

LE01: 14/02/2020

Master in Informatics and Computing Engineering
Database and Web Applications Laboratory
Instance: 2019/2020

Lecture #1 :: 14/02/2020

Goals

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

- Describe the content, evaluation and bibliography of the course.
- Gather the specification of the actors and user stories of a system (A2)

Content

- Presentation of the course.
- Stages in the software development process of an Information System:
 - Planning | Analysis | Design | Development | Testing | Deployment | Maintenance and Operation
- Stages in the design of a database:
 - Conceptual Design | Logical Design | Physical Design
- Requirements Analysis (A2)
 - Actors and User Stories.

Bibliography

- J. Correia Lopes, Sérgio Nunes. [Course Fact sheet](#), February 2020
- J. Correia Lopes, Sérgio Nunes. [Plan](#), February 2020
- J. Correia Lopes, Sérgio Nunes. [Practical work by-laws](#), February 2020
- J. Correia Lopes, Sérgio Nunes. [Requirements specification and User interfaces \(ER\)](#), February de 2020
- Scott Ambler. *The Object Primer*. Cambridge University Press, 3rd Edition, 2004 (sections: 5.2, 6.2-6.5, 8.4)

Materials

- Illustrations presented in class: [Presentation & Requirements Specification \(A1-A2\)](#)
- Examples presented in class: [MediaLibrary](#)

Summary

- Introduction to the course. Requirements analysis. Actors. User stories.¹⁾

— *LBAW, 2019/20*

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¹⁾

Introdução à Unidade Curricular. Análise de requisitos. Atores. User stories.

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