

PHP Project Briefing

You will work in groups of 2-4 students to create a functional PHP web application (website).

The complexity of the project depends on two factors:

- **Amount of people in your group** – more students means more work needs to be completed
- **Grade you are aiming for** – each grade has specific requirements that need to be fulfilled

You create the groups on your own, but if you are not in a group by 2017-09-11 you will be assigned a group.

Each group hands in a project proposal where they describe:

- Purpose of their application
- Complexity of their application (what grade you are aiming to achieve)
- Functionalities the application covers

You may use your projects from the JavaScript course and work further on them to build a PHP application/website as well.

The teaching staff will then review your proposal and either approve or suggest changes. The sooner your project is approved the sooner you can start working on your project.

There will be 3 opportunities to hand-in your group project and 3 opportunities to present and pass. The first deadline will be by **2017-10-29 at 23:55** and the remaining two deadlines will follow the re-exam dates.

If a group receives an “U” on the first hand-in/presentation they will have to wait for the second (or third) presentation opportunity.

If you fail to hand-in and present in the given 3 opportunities you will have to redo the PHP project the next academic year.

All hand-ins will be done via PingPong and presentations will be conducted as a group in front of the TA. The project is graded as a whole, but we reserve the right to adjust grades for individuals based on their performance within the team and presented knowledge during presentation.

If there are any problems within a group you are advised to contact the teaching staff. The sooner the problem is resolved the sooner you can continue with your work. If a group is satisfied with the group members but feels like a certain group member contributed less than others they are welcome to address the issue either privately or as a group and grades will be adjusted accordingly.

Grading

The project is graded with **5, 4, 3** or **U** where “U” represents a fail and requires rework of the project. To accomplish a certain grade your project needs to fulfill certain requirements. For grading requirements see below.

Grade Requirements:

Grade 3: To receive a **3** you will have to fulfill some basic requirements within your project. To be specific you would have to create a website/web application that incorporates the following:

- Database with at least 4 tables
- Usage of CRUD operations
- Sessions
- Cookies
- Basic security
- Acceptable UI/UX

Grade 4: To receive a **4** you will have to build on the above listed (Grade 3) and include the following:

- More complicated database with 6+ tables
- Including and reusing headers/footers
- Appropriate security to match the needs of the application
- Moderate UI/UX

Grade 5: To receive a **5** you will have to work outside the scope of what you were taught during the lectures and workshops. It is expected that you use your knowledge and understanding to incorporate new functionalities. Building on the requirements for grade 4 you will have to:

- Advanced UX/UI
- Advanced security (if project requires so)
- Incorporate JavaScript

NOTE: If you think your project is good enough for a higher grade but does not fill out the requirements address it with the teaching staff, they will estimate the complexity and either agree or disagree with you. Some projects e.g. don't need many database-tables but have a lot of other functionalities and this is considered OK as long as the complexity justifies it.