

Informe de análisis

Group: C1.04.01

Repository: <https://github.com/C10401-DP2/Acme-L3.git>

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Registro de cambios

Versión	Causa del Cambio	Responsable del Cambio	Fecha del Cambio
0100	Versión inicial	Javier García Aguilar	16/02/2023
0200	Documento de análisis	Javier García Aguiler	18/05/2023

Introducción

A continuación, se van a analizar los requisitos de los 4 entregables, los que no vemos que lo necesiten se ha escrito que no lo requiere.

Contenido

Analizaremos los requisitos de los 4 entregables grupales.

Entregable 1

- 1) The system must be internationalised in English and Spanish. Other mainstream languages are welcome, but not required. This requirement must be fulfilled in this and every subsequent group or individual deliverable.

No requiere análisis.

- 2) **[Mandatory]** Instantiate and customise the appropriate starter project so that you can work on this project. Make sure that the name of your project folder, maven configuration (pom.xml), and database is "Acme-L3-D<dd>", where "<dd>" denotes the deliverable number using two digits. Make sure that you have followed the instructions in the "On Your Deliverables" document to package and deliver your work. This requirement must be fulfilled in this and every subsequent group or individual deliverable.

No requiere análisis.

Entregable 2

- 9) The system configuration must include the following initial data:
 - A system currency, which must be initialised to "EUR".
 - A list of accepted currencies, which must be initialised to "EUR", "USD", and "GBP".

En el poblado de datos inicial se ha añadido un String con el valor de la moneda actual y un String con el valor de todas las monedas que acepta, de esta forma es muy fácil de manejar.

- 10) **[Mandatory]** A peep is a message posted by anyone. The system must store the following data about them: an instantiation moment (in the past), a title (not blank, shorter than 76 characters), a nick (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), an optional email address, and an optional link.

No requiere análisis.

- 11) **[Mandatory]** A bulletin is a message posted by an administrator. The system must store the following data about them: an instantiation moment (in the past), a title (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), a flag to indicate whether it is critical or not, and an optional link with further information.

Hemos tomado como flag un booleano indicando si es crítico o no

- 12) **[Mandatory]** An offer is a record in which an administrator advertises something. The system must store the following data about them: an instantiation moment (in the past), a heading (not blank, shorter than 76 characters), a summary (not blank, shorter than 101 characters), an availability period (at least one day after the offer is instantiated and must last for at least one week), a price (positive, possibly nought), and an optional link with further information.

Destaca la división en dos atributos, inicio y final, del periodo de disponibilidad para marcar el intervalo de tiempo de la disponibilidad y el uso del tipo Money para el atributo Price.

- 13) **[Mandatory]** A note is a message posted by an authenticated principal. The system must store the following data about them: an instantiation moment, a title (not blank, shorter than 76 characters), an author (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), an optional email address, and an optional link. The author must be computed as follows: “{username} - {surname, name}”, where “{user-name}” denotes the username of the principal who has posted the note and “{surname, name}” denotes his or her full name.

No requiere análisis.

- 14) **[Mandatory]** A banner allows administrators to advertise products, services, or organisations. The system must store the following data about them: an instantiation/update moment (in the past), a display period (must start at any moment after the instantiation/update moment and must last for at least one week), a link to a picture that must be stored somewhere else, a slogan (not blank, shorter than 76 characters), and a link to a target web document.

En esta entidad repetimos la idea de crear dos atributos, inicio y final, para el periodo de disponibilidad como hicimos con offer y para el atributo que debe contener una imagen se ha creado como una URL donde más adelante se pondrán las imágenes.

- 15) The system must handle administrator dashboards with the following indicators: total number of principals with each role; ratio of peeps with both an email address and a link; ratios of critical and non-critical bulletins; average, minimum, maximum, and standard deviation of the budget in the offers grouped by currency; average, minimum, maximum, and standard deviation of the number of notes posted over the last 10 weeks.

En general se han utilizado atributos enteros y decimales. Para los budget se ha realizado un Map de String y Double, al igual qu para bulletins. Teniendo Doubles para ratios y String para almacenar si es crítico o no, y el tipo de moneda.

