

Project

Your final project for this course will be the planning and implementation of a web information system. The project will be evaluated with respect to the overall idea, implemented functionality, polish, and technical quality. See also [ProjectTopicNotes](#).

As proposals are submitted, project topics will be posted.

Deliverables

The technology evaluation is completed in the project groups (except the overviews and weighting).

- › [Proposal](#), Thursday June 28 2018, 2%
- › [Checkpoint Implementation](#), Friday July 20 2018, 3%
- › [Poster Presentation](#), Thursday August 02 2018, 5%
- › [Final Implementation](#), Monday August 06 2018, 40%
- › [Individual Overview](#), Tuesday August 07 2018, 5% (individual marks)
- › [Individual Weighting](#), Thursday August 09 2018 (individually submitted)

Technology Choices

- › You must use a full-stack web framework as the basis for your implementation. Some examples: Rails, Django, Express, Play. If you have a principled objection to this requirement (most likely that your proposed project isn't a good fit for a standard MVC framework), I am willing to discuss waiving it.
- › The project must be deployable with Vagrant and VirtualBox (and Chef/Puppet recipes) from your codebase. Cloning your code and doing vagrant up must be enough to get the project running.
- › You must use only software that can be (legally) downloaded, installed and used for free.
- › You must use a Git repository on [our Gitlab server](#) for your code. All group members must use the repository to commit their own contributions. Collaboration on code (pair programming or similar) should be noted in the commit messages.

Notes

- › You are expected to take the topics discussed in lectures into account when implementing your project.
- › It is expected that all group members will complete an approximately equal share of the project, including the implementation. See [ProjectWeighting](#) and [Admin](#) for more information on expectations.
- › All submitted materials must be your own work. Any material copied from another source must be clearly referenced. This applies to writing, images, source code, and anything else submitted.
- › There will be a mark penalty for any security problems in the implementation. This includes access to unauthorized information, ability to modify unauthorized information, and data corruption.