DATABASE I - ASSIGNMENT 3

Summer 2023

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1 Justifications on Part A

1.1 A.a

Write an SQL statement to show the LastName, FirstName, and CellPhone for the employees who have worked on a property in Redmond. Remove duplicate rows in the result.

Figure 1: A.a - Workers who have worked on a property in Redmond.

1.2 A.b

Write an SQL statement to show the LastName, FirstName, CellPhone, and total hours worked for each employee who has worked on at least one property and sort the result by the total hours worked in the ascending order. Give an appropriate column name to the computed results.

Figure 2: A.b - Total hours worked in ascendir order.

1.3 A.c

Write SQL statements to delete the employee with the cellphone number 206-254-1234. Assume that ON DELETE NO ACTION is used in the PROPERTY_SERVICE table for the foreign key EmployeeID, so you need to delete the related rows in the PROPERTY_SERVICE table first. Use BEGIN TRAN and ROLLBACK properly.
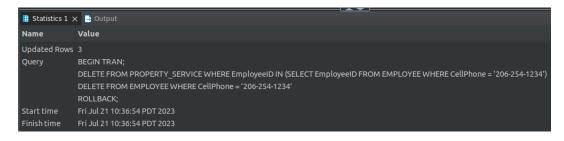

Figure 3: A.c - Deletion of employee with cellphone number 206-254-1234.