

D&T – Spring control check (#001)

We, the lecturers, assume that if you submit this control check, then you understand what the consequences are if you lie regarding the following items, where "I", "me", "my", and other first-person pronouns refer to you, the student who is reading this document:

[] I haven't asked any questions about this document. I've interpreted it, and I've produced an answer to the items that I've been requested to produce. If necessary, I've commented on my doubts and the decisions that I've made in a README.TXT file.

[] I have read the announcement that was published at the USE's e-learning platform, where the lecturers reported on the co-ordinates, the rules, the contents, and provided some pieces of advice regarding this control check.

[] I'm the legitimate author of the items that I've been requested to produce. I have worked on them building on the materials that I brought to the control, which I have produced with the help of my group partners.

[] I haven't exchanged any information during the course of this control check with other people. I haven't asked anybody using any means regarding this control check or the items that I've been requested to produce.

[] I haven't cheated in any way.

(Please, check the previous items. It's compulsory that you fill in this form and that you date and sign it; otherwise, your control check won't be evaluated.)

_____	_____
Place, date	Surnames, names
_____	_____
"DNI", "NIE", or passport number	Signature

Context

Acme Chorbies, Inc. sent us the following information regarding an improvement that they wish to include in their project:

- An [REDACTED] may have a [REDACTED], which is an assessment that is awarded by an [REDACTED].
- For every [REDACTED], the system stores an auto-generated read-only unique label ([REDACTED]), [REDACTED], [REDACTED], [REDACTED], and [REDACTED].
- The system must store the [REDACTED] who creates every [REDACTED].

Acme Chorbies, Inc. is requesting us a new version of their project in which:

- Every actor who can display an [REDACTED] must be able to:
 - o See the [REDACTED] that is associated with it, if any.
- An actor who is authenticated as an [REDACTED] must be able to:
 - o Create a [REDACTED] and associate it with an [REDACTED], as long as [REDACTED].
 - o List all of the [REDACTED] that the system stores. His or her [REDACTED] must be highlighted with a bold, italic font.
 - o Cancel any [REDACTED] written by any [REDACTED]. Cancelling a [REDACTED] requires to provide a justification. If a [REDACTED] is cancelled, then it must not be shown to users other than the [REDACTED].
- The system must [REDACTED]. Please, use CSS to provide the highlighting.

Requested items

Taking into account the context that was described in the previous section, please, modify your Acme Chorbies 2.0 project and deliver the following items:

- Item 1. Comments:
 - a. A README.TXT file in which you've commented on your doubts and the decisions that you've made, if any. Please, keep this item empty unless it's strictly necessary.
- Item 2. Models:
 - a. Your modified conceptual model.
 - b. Your modified UML domain model.
- Item 3. Project:
 - a. Your modified Eclipse/Maven project.
 - i. It must include a "PopulateDatabase.xml" file that populates the database with at least two [REDACTED] written by [REDACTED] and two additional [REDACTED] written by [REDACTED].
 - ii. It must include both a positive and a negative functional test.
 - iii. It must include a performance test.
- Item 4. Queries:
 - a. A query that returns the ratio of [REDACTED] with a [REDACTED].
 - b. A query that returns the [REDACTED] who has more [REDACTED] with a [REDACTED].
- Item 5. Deployment:
 - a. A SQL script to deploy the database to the pre-production environment.
 - b. A WAR artefact ready to be deployed to the pre-production environment.

Instructions

Please, upload a zip file with the requested items to the USE's e-learning platform. Please, make sure that your zip file is named after the following pattern: "Surnames-Names-001.zip", where "Surnames" refers to your surname/s, "Names" refers to your name/s, and "001" is your unique control check key. For instance, the following are valid names: "Larou-Julien-Philippe-001.zip", "López-Vinuesa-Aniceto-001.zip", "López-Ruiz-Martínez-Sánchez-María-José-001.zip", or "Benítez-Vinuessa-Juández-Romualdo-Ezequiel-María-001.zip"; the following are invalid names: "control-check.zip", "examen.7z", "Julio.rar", or "López-Martín-Genara-1.zip".