Outlines for Final Report

Considerations

* User objects provide getter and setter accessor method.

Technologies

* Java 8
* Derby 10.13.1.1
* SQL Parser possibly (undetermined)

Approach

Talk about the approach selected for the project (using Derby to get the execution plan, so we do not to spend time developing a sql parser into relation algebra operations)

Decision Design

We are using Map<String, Object> as a data structure for simulating temporal tables. We were evaluation the idea of creating dynamically temporal classes in memory using ByteBuddy, but we found problems in some algebra operations such as Cartesian product.

We provide our own query execution plan and its correspondent parser, so we can change Derby for any other database engine.

Include classes’ diagram??

Include activity diagram

User Manual

Include a section showing how to use the project providing maybe some screenshots of queries examples and the result.

Conclusion