- 16) **[Mandatory]** Produce initial data to cold start your project; it must include an administrator account with credentials “administrator/administrator”. Produce assorted sample data to test your requirements; it must include two administrator accounts with credentials “administrator1/administrator1” and “administrator2/administrator2”.

No requiere análisis.

Entregable 3

- 20) Operations by administrators on the system configuration:

- Show the system configuration.
- Update the system configuration.

No se ha realizado.

- 21) **[Mandatory]** Operations by any principals on peeps:

- List the peeps and show their details.
- Publish a peep. By default, the nick must be kept blank if the principal is anonymous; otherwise, it must be filled with the principal's full name; anyway, it can be changed at will.

No requiere análisis, está implementado tal y como indica el requisito proporcionado.

- 22) Operations by authenticated principals on bulletins:

- List the bulletins and show their details.

No requiere de análisis.

- 23) Operations by administrators on bulletins:

- Post a bulletin. This operation requires confirmation because bulletins cannot be updated or deleted.

Se ha añadido un campo checkbox el cuál marcar confirmando que todos los datos introducidos son los que se quieren postear.

- 24) Operations by authenticated principals on offers:

- List the offers in the system and show their details.

No se ha llevado a cabo el requisito.

- 25) Operations by administrators on offers:

- List the offers in the system and show their details.
- Post, update or delete an offer.

No requiere de análisis.

- 26) Operations by authenticated principals on notes:

- List the notes that are not older than one month and show their details.
- Post a note. This operation requires confirmation because notes cannot be updated or deleted.

Para la confirmación se ha añadido una checkbox que debe marcarse para poder publicar la nota. A la hora de postear la nota la propiedad de autor se agrega automáticamente sin que el usuario tenga que escribir nada para evitar confusiones debido a la manera que debe estar escrito esta propiedad.

- 27) **[Mandatory]** Operations by any principals on banners:
 - Display any of them randomly, as long as its display period are active; the banners must be shown in every page as little intrusively as possible.

No requiere análisis, está implementado tal y como indica el requisito proporcionado.

- 28) **[Mandatory]** Operations by administrators on banners:
 - List the banners and show their details.
 - Create, update, or delete a banner.

No requiere análisis.

- 29) **[Mandatory]** Moments, money amounts, and Booleans must be internationalised when they are shown. Other kinds of data are not expected to be internationalised. This requirement must be fulfilled in this and every subsequent group or individual deliverable.

No requiere análisis.

- 30) The system must show money amounts as they are entered by the users, but also their corresponding money exchanges according to the system currency if their known exchange ratios are recent. It is the students' responsibility to find the appropriate exchange-rate service; no implicit or explicit liabilities shall be covered by the University of Seville or their individual affiliates if the students hire pay-per-use services! This requirement must be fulfilled in this and every subsequent group or individual deliverable for it to be considered fulfilled.

No se ha podido llevar a cabo el requisito correctamente. No almacena el ratio.

- 31) The system must prevent the principals from storing any data that can be considered spam. A piece of text is considered spam if the number of spam terms exceeds a predefined spam threshold. The default list of spam terms includes the following ones: "sex", "viagra", "cialis", "one million", "you've won", "nigeria", and their corresponding translations into the languages considered for internationalisation; the default spam threshold is 10%. Note that the previous default values can be changed at will by the administrators. Realise that a term must be considered spam irrespective of its case and the blanks in between its words; for instance, "one _ million" is a spam term that matches "one _ million", "ONE _ MILLION", "OnE _ _ MiLLiOn", or "One _ ↵ _ Million"; it doesn't match "One _ Millionaire", "One _ or _ two _ millions", or "One _ sex _ million", though. The spam detector must be reusable across different projects; that is: it must be implemented as an independent project that must be packaged into a reusable dependency. Do not forget to deliver your spam detector project so that it can also be evaluated or, otherwise, this requirement shall not be

considered fulfilled. This requirement must be fulfilled in this and every subsequent group or individual deliverable.

No se ha podido llevar a cabo el requisito.

Entregable 4

- 34)[**Mandatory**] Produce as a complete test suite as possible for Requirement #21.

No requiere análisis.

- 35)[**Mandatory**] Produce testing data for your test suites.

No requiere análisis.

Conclusión

Bibliografía

Intencionalmente en blanco.