case specifications for the core use cases (one per student); each use case spec should include an entity relationship diagram (ERD)
    - Top-down ERD of the complete system

- - Completed RDAs of each of the two documents provided in the case study and a bottom up ERD of the merged RDAs
    - Finalised group ERD covering the complete system
    - Commentary explaining the decisions made when creating the group ERD and a summary of what has been learned in the process
- Part 3:
    - Amended group ERD that has been altered for implementation (if amendments were necessary)
    - Data Dictionary describing each table and attribute to be included in the database
    - ORACLE script file (can appear in an appendix if you wish)
    - Copy of the output produced when ORACLE script is run. The output produced should be submitted in the form of **screenshots** (placed in a word or rtf file with the rest of your report, and) presented appropriately with headings. This output should show the actual script running for all CREATE, DROP and INSERT statements; as well as for queries, i.e. the reports produced from your SELECT statements. This can appear in an appendix if you wish.
    - Reflection explaining what has been learnt (from each student)
- Project Conclusion
    - Here each student should describe what they have learnt about systems development as a result of completing the assignment
- References
    - Include all references here (even those from Part 1)
- Appendices
    - Appendix A: Log book
        - To include:
            - entries for each part documenting the initial work allocation, and progress; that is four 'notes' and associated 'follow ups', one 'note' for each part of the assignment including one for this part (e.g. covering presentation work and final report compilation)
            - all posts should have a date that matches note history on Piazza and include work allocation for each group member
            - **all steps should involve all students (some steps might only involve students checking work)**
            - any absences should be noted (were group forewarned? what was done to keep in communication with absent group member, and ensure he/she could continue to contribute?)
            - any work allocated but not completed should have been noted
    - Appendix B: Presentation slides
    - Plus any other extra material in further separate appendices

The peer assessment should include:

Assessment of each member of the group, in terms of percentage contribution to project (not including Part 1 which has already been assessed). Send to your tutor privately. This is often equal between students, so any large differences in percentage allocations will need to be justified by one or two sentences (tutors can check log book for details).

The final report will be worth 45% of your final unit mark. For the final report the marks will be split as follows: UCM (UCD and use case specifications) 15%, ERD & RDAs (normalisation of two documents) 20%, SQL & DB Queries (including data dictionary) 35%, log book 20%, executive summary, conclusion and commentaries 10%. Any deficiencies regarding the rest of the project (as

specified above) will lead to an appropriate deduction in grade. If students in a group do not contribute equally to the project, the grade will be divided between students according to peer assessments, as well as your tutor's assessment of the log book evidence.

Guidance Notes:

Don't forget to consolidate the report. Your old introductions may serve as introductions to each section, but you should produce a new introduction for the whole report. Also, don't forget to hand it in twice: once via Moodle and once, in printed form, via the blue boxes.