

Assessment Problem

Develop an application that allows a lecturer to create different modes of assessment for their module. The application should allow for both Projects and Tests where Tests can be traditional written tests or Moodle Tests.

All Assessments have:

- A name i.e. OOP project
- A type i.e. Continuous Assessment, formative assessment, terminal exam
- A weighting i.e. how much of the final grade the assessment is worth

All Projects have:

- A name i.e. OOP project
- A type i.e. Continuous Assessment, formative assessment, terminal exam
- A weighting i.e. how much of the final grade the assessment is worth
- A deadline

All Tests have:

- A name i.e. OOP project
- A type i.e. Continuous Assessment, formative assessment, terminal exam
- A weighting i.e. how much of the final grade the assessment is worth
- A number of questions
- A duration

All Moodle Tests have:

- A name i.e. OOP project
- A type i.e. Continuous Assessment, formative assessment, terminal exam
- A weighting i.e. how much of the final grade the assessment is worth
- A number of questions
- A duration
- An open date
- A closed date
- A password