Peer Review Template for
4D2a/4CSLL1/CS3041 *(incl Business & Computing)*   Coursework 2010/2011

PROJECT 1

PLEASE STATE the Title and Student Name for the project being reviewed	**Title:** Overwatch World Cup **Student Name:** N/A **Student Number:** 16320343
Q1. Is the Functional Dependency Diagram correct (describe errors if any)?	Yes, the functional dependency diagram is correct. All non-key attributes are functionally determined by the primary key.
Q2: Are the tables defined in the project in Boyce Codd Normal Form?	Yes, the tables satisfy the criteria for 1NF, 2NF, 3NF and 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?	Some of the constraints are appropriate, making good use of DEFAULT and NOT NULL. However, in some tables the primary key 'ID' is created using a VARCHAR type which is not ideal for referencing numbered IDs.
Q5. Is the Trigger Command correctly specified?	No, the trigger specified in the report is actually a database function and not a trigger.
Q6. What are the 'innovative features' of the project in your opinion?	The user makes quite good use of views and the database function to determine a winner of a match is very useful. This could have been used within a trigger after a result had been entered.
Q7. In your opinion are there any weaknesses in the project ?	The foreign keys don't protect against referential integrity violation. The user could have implemented CASCADE or SET DEFAULT.