Requirements – Student #2

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.

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| Group: C1.003 |
| Repository: https://github.com/IsmaelRuizJurado/Acme-SF-D02 |
| Student #2  ID Number: 77846020J  UVUS: juamormog  Name: Moreno Moguel, Juan Antonio  Roles: developer, tester, operator, analyst |
| Date: Sevilla, 14 February 2024 |

# Information requirements

Intentionally blank.

# Functional requirements

1. 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

Intentionally blank.

# Information requirements

1. A contract is one or several agreements between the stakeholders involved in the development of a project. The system must store the following data about them: a code (pattern “[A-Z]{1,3}-[0- 9]{3}”, not blank, unique), an instantiation moment (in the past), a provider name (not blank, shorter than 76 characters), a customer name (not blank, shorter than 76 characters), some goals (not blank, shorter than 101 characters), and a budget (less than or equal to the corresponding project cost).

X

1. Every contract has an evolution that is composed of progress logs. The system must store the following data about them: a record id (pattern “PG-[A-Z]{1,2}-[0-9]{4}”, not blank, unique), a percentage of completeness (positive), a comment on the progress (not blank, shorter than 101 characters), a registration moment (in the past), and a responsible person for the registration (not blank, shorter than 76 characters).

X

1. The system must handle client dashboards with the following data: total number of progress logs with a completeness rate below 25%, between 25% and 50%, between 50% and 75%, and above 75%; average, deviation, minimum, and maximum budget of the contracts.

X

# Functional requirements

Intentionally blank.

# Non-functional requirements

Intentionally blank.

# Testing requirements

1. Produce assorted sample data to test your application informally. The data must include two client

accounts with credentials “client1/client1” and “client2/client2”.

X

# Managerial requirements

Intentionally blank.

# Information requirements

Intentionally blank.

# Functional requirements

1. Operations by clients on contracts:
   * List the contracts that they have created.
   * Show the details of their contracts.
   * Create, update, or delete their contracts. Contracts can be updated or deleted as long as they have not been published. For a contract to be published, the sum of all budgets cannot exceed the total cost of the corresponding project.
2. Operations by clients on progress logs:
   * List the progress logs in their contracts.
   * Show the details of their progress logs.
   * Create and publish a progress log.
   * Update or delete a progress log as long as it is not published.
3. Operations by clients on client dashboards:

* Show their client dashboards.

# Non-functional requirements

Intentionally blank.

# Testing requirements

Intentionally blank.

# Managerial requirements

Intentionally blank.

# Information requirements

Intentionally blank.

# Functional requirements

Intentionally blank.

# Non-functional requirements

Intentionally blank.

# Testing requirements

1. Produce a test suite for Requirements #6 and #7.

# Managerial requirements

1. Produce a testing report.

# Information requirements

Intentionally blank.

# Functional requirements

Intentionally blank.

# Non-functional requirements

Intentionally blank.

# Testing requirements

Intentionally blank.

# Managerial requirements

1. Produce an analysis report.

X

1. Produce a planning and progress report.

X

# Information requirements

1. There is a new project-specific role called clients, which has the following profile data: identification (pattern “CLI-[0-9]{4}”, not blank, unique), a company name (not blank, shorter than 76 characters), type (not blank, either “company” or “individual”), an email (not blank), and an optional link with further information.

X

# Functional requirements

Intentionally blank.

# Non-functional requirements

Intentionally blank.

# Testing requirements

Intentionally blank.

# Managerial requirements

1. Produce a UML domain model.

X

1. Produce an analysis report.

X

1. Produce a planning and progress report.

X

# Information requirements

Intentionally blank.

# Functional requirements

1. Operations by anonymous principals on user accounts:

* Sign up to the system and become a client.

1. Operations by clients on user accounts:

* Update their profiles.

1. Operations by any principals on contracts:
   * List the contracts in the system that are published.
   * Show the details of the contracts that they can list (including their progress logs).

# Non-functional requirements

Intentionally blank.

# Testing requirements

Intentionally blank.

# Managerial requirements

1. Produce an analysis report.
2. Produce a planning and progress report.
3. Produce a lint report.

# Information requirements

Intentionally blank.

# Functional requirements

Intentionally blank.

# Non-functional requirements

Intentionally blank.

# Testing requirements

Intentionally blank.

# Managerial requirements

1. Produce an analysis report.
2. Produce a planning and progress report.