

D05 – Views

Requirements

Requirements for level C

- 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”. The project must include appropriate views to deal with the following requirements:
 - a. Registering to the system as a new actor.
 - b. Browsing the catalogue of trips.
 - c. Navigate the tree of categories.
 - d. Searching for trips.
 - e. Edit an actor’s personal data.
 - f. Create a trip.
 - g. List applications.
 - h. Create an application.
- Item 3. A series of mock-ups that help understand the views requested in the previous item.

Requirements for level B

- 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”. The project must include appropriate views to deal with the following requirements:
 - a. The requirements for level C.
 - b. Display audit records.
 - c. Edit audit records.
 - d. List notes on trips.
 - e. Edit notes on trips.
- Item 3. A series of mock-ups that help understand the views requested in the previous item.

Requirements for level 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”. The project must include appropriate views to deal with the following requirements:
- a. The requirements for level B.
 - b. Display sponsorships.
 - c. Editing sponsorships.
 - d. List survival classes.
 - e. Register to attend a survival class..
- Item 3. A series of mock-ups that help understand the views requested in the previous item.

Requirements for level A+

- Item 4. Unfortunately, our repositories are not paginated, which means that every time a listing is displayed, they retrieve the full list of objects from the database and then the component that shows the listings selects the appropriate page and discards the others. This is very inefficient. Spring JPA provides a technology to implement paginated repositories that helps produce efficient listings.
- a. Implement a paginated repository to retrieve pages of trips. Write a simple check that allows to confirm that it’s working well. Change the corresponding views so that they use that repository appropriately.
 - b. Write a 1 000 report on paginated repositories.