

## Assignment 4: Neo4j Cluster Application

### Objective

To implement the knowledge and skills in programming graph databases.

### Tasks

At the address <https://neo4j.com/graphgist/software-development-process-model-2> you will find a Neo4j project related to software development methodology.

You can reuse the demonstrated solution or parts of it to create your own application, which will consist of:

- a cluster of minimum three Neo4j servers and two replicas
- a software development methodology graph database
- client application, which retrieves information from the database

You should create at least as many queries as is the doubled size of your group. Some of the queries should provide statistical information, while others must apply algorithms for traversing graphs, such as similarity, centrality, pathfinding, etc.

You can choose the programming language of your application.

The solution of this assignment or a link to it has to be submitted in Peergrade, where you will also be asked to provide feedback to another project.

Both your solution and the feedback bring together 20 study points.