**Assignment3(XmlDBMS)**

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**User guide :**

We support formal SQL syntax

You can create database with : create database xxx

You can create table with : create table xxx

You can drop database with : drop database xxx

You can drop table with : drop table xxx

You can insert data in table with : insert into tablename (col1,col2,col3) Values (val1,val2,val3)

You can select data with : select \* from table name

You can use Limit or oder by ot where with select

You can delete from table with : delete from tablename

And you can use where with that too

You can use SHOW TABLES; to show the tables of the existing database

You can use DESCRIBE tablename to see details of the database

You can use USE databasename to use a database

You can update data with : UPDATE tablename SET x = y and you can use where here too

Assumtion :

We assumed that Our database will not handle charcter escape.

We assumed that the database name and column name can't have spaces

Desicion :

We decide to work with finite state machine to present our parser

We decide to devide the work between team mates and make one of us be a buffer between us

UML :



