

# P: 22/04/2019

**Master in Informatics and Computing Engineering**  
**Database and Web Applications Laboratory**  
**Instance: 2018/2019**

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## Practical work #10 :: Week of 22/04/2019

### Goals

By the end of this class, the student should be able to:

- Identify the main accesses to the database.
- Identify the necessary database transactions.

### Materials

- J. Correia Lopes, Sérgio Nunes. [Main accesses to the database. Transactions \(A9\)](#), March 2019
- J. Correia Lopes, Sérgio Nunes. [Template for A9](#), March 2019
- J. Correia Lopes, Renato Abreu, Sérgio Nunes. [MediaLibrary project \(A9\)](#), April 2019
- Tiago Boldt, André Restivo, J. Correia Lopes, Sérgio Nunes. [Developing the project with Docker, Laravel & PostgreSQL](#), March 2019
- Tiago Boldt, André Restivo. [Laravel and docker skeleton project for the LBAW course](#), March 2019

### Tasks

- Identify the main accesses to the database.
- Identify and characterise the necessary database transactions.
- Present the A7 artefact: High-level architecture. Privilege groups. Specification of web resources.
- Present the A8 artefact: Vertical prototype.
- Insert a tag "A8" in the repository.
- Start the development of the Product (A10).

### Summary

- Identify and document the main accesses to the database. Identify and document the necessary database transactions. Presentation of the A7 artifact (High-level architecture. Privilege groups. Specification of web resources) Presentation of the A8 artefact (Vertical

prototype).<sup>1)</sup>

— *LBAW, 2018/19*

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<sup>1)</sup>

Identificar e documentar os principais acessos à base de dados. Identificar e documentar as transações necessárias na base de dados. Apresentação do artefacto A7 (Arquitetura de alto nível. Grupos de privilégios. Especificação dos recursos web). Apresentação do artefacto A8 (Protótipo vertical).

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