

Name:

Matr.Nr.:

Gruppe:  08:30  10:15

Abgabefristen:

Spezifikation: 31.05.2010

Implementierung: 21.06.2010

Abzugeben: Quellcode elektronisch.

Tutor:

Punkte:

Maximal: 24 Punkte

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## **Project**

Specify and implement a project of your choice. Use the Java web technology Java-Servlet (with JavaServer Pages), and at least one other Java feature discussed in the course, e.g.: Swing, Threading, Databases or XML.

### ***Specification***

Specify your project on one to three pages. Make clear what should be done (features), what should be left out (non features), and give sketches of the user interface and eventually of the coarse project architecture.

Target the project size to be around 1000 lines. Every written line in your project counts, e.g. Java code, JSP code, CCS; but only written code, designer code doesn't count!

Define parts in your project. Estimate the time and the lines of code needed for the parts. Add priorities to the parts, such that in the case of a too optimistic estimation the implementation is still useful.

Deliver the specification until 2010-05-31.

### ***Implementation***

Implement your project. Take notes of the time and lines of code needed for the parts, and note where you needed to change the specification.

Deliver the implementation until 2010-06-21.

## **FAQs**

### ***What Projects are Possible?***

Feel free to specify and implement a project of your choice! It could be for example: a business application, a time or event planner, an SMTP server with web frontend, or a multiplayer online game.

### ***Can I Use Google, Facebook, ...?***

Sure, you can use any API or toolkit, as long as it is a Java technology. If you need some code in another technology, like PHP it's okay, but at least 90% of your project should be in Java. Of course everything beyond the 1000 line limit can be written in any technology.

### ***Can I Extend an Open Source Project?***

Yes, as long as it is a Java project. Just specify the extension as requested. And make clear what parts you make.