Requirements – Student #1

Please, fill in the following form, save this document, and attach it to every deliverable. Attaching this document entails that you are the author of the work delivered, you have not cheated in any way, and you have read and understood the information delivered regarding the subject, with a special emphasis on the methodological guidelines and how your work is going to be graded. Make sure that your project works well with the latest version of the development framework.

Group: L3-D01

Repository: https://github.com/adrrf/acme-life-long-learning

Student #1

ID: 80103831Y
UVUS: manvazmar3
Name: Vázquez Martín, Manuel
Roles: Developer, Tester

Date: Sevilla a 16 de marzo de 2023

Evaluation report

NOTE: this form is intended to help you compute your grades. Note that the form assumes that you have correctly fulfilled the mandatory requirements; otherwise, your maximum grade shall be 4.0 points. Please, tick the requirements that you have fulfilled with an "X" and leave the others blank.

WARNING: bear in mind that this form is experimental. Check the evaluation and grading procedures in the syllabus since they rule if this form fails.

Recompute grades

Deliverable	# Statemented requirements	# Fulfilled requirements	# Unfulfilled requirements	Grade
D01	3	3	0	10,0
D02	7	7	0	10,0
D03	8	8	0	10,0
D04	5	4	1	8,0
Individual grade: 0.25 * D01 + 0.25 * D02 + 0.25 * D03 + 0.25 * D04 =				9,5

Grader's comments:

Deliverable D01: introduction

Information requirements

Intentionally blank.

Functional requirements

1) **[MANDATORY]** Modify the anonymous menu so that it shows an option that takes the browser to the home page of your favourite web site. The title must read as follows: "⟨id-number⟩: ⟨surname⟩, ⟨name⟩", where "⟨id-number⟩" denotes your DNI, NIE, or passport number, "⟨surname⟩" denotes your surname/s, and "⟨name⟩" denotes your name/s.

X

Non-functional requirements

Intentionally blank.

Testing requirements

Intentionally blank.

Managerial requirements

2) Produce an analysis report.

X

3) Produce a planning report.

X

Deliverable D02: data models

Information requirements

4) There is a new project-specific role called lecturer, which has the following profile data: alma mater (not blank, shorter than 76 characters), a résumé (not blank, shorter than 101 characters), list of qualifications (not blank, shorter than 101 characters), and an optional link with further information.

X

5) **[MANDATORY]** A course aggregates several lectures by the same lecturer. The system must store the following data about them: a code (pattern "[A-Z]{1,3} [0-9]{3}", not blank, unique), a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), an indication on whether it can be considered a theory course or a hands-on course (depending on the lectures that it aggregates), a retail price (positive or nought), and an optional link with further information. Purely theoretical courses must be rejected by the system.

X

6) **[MANDATORY]** A lecture is a document that a lecturer uses to get some knowledge across. The system must store the following data about them: a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), an estimated learning time (in hours, positive, not nought), a body (not blank, shorter than 101 characters), an indication on whether it can be considered theoretical or hands-on, and an optional link with further information.

X

7) The system must handle lecturer dashboards with the following data: total number of theory and hands-on lectures; average, deviation, minimum, and maximum learning time of the lectures; average, deviation, minimum, and maximum learning time of the courses.

X

Functional requirements

Intentionally blank.

Non-functional requirements

Intentionally blank.

Testing requirements

8) **[MANDATORY]** Produce assorted sample data to test your application informally. The data must include two lecturer accounts with credentials "lecturer1/lecturer1" and "lecturer2/lecturer2".

X

Managerial requirements

9) Produce an analysis report.

X

10) Produce a planning report.

X

Deliverable D03: implementing features

Information requirements

Intentionally blank.

Functional requirements

11) Operations by anonymous principals on user accounts:

- Sign up to the system and become a lecturer.

X

12) Operations by lecturers on user accounts:

- Update their profiles.

X

13) Operations by any principals on courses:

- List the courses in the system that are published.
- Show the details of the courses that they can list (excepting their lectures).

X

14) **[MANDATORY]** Operations by lecturers on courses:

- List the courses that they have created.
- Show the details of their courses.
- Create, update, or delete their courses. Courses can be updated or deleted as long as they have not been published. For a course to be published, all of its lectures must have been published.

X

15) **[MANDATORY]** Operations by lecturers on lectures:

- List the lectures in their courses.
- Show the details of their lectures.
- Create and publish a lecture.
- Update or delete a lecture as long as it is not published.

X

16) Operations by lecturers on lecturer dashboards:

  ▪ Show their lecturer dashboards.

X

Non-functional requirements

Intentionally blank.

Testing requirements

Intentionally blank.

Managerial requirements

17) Produce an analysis report.

X

18) Produce a planning report.

X

Deliverable D04: formal testing

Information requirements

Intentionally blank.

Functional requirements

Intentionally blank.

Non-functional requirements

Intentionally blank.

Testing requirements

19) **[MANDATORY]** Produce a test suite for Requirements #14 and #15.

    X

20) **[MANDATORY]** Produce assorted testing data for your test suite.

    X

Managerial requirements

21) Produce an analysis report.

    X

22) Produce a planning report.

    X

23) Produce a testing report.