

IBS6: Modul "BIS-Project Task"

WiSe 2025/26

Announcement and information for preparation

Basic / Content:

- The module is mandatory in the study program IBS (6th semester)..
- Projects are to be worked on, in which normally for external clients (companies) in a real operating environment usable small software prototypes/products are developed.
- With regard to the platform technologies, programming languages, etc. to be used, there are no restrictions. Here the "customer" decides if necessary on the basis of its conditions and/or necessities. However, the project work should contain a decisive part of software development - in whatever form.

Project organization:

- Projects are usually worked on in teams of 4-6 people:
this corresponds to a workload of approx. 180 working hours per person,
gives a project about 720 – 1080 hours resource ((4 to 6) * 180h).
- Project offers are to be acquired by the participants in time! (For more details see below).
- The available project proposals will be presented by you at the first joint semester meeting, on **Tuesday 30.09. 14:00. Please prepare suitable documents (short presentations)!**
- In the following lecture week, it will be jointly determined which project assignments will be worked on and who will participate in which project team.
- During the first 3 weeks , lectures will be held in which the working techniques of SW projects will be presented and the necessary organizational details for the projects will be determined. Attendance is compulsory for all participants - please keep these dates free!
- In the 3rd week of lectures the kickoff for the projects takes place, after that the project teams continue to work independently. A few common milestone and lecture dates are given in the schedule document. Professor Noll & colleagues will supervise the teams individually for the remainder of the semester.

Acquiring project offers:

- The learning effect of the module depends decisively on the projects having a (preferably external) client with a serious interest in using the developed software / application / prototype / portal
- no "tiny projects"!
- The customer is expected to participate in the determination of the requirements and the preparation of the application to an appropriate extent.
(e.g. interviews, requirements specification review, data for tests, pilot test etc.).
- Course participants are strongly encouraged to independently acquire suitable project offers from external clients ("customers"). Please use your contacts among friends, acquaintances or from your internship semester.
- You are also welcome to contact me if you have any queries or need help!