

Databases & Web Services Project 2022

Assignment 2

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Submission: by team, through git repository

Deadline: 2022-sep-29 23:59

Initial Project Specification

This task is based on your individual project. You will first need to agree on a topic, as a team (based on the group assignments distributed). Questions to consider for this choice include:

- Do we have enough competence in the group to develop an information system on our topic?
- Will we be able to find (or invent) sample data of the domain?
- Is it exciting for everybody in the team?

...so this task is also a task on teambuilding.

Technically, you need to specify the purpose and functionality of the system and model the data it uses. This specification is only considered to be the initial design document, which will be updated as you progress on and gain insight into the project. What you submit in this task will be part of your project documentation, so think about using an electronic format (e.g. LaTeX, MS Word, html, ...) that can be updated easily later. Target size is one page and should contain these parts:

- Describe the intended functionality of the web application from a user perspective. This should be about ½ page of text.
- Establish the ER diagram of your miniworld.
- Describe in general terms the ways the user interacts with the system (make a list). What does the user see, what actions can s/he take, what are their results, what about illegal input/actions.

You may find somebody willing to act as a “customer”, ie: giving explanations, and insights on the topic as you need that. If you have such a customer then now is the time to contact that person and ask all necessary questions to obtain the information requested below. Customer or not, your team will be the sole responsible for all submitted.

Do **not** specify the underlying relational database schema (this is not the user perspective, we will do that later) or the graphical design of the user interface (will do that later). In other words - following the common subdivision GUI / application logic (“business logic”) / data management – the task on hand focuses on the application logic layer.

Submission:

- The TA will announce, via list, the repository to use.
- The design document above must be in the repository. Shortly after the deadline the TA will copy from the repository and take whatever is there. Hence, late submissions will be ignored.
- List your team members (name, email) and choose a project name to be used throughout (email, git, ...).