

Functional Programming

Project Title Functional Programming

Group Name: Group 11

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About the Project

■ Your Specific Contribution:

- Merging of all different business classes
- Creation of a logging method
- Creation of the project's documentation

■ Methodology or Approach:

- Division of workload in 4 different parts:
 - 3 business classes
 - main class with utils classes

Challenges and Learning

■ Challenges Faced and Their Resolutions:

- 1) Difficult setup of the different instances needed (Neo4j, Neo4j Enterprise, Neo4j Atlas)
- Resolution: Use local instances
- 2) Lack of time, too little time to develop the project
- 3) Medium-sized project
- Resolution: Divide the workload in 4 different parts, each person could work individually

■ Learning Gained:

- Application of Scala's currying principle in the project
- Understanding of Neo4j associations
- First time on dealing with Big Data

■ Future Improvements:

- Pre-setup of all database instances before development