Project Overview

The goal of your term project is to design, implement, and post a real website.

Professional software development projects usually have a sequence of phases including requirements, design, implementation and testing. (Indeed, the phases apply to non-software projects as well.) We will mimic some of those phases this semester.

This page gives an overview of the project, but each phase has separate, detailed documentation (see below), which must be read to determine the specific details of the assignment. We encourage you to read a bit ahead, because each phase will make more sense when you know where we are going next.

Clients

Your client can be imaginary, but we encourage you to use real clients, This can be pretty much any person or organization who wants a website of the sort IT 2805 students can make. Such sites will be modest in scope and won't have features of databases.

Who can be a client? A wide range of people and organizations can be clients. For example:

- A student dorm, organization, club, or team
- A charitable organization, or civic association.
- A small business, either locally, in the hometown of one of the students, or even elsewhere.
- An individual with a hobby, business or some other interest.

Scope of the Website

IT2805 projects build websites of about 8-10 web pages. There is a little flexibility here, depending on the zeal of the team, but a client should not expect a website that is significantly more than that. A site that is significantly less than that is also inappropriate.

The website content will consist of text, images (pictures), graphical decorations, movies and sound files. For the most part, that content must be supplied by the client (imaginary client means the team). In some cases, IT2805 team can take digital camera pictures, of, say, a hotel or a dorm, but the team's responsibility is not to become photographer.

The real client should understand that deadlines in IT2805 are firm. If the content isn't supplied by the deadline, the team will just put in stuff goes here or other sorts of fillers, which is unsatisfying for everyone. Please get the content to the team in a timely fashion.

An IT2805 website can have blog or guestbook features, and it can have a form that a visitor can fill out where the data gets emailed to the client. This can be nice for, say, questionnaires and such. However, an IT2805 website does not support databases.

The IT2805 team deserves a chance to be genuinely creative in their design of the site. Therefore, it's not appropriate to ask a team to update an existing site, just tweaking a few things here or there. Even if there is an existing site (which often happens), the replacement site is expected to be genuinely new: a complete re-design.

Hosting

The website will be hosted on NTNU's server.

You can see find some more information here:

https://innsida.ntnu.no/wiki/-/wiki/English/Create+your+own+website

Delivery

The project should be delivered via its learning by Nov 16 (zip file). The website needs to be active until the exams in a given url.

Team Project

This is a team project, even if the project is about your partner's portfolio or hobby. Not everyone has a personal interest suitable for turning into a website.

Students who have taken IT2805 have told us that they value the camaraderie and support of a teammate. Alumna tell us that we should keep the team aspect of the project, because in the real world, most things are done by teams, and learning to work with others is critical (even though sometimes is difficult).

In some exceptional circumstances, we might allow solo projects, but we need to have a very good reason (eg. Medical).

Due Dates

See the course schedule for due dates for each phase (all project deadlines are firm).

Grading

The value of the project in the overall course is 20%.

The value of each phase in the overall project grade is shown below, in the header for each phase description.

All parts of the project should be shared equally by the partners on the team. When all partners participate equally, equal grades will be assigned to each member of the team. In some very

exceptionally cases we reserve the right to award different grades to team members, if it comes to our attention that a team member is doing substantially larger or smaller amounts of work than the others.

P0 Getting Started

The very first steps you must take are to find partners, decides on your project, and find a!

Find team: Students form project teams of 4-5 students each. How to find a partner? Talk to your fellow students in lab or lecture. Post to the forum on its learning.

Find a client: Each team finds a client for whom they will create a website. How to find a client? Talk to people in organizations you are involved in, such as clubs or student orgs. Talk to friends and family. When you're finding a client, it's important for them to understand the kind of website you'll be creating, so that their expectations are not unreasonable. Alternatively you can have an imaginary client, where you will define the requirements by yourself.

Project advisor: After defining your team members in its learning, each team will be assigned a project advisor. This will usually be one or the IT2805 assistants. You will receive notification of which of the instructors is your advisor.