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| **Project: New Haven Urgent Care Team# 9** | |
|  | **Test Date: 12/09** |
| **Test Case ID#: 9** | **Name(s) of Tester(s): Avleen Kaur** |
| **Test Description (What are you testing? – you must be specific):**   * Does the system let us create a visit without having an intake clerk to document insurance information? * Does the system document which intake clerk processed the insurance information for the visit? * Does the system ensure that only one intake clerk can document insurance information for the visit? |  |
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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):**

**/\*** Insert a patient \*/

INSERT INTO Patient(PId, FName, LName, House\_number, Street, City, State, Zip, Day, Month, Year, Has\_insurance)  
VALUES (1, 'Avleen', 'Kaur', 374, 'Delaware', 'Minneapolis', 'MN', 55414, 28, 9, 1998, 'YES');

/\* Insert a department \*/

INSERT INTO Department(Id, Name)

VALUES (1, 'Ophthalmology');

/\* Insert an employee to be used as service provider \*/

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES (1, 1234567899, 'John', 'Man', 'Doe', 1);

/\* Insert an employee to be used as an intake clerk \*/

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES (2, 182347628, 'Jane', 'Woman', 'Doe', 1);

/\* Insert an employee to be used as an intake clerk \*/

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES (3, 182397628, 'William', 'Ben', 'Franklin', 1);

/\* Insert a service provider \*/

INSERT INTO ServiceProvider(EId, SId)

VALUES (1, 1);

/\* Insert a doctor \*/

INSERT INTO Doctor(EId)

VALUES (1);

/\* Insert an intake clerk \*/

INSERT INTO IntakeClerk(EId)

VALUES (2);

/\* Insert an intake clerk \*/

INSERT INTO IntakeClerk(EId)

VALUES (3);

/\* Insert a visit \*/

INSERT INTO Visit(VId, In\_time, Out\_time, Day, Month, Year, PId, Intake\_EId, Service\_EId)

VALUES (1, '09:10:00', '11:15:00', 9, 12, 2019, 1, 2, 1);

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

/\* Insert a visit without an intake clerk \*/

/\* PASS: This query fails because we shouldn’t be able to create a visit without an intake clerk associated with to to document the insurance information for the patient \*/

INSERT INTO Visit(VId, In\_time, Out\_time, Day, Month, Year, PId, Service\_EId)

VALUES (1, '09:10:00', '11:15:00', 9, 12, 2019, 1, 1);

/\* Retrieve intake clerk’s information \*/

/\* PASS: We can retrieve information of the intake clerk who documented insurance information for a patient \*/

SELECT \*

FROM Employee, Visit

WHERE PId = 1 AND Employee.EId = Visit.Intake\_EId;

/\* Retrieve intake clerk’s information \*/

/\* PASS: We can retrieve information of the intake clerk who documented insurance information for a visit. Same as the last query, but does it based on visit id instead of patient id \*/

SELECT \*

FROM Employee, Visit

WHERE VId = 1 AND Employee.EId = Visit.Intake\_EId;

/\* Insert another intake clerk for the same visit \*/

/\* PASS: This query fails because only one intake clerk can be associated with one visit to document the insurance information \*/

INSERT INTO Visit(VId, In\_time, Out\_time, Day, Month, Year, PId, Intake\_EId, Service\_EId)

VALUES (1, '09:10:00', '11:15:00', 9, 12, 2019, 1, 3, 1);