D07 – Deployment Requirements

Requirements for levels C, B, and A

Item 1.   A change log that documents your changes regarding your previous deliverable. It can include models, screenshots, or whatever you think might help the lecturers understand your changes. Please, do not forget to justify them. Deliver the change log as a PDF document.

Item 2.   A report in which you explain how you've set up your pre-production configuration. Depending on your choices, it might be 100- or 1000-word long. Please, provide screenshots if necessary.

Item 3.   An Eclipse/Maven project that implements the requirements in project "Acme Explorer" at the level you've chosen.

Item 4.   A script that creates the database required to support project "Acme Explorer" and a script that deletes it completely, including the MySQL users and their grants.

Item 5.   A war artefact that implements project "Acme Explorer".

Requirements for level A+

Item 6.   Nowadays, most projects are deployed to cloud platforms that provide a database server and an application server. Using a cloud platform releases developers from the burden of managing physical computers and their operating systems; they just deploy their application and it is the platform that cares of running and scaling it as necessary.

   a. Deploy your project to a cloud platform provider. You can use the cloud platform that you prefer, but we recommend that you should try Jelastic.

   b. Write a 1000-word report in which you explain how you've deployed your application. The report must start with a cover sheet with the following information: a) the URL to evaluate your project; b) the URL to have access to your project configuration on the cloud platform; c) the credentials to have access to your project configuration. Don't forget to provide a guideline to deploy other projects and to report on the problems you've found.

   NOTE: Please, deploy your project on the deadline's day, so that there's enough time for your lecturers to evaluate it using your free account. Whatever platform you choose, make sure that the evaluation period is greater than or equal to 10 days.