# Project Proposal:

This is the final project for the Programming Patterns class at Vanier College.



## Online Quiz Management System

The Online Quiz Management System (OQMS) is a small-scale application where teachers create, edit and remove topics and add and remove quizzes and tests. They can also manage students, grade their tests and see their grades. Students will be to take optional quizzes to practice for a test at the end of a Topic.

## Requirements:

The application provides different services based on the user type (Teacher or Student)

1. Teacher

    1. Add, edit and remove topics.
    2. Add, edit and remove quizzes and tests for each topic.
    3. Add, edit and remove questions from quizzes and tests.
    4. Add, edit and remove students from groups.
    5. Review and Grade the tests
    6. View the grade of each individual student.
    7. View the grade of an entire topic.
2. Student

    1. Take quizzes repeatedly.
    2. Take tests once they are ready.
    3. Check their grades.
    4. Check the average for their group.
3. The quizzes are:

    1. optional and their main purpose is practice.
    2. comprised of multiple-choice questions and true or false questions
    3. are graded automatically so that the student knows how well they did and they can always retake them to do better
4. The tests are:

1. required for the student to complete.
2. only taken once and they are timed.
3. reviewed and graded by the teacher.

## How to use

Download the project and open the FinalProject folder in your ***favorite*** IDE, then run the main file.
Or download the jar file and run it?