With the increasing usage of NoSQL databases in many applications, there is a tendency that existing data stored in RDB to be converted into NoSQL structure.  Since there are several families of NoSQL Database (key value, column, document, graph), the mapping of RDB Schema to NoSQL Database schema is not straight forward.  Different family of NoSQL database will treat constraints in RDB differently.  The outcome of this thesis is to propose mapping rules of RDB to NoSQL database schema.

In addition, once the mapping rules are established, the research can also be extended by proposing the query rewriting of SQL in RDB into NoSQL queries.