**CSCE 315 Assignment 2 Development Log**

**Team Information:**

**Team Leader:** Michael Stephens

**Team Members:** Anish Ali, Clifton Rapier, Michael Stephens, Nathan Kocmoud

**Lab Number:** 501

02/24/14

Anish, Michael, Clifton, Nathan

- Finished all Application requirements and functions

Michael

- Continued work on Design Doc

Clifton

- Modified Relations to not allow duplicate keys

Nathan

- Added feature to show only a specific tuple

02/23/14

Nathan

- Added uniqueness when adding a customer, car or salesperson

- Added loops to menus and redesigned for simpler flow

Michael

- Worked on Design Doc

Anish

- Worked on functions

02/22/14

Anish

- Fixed bugs

- Worked on customers and salesperson

Nathan

- Reorganized menu and restyled it

02/21/14

Anish

- Worked on open\_relation, close\_file, exit, show\_customer, etc.

Michael

- Worked on Design Doc

02/20/14

Anish

- Added a Dealership class

Clifton

- Fixed

02/17/14

Clifton

- Finished parse\_insert from a relation, parse\_delete, parse\_update, parse\_open,

parse\_close, and parse\_write

- Finished unit test

Anish, Clifton

- Debugged

02/15/14

Clifton

- Conditions can now be created from tokens and should support complex and recursive conditions, evaluation for atomic expression (also recursive) is done except for error handling

02/14/14

Anish

- Worked on and finished initial create and insert parsing

02/13/14

Michael, Anish

- Began work on parsing some commands

Clifton

- Started working on the parser setup, fixed a tokenizer bug, made conditionals able to be recursive, added lots of comments, and started working on parsing atomic expressions recursively

02/12/14

Nathan

- Added some error checking

Clifton

- Fixed the remainder of functions to actually work and provided test in the unittest1.cpp

02/11/14

Michael

- Moved operators out of the headers

Clifton

- Clean up classes and started fixing some issues and added error checking class

02/10/14

Nathan

- Finished set union and set difference

Anish

- Finished natural join

Michael

- Refactored code to separate operators, worked refining certain functions

Clifton

- Created the database structure

- Worked on many of the fundamental functions of the database

- Created a condition class

02/08/14

Nathan

- Added an operator for the set union of relations (needs to be thoroughly tested though)

Anish

- Built basic implementations of tuples, relations, attributes and cells

- Added the cross product function of two relations

Michael

- Refactored code to separate .cpp files and headers that compiled correctly

Clifton

- Worked on the parser and helped in the refactoring

02/03/14

Anish, Clifton, Michael, Nathan

- Made various design decisions

- Finished first draft design document

01/30/14

Anish, Clifton, Michael, Nathan

- Decided on application (Car Dealership)

- Worked on design document