5102COMP

Database Systems

CourseWork 01 - Glyn’s Do’s & Don’ts

*Firstly, this is a work in progress; it may thusly be updated over the next few*

*days. Secondly, it lists only common issues of best practice along with*

*common issues of worst practice; it is thusly not a definitive guide.*

1. Don’t change the specification, trust me, it is 100% implementable !
2. Don’t submit a zip file *of* \*.sql files, the cwck explicitly asks *for* a single \*.docx & a single \*.java file.
3. Do employ consistent naming conventions (i.e. UPPERcase keywords & \_ object names).
4. Do use escape characters (`) when an object has a contentious name.
5. Do fully declare constraints at the table level (i.e. CONSTRAINT <name> <type> etc.) against sloppily declaring constraints at column level.
6. Do employ secondary indices where appropriate (e.g. FKs).
7. Don’t omit the list *of* columns in an INSERT statement.
8. Do ensure the TRIGGER captures enough data to be admissible as evidence.
9. Don’t ignore the JDBC components *of* the cwck. I am giving away easy marks there !
10. Don’t nick the code from DBSyS\_Lab\_07.zip, they do differing things.