

# P: 10/02/2020

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

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## Practical work #1 :: Week of 10/02/2020

### Goals

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

- Identify and register a project group
- Choose the project theme
- Start writing the project's details
- Start using a GitLab code repository

### Materials

- J. Correia Lopes, Sérgio Nunes. [Course Fact sheet](#), February 2019
- J. Correia Lopes, Sérgio Nunes. [Practical work by-laws](#), February 2019
- J. Correia Lopes, Sérgio Nunes, Tiago Boldt. [Project proposals](#), February 2019
- J. Correia Lopes, Sérgio Nunes. [Project description \(A1\)](#), February 2019
- J. Correia Lopes, Sérgio Nunes. [A1 template](#), February 2019
- J. Correia Lopes, Sérgio Nunes. [MediaLibrary project \(A1\)](#), February 2018
- J. Correia Lopes, Sérgio Nunes, Tiago Boldt. [Version Control with Git](#), February 2019
- GitHub Guides, [What is Markdown?](#)
- Pandoc converter, [Pandoc --- a universal document converter](#)
- GitLab: [User documentation](#), [wiki markdown](#)
- Git Documentation: [index](#), [Git User Manual](#), [A tutorial introduction to Git](#)

### Tasks

1. Read the unit rules ([fact sheet](#)) and the rules that apply to the practical work ([by-laws](#))
2. Read the themes ([proposals](#)) of the practical work
3. Login in [GitLab](#) to have an account
4. Form the project group and **wait for the teacher to approve it** (the teacher assigns a theme and adds your account to the group GitLab repository)
5. Initiate the GitLab wiki to keep the artefacts (with the teacher)
6. Start the artefact A1 wiki page (with the teacher)
7. Initiate the Checklists spreadsheet (with the teacher)

8. Discuss with the teacher (client) the theme of the project
9. Initiate the GitLab repository README file
10. Register the members of the group in [Moodle](#)
11. Read the README tab in the group's Checklists spreadsheet
12. Copy the A1 tab from [the Reference checklist](#)
13. Answer the [LBAW 19/20 Survey](#) (if you haven't done it yet).

## Summary

- Setup the working groups and project themes. Start working on the project documentation. Development of the artefact A1 (Project presentation).<sup>1)</sup>

— LBAW, 2019/20

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<sup>1)</sup>

*Formação de grupos. Escolha do tema. Elaboração de documentação. Desenvolvimento do artefacto A1 (Apresentação do projeto).*

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