D&T1 – Control check (#001)

_____ _____ _____

Surname, name   Signature   ID number

_____

Place, date

[ ] I haven't asked any questions about this document. I've interpreted it, and I've produced an answer to the items I've been requested to produce.

[ ] I've read and understood 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'm delivering.

[ ] I haven't exchanged any information with other people regarding this control check.

Request for maintenance

Acme Handy Worker, Inc. sent us the following request for maintenance regarding their project:

- A XXXX may have zero or more XXXX, which are created by XXXX A XXXX is kind of a remark in which a XXXX clarifies something regarding his or her XXXX. For every XXXX the system must store a ticker, a publication moment, a body, and an optional picture. The ticker must match the following pattern "XXXX", where "yy", "mm", and "dd" refers to the year, month, and day when the quolet is created), the body must be shorter than XXXX characters but not blank, and the picture must be provided as a URL on an external system. A customer may save a XXXX in draft mode; it'll be published when it is saved in final mode. XXXX can list, display, edit, modify and/or delete XXXX at will; modification and deletion is allowed in draft mode only.
- Wherever a XXXX is shown to an actor, the system must display its corresponding XXXX using the following colours: XXXX if they are less than one month old, XXXX if they are less than two month old but at least one month old, and XXXX in other cases. Their publication moments must be internationalized as follows: "dd-mm-yy hh:mm" in Spanish and "yy/mm/dd hh:mm" in English.
- The administrators must be able to display the following indicators at the top of their dashboards: a) The average and standard deviation of the number of published XXXX per XXXX; b)

the ratio of published XXXX versus total number of XXXX; c) the ratio of unpublished XXXX versus total number of XXXX.

Requested items

Item 1.   Comments:
  a. A README.TXT file in which you comment on your doubts and the decisions that you've made. Please, keep this item empty unless it's strictly necessary.

Item 2.   Models (UML in PDF):
  a. An updated conceptual model.
  b. An updated domain model.

Item 3.   Project (Eclipse/Maven project):
  a. Include a "PopulateDatabase.xml" file that populates the database with at least two XXXX written by "XXXX/XXXX" and two additional ones written by "XXXX/XXXX". Their titles must include word "TEST"; one of them must be less than one month old; another must be in between one and two month old, and the others must be more than two month old.

Item 4.   Pre-production 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.

Item 5.   Production deployment:
  a. A deployment to CleverCloud. Please, make sure that you start your application and keep it running until the results of this control check are published. Your deployment must not be modified after you finish your control check.
  b. A document with the following information: URL of your system in Clever-Cloud and the credentials to access its management console. The lecturers will check that the system was deployed to CleverCloud within the deadline.

Delivery 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. Make sure that you submit your Eclipse/Maven project, not your Eclipse workspace.