**Project 2 report**

Mohamed el sayed abdel rehim 4055

Ramzy Bassem ramzy 4287

Shaheer Wagih Mehany 4002

Mark Makram Matta 3991

This project was created using STAX parser because it does not need to load the whole file in the memory and we can read and write using this parser unlike the other parsers

The DOM loads the whole file in the memory and for each byte of the file it uses 10 bytes which is terribly consuming

The SAX parser have to iterate allover the file until the very end while in STAX can control the number of iterations

DESIGN :

We started by the Parser class to be able to parse and use the xml and xsd files

Then the SQL class to deal with SQL statements with MyDatabase class taking queries from user and excuting them with the parser class

LABOUR DIVISION :

Mohamed Elsayed & Ramzy Bassem : parser – SQL – JDBC – Mydatabase

Shaheer Wagih & Mark Makram : user input - SQL Statements- main

