

Advanced Database Project Report Guidelines

Please produce a brief document (6-9 pages) describing

1. Project topic, your names and student numbers
2. Objective of your project
3. Which problem you are solving in this project?
4. Simple architecture description: the main modules shown on a page
5. A proposed example that explains how your project would be utilized using a real life scenario.
6. A user's view of what happens, e.g., "I type in this SQL query, I get back results" (but more detail than this - tailored to your chosen example).
7. A DBA's view of what you do to set it up, e.g., "Make this dictionary, or taxonomy in ORACLE/MYSQL, converting the schema of each relation into a uniform table..."
8. A system view of what happens, e.g., "The user types in an SQL query, and it is translated/enhanced/reformulated ... resulting in the following message flow, and the following result"
9. Describe your design
 - i. Ideal case is to use UML diagram (class/usecase) or ER diagram to show your components
10. Describe your implementation
 - i. How did you implement it? Which OS, database, server side programming language, technologies you have used (xpath, regular expression, XSLT...). Also, make proper documentation of your code i.e. what each line of code or each method is doing.
11. Describe your demo, take some snapshots of each step of your demo and explain them what happens in that stage or page.
12. Describe your experience - what proved difficult, what was easy, what you would do differently...
13. Evaluate your system in terms of what is missing, where you would like to go...
14. Who has done what portion of the project in your team?