

D04 – Repositories and services 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. An Eclipse/Maven project that implements the Java domain model, the persistence model, the repositories, and the services required to implement the requirements of project “Acme Explorer”. It must include the checks implemented by the students.

Requirements for level A+

- Item 3. Stored procedures are a means to implement some services in your database. Such procedures are expected to be more efficient than their Java counterparts, but they are commonly more difficult to implement and debug.
 - a. Implement a stored procedure that computes a table with a tuple of the form (m, a, b) for every manager m , where a denotes the number explorers who have got an accepted application for the trips that m manages and b denotes the corresponding quartile. Consult an authoritative source to learn how to compute the quartiles of a distribution.
 - b. Write a report regarding how you’ve satisfied this requirement.