**Introduction**

This document is relative with Neo4j program about timetable of GMIT. It can describe all relationship like courses, room, tutors and others.

**What to store**

This graph contains courses, room and tutors. Each of them have relationship with other

**About Noe4j**

**Neo4j** is a [graph database](https://en.wikipedia.org/wiki/Graph_database) management system developed by Neo Technology, Inc. Described by its developers as an [ACID](https://en.wikipedia.org/wiki/ACID)-compliant transactional database with native graph storage and processing,[[3]](https://en.wikipedia.org/wiki/Neo4j#cite_note-product-details-3)Neo4j is the most popular graph database according to db-engines.com.[[4]](https://en.wikipedia.org/wiki/Neo4j#cite_note-DB-Engines-4)

Neo4j is available in a [GPL3](https://en.wikipedia.org/wiki/GNU_General_Public_License)-licensed [open-source](https://en.wikipedia.org/wiki/Open-source_software) "community edition", with [online backup](https://en.wikipedia.org/wiki/Remote_backup_service) and [high availability](https://en.wikipedia.org/wiki/High_availability) extensions licensed under the terms of the [Affero General Public License](https://en.wikipedia.org/wiki/Affero_General_Public_License). Neo also licenses Neo4j with these extensions under closed-source commercial terms.[[5]](https://en.wikipedia.org/wiki/Neo4j#cite_note-LICENSE-5)

Neo4j is implemented in [Java](https://en.wikipedia.org/wiki/Java_(programming_language)) and accessible from software written in other languages using the [Cypher Query Language](https://en.wikipedia.org/wiki/Cypher_Query_Language) through a transactional HTTP endpoint, or through the binary 'bolt' protocol.

**How to store**