

## Software Architecture

### Assignment 2: Service development

Develop the data access layer as a reusable service. The service should not receive a query. Instead, it should receive required parameters and build the query, accordingly.

The service should be able to execute Select, Insert, Delete and Update commands. The parameters it should receive would include the table name and a set of conditions. Each condition can consist of three parts, i.e.; field name, operator and value (for example: 'Name', '=', 'Ali')

The developed service is supposed to be able to handle simple queries having the following format:  
Select \* from *TableName* Where Cond1 and Cond2 and ...

Handling more advanced queries will receive extra points.