

Computer and Computer Lab online booking system

An organization has several institutes. Each institute might wish to make their computers available for members. The members can book a computer, several computers or a computer lab. Each computer has a description of architecture a configuration of installed software which can be shared by several computers and a free text descriptions, e.g., for additional software. A computer resides in a room.

A provider can register itself as a computer provider which has to be confirmed by the system administration.

A registered provider can create rooms with location description and computer descriptions.

A room must be associated with bookable periods (Mo-Fr, 8.00-17.00, Oct-Feb). Before publishing a bookable period the provider might pre-book dates for himself or another institute. As default the booking unit per day is one hour and the default booking kind is the whole lab (room). There are three publishing stages. In the first stage (intern) only the provider can make bookings. In the second stage (associates) only the provider and the associated institutes can make bookings. In the third stage all members can make lab and computer bookings. The booking types are those that can be found in calendar systems (single date, repetitions, ...). Therefore a standard implementation should be chosen and integrated with the rest of the booking system.