Course scheduler for students in UT

What
Online tool for UT students to help select courses, make time schedule for classes and avoid overlaps in critical places. The tool will use information from UT Study Information System (SIS), provide informative selection options to the user and shows best fit in time schedule based on user preferences. Critical overlaps are visualised in the interactive schedule view that is constantly available as user moves through different selection possibilities. Modifications like switching between practice groups or different semesters will instantly show and alternative scheduling options are suggested to the user. In this course, a standalone solution is sufficient to start with.

Why and for whom
Currently, before every semester a student will select courses in SIS and unless not exactly following some suggested version of the predefined study plan will likely discover some overlaps in the semester calendar after the selection. There is no comfortable or fast way to remove overlaps and picking the best possible solution considering available alternatives within the study program. Checking each schedule of a course (different times for practice groups, different semesters when this course is taught, info whether and in which study module this course is mandatory at all, prerequisites etc) is too time consuming and troublesome. A smarter software solution will reduce students' time and headache what is spent for choosing and syncing classes to avoid overlaps in critical places each semester throughout the studies.

Requirements, outcome
A standalone prototype solution.
Details TBC.

Contacts
TBC