1. Write and test a set of TSQL procedures and functions that encapsulate and execute queries in a suitable sequence of UPDATE, INSERT, DELETE or SELECT TSQL statements that implement each of the CRUD requirements as specified and identified in Assignment 1. and as follows. For each include a set of relevant test data. LO1

Additional marks deducted for errors and work that is missing.

1. Player login, including lock out. [4]

2. Player registration,[4]

3. Laying out tiles on a game board. [4]

4. Placing an item on a tile. [4]

5. Player game play movement, i.e., moving a player to a “legal” tile. [4]

6. Game play scoring. How do players gain and lose points? [4]

7. Player game play acquiring inventory, e.g., picking up items off a tile and putting them in an inventory (bag?) [4]

8. Move an Item (NPC effect). [4]

9. Kill running games. [4]

10. Add new players. [4]

11. Update data of a player. [4]

12. Delete a player. [4]

(48 marks)

**Mark Rubric:**

表格

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1. A TSQL procedure encapsulates the code
2. The SQL statements encapsulated in the procedure produce the correct result set and they run without errors
3. A call to the SQL procedure has been included in the SQL script that is handed in and the call runs without errors
4. The TSQL procedure has the correct parameters, and those have been tested in the call.