

CSCI 3410 Database Final Project Assessment

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Project Type:	Car Shop
Date:	5/4/2019
Grade:	100

Overall Feedback

A car that turns itself off without warning sounds like a horrible problem to have. You populated your car shop with very realistic data which is important for proper test cases. People can surprise you with their usage of a system so using real data is important to test as closely as a production system will be like. Interesting you found the DBCC CHECKIDENT procedure. DBCC has some great tools to help me maintain database health. Great job on this!

Grading Rubric

Requirement	Points	Earned	Comments
Script runs once and creates all required objects, inserts all data, and executes all stored procedures (req. 7)	20	20	Entire script runs as a whole without errors and uses assigned schema.
All required number of tables created without errors (req. 3)	20	20	7 tables created, default constraint CarRepairHistory.RepairedOn, columns use NULL or NOT NULL, no islands
All tables have primary keys (req. 3)	5	5	All 7 tables have a PK
All integer based primary keys use the IDENTITY property (req. 3)	5	5	All tables with integer PKs use identity with valid parameters
Includes the many-to-many relationship (req. 3.d)	10	10	You have at least one M2M linking table CarRepairHistory.
Inserted at least 5 records in each table (req. 4)	10	10	All tables have at least 5 records
Child tables use the identity function or global variable to reference the parent's identity (req. 4)	10	10	Good use of local variables to assign SCOPE_IDENTITY() to be reused later in the script.
Created a functioning Update Stored Procedure (req. 5)	10	10	sp_updateModel accepts a certain model and updates based on the CarID = 2. While this does update a specific record for the final, a better proc would accept @CarID so you can change the model on any car.
Created a functioning Deletion Stored Procedure (req. 6)	10	10	sp_deleteRecord accepts @carpartid and then removes that from the CarPart table. Watch out on defaults here since someone could accidentally run without an argument and it will remove carpartid 2
Bonuses	Points	Earned	Comments
CHECK constraint (req. 8a)	1	-	
10 tables (req. 8.b)	3	-	
Third Stored Procedure (req. 8.c)	5	-	
Total Points	Points	Earned	Comments
	109	100	Great job!

