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| **Project: New Haven Urgent Care Team# 18** | |
|  | **Test Date: 12/11/2018** |
| **Test Case ID#:** 12 | **Name(s) of Tester(s):** Yiping Ren, Zhenyu Fan |
| **Test Description (What are you testing? – you must be specific):**  Does every department have at least one employee assigned to it? Is there a way to ensure this?    -- Here we try to get the number of employees that a department has, by grouping by department id. If the outputs are all larger than 1, then the system works well. |  |
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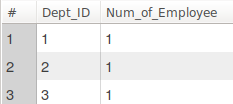
**NOTE: The following information must be provided to be given credit for any test.**

**Test Data (Provide the file name of the script used to insert data, provide a screen capture to reflect data, or provide script here):**

Filename: test12.sql

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| SET SQL\_SAFE\_UPDATES = 0; |
|  | set foreign\_key\_checks=0; |
|  | DELETE FROM Department; |
|  | DELETE FROM Employee; |
|  | INSERT INTO Department (Dept\_ID) VALUES (1); |
|  | INSERT INTO Department (Dept\_ID) VALUES (2); |
|  | INSERT INTO Department (Dept\_ID) VALUES (3); |
|  | INSERT INTO Employee (Employee\_ID, Name, Dept\_ID) VALUES (1, 'Ryan Gosling', 1); |
|  | INSERT INTO Employee (Employee\_ID, Name, Dept\_ID) VALUES (2, 'Emma Stone', 2); |
|  | INSERT INTO Employee (Employee\_ID, Name, Dept\_ID) VALUES (3, 'Andrew Garfield', 3); |

Reflect data

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**SQL Query(s) used for testing:**

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| SELECT Department.Dept\_ID, COUNT(\*) AS Num\_of\_Employee |
|  | FROM Department JOIN Employee ON |
|  | Department.Dept\_ID = Employee.Dept\_ID |
|  | GROUP BY Department.Dept\_ID; |
|  | SET foreign\_key\_checks=1; |
|  | SET SQL\_SAFE\_UPDATES = 1; |