

# Peer Review Template for

## 4D2a/4CSLL1/CS3041 (incl Business & Computing) Coursework 2010/2011

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### PROJECT 2

PLEASE STATE the Title and Student Name for the project being reviewed	<b>Title:</b> Pokemon Kanto Region Database <b>Student Name:</b> N/A <b>Student Number:</b> 16339490
Q1. Is the Functional Dependency Diagram correct (describe errors if any)?	Mostly yes, but in some cases the user states that X functionally determines Y and Y functionally determines X which is not possible. Also 'Species Type' does not have any functional dependencies defined for it.
Q2: Are the tables defined in the project in Boyce Codd Normal Form?	If the functional dependency diagram was to be changed to account for this incorrect symmetric dependencies then the tables would be in BCNF.
Q3. Are the Create Table commands given in the appendix consistent with the tables defined in the Functional Dependency Diagram?	Yes, the create table commands are consistent with the functional dependency diagrams. All attributes are accounted for and all foreign keys are referenced correctly.
Q4. Are the table constraints given for the project appropriate for the intended application?	Yes, the user has stated strong and appropriate constraints within each table when defining their database schema.
Q5. Is the Trigger Command correctly specified?	Yes, all of the triggers stated in the support are created using the correct trigger commands.
Q6. What are the 'innovative features' of the project in your opinion?	The user makes excellent use of security when defining their database. Roles and propagation are used really well in the examples given. The user also makes excellent use of the ENUM data type which I was not aware of before examining this project.
Q7. In your opinion are there any weaknesses in the project ?	The only weakness that came to my attention was the functional dependencies issue stated above. Other than that I felt the project was designed quite well and I thought it was a unique and interesting subject to model a database on.

