Get Me a Room!

A simple way to find and reserve study space on the UW campus
By: Roi Bing (bing04) and Alex Crown (acrown)

The process of finding available study space for a small group is a tedious task. Students must roam from room to room and sometimes building to building just to find an unoccupied room. With ‘Get Me a Room’ the process of finding open study space is just a few clicks and a few seconds away! Using ‘Get Me a Room’ will save UW students time and frustration finding open rooms.
Software Architecture

• The backbone of the software is a database which stores room availability
  • Rooms are unavailable if they are reserved
    • for class
    • through Classroom Support Services
    • through users of ‘Get Me a Room’
    • for maintenance or building closure
• Users interact with the software though a webpage as seen to the right
• The webpage and database interact to allow users to reserve space and relay up-to-date information to others
Risks & Usability issues

• This software relies heavily on a database and webpage
  • Teams should try to have at least 1 member proficient with
    • SQL or another database software
    • HTML or another language suitable for the web

• Storing official UW room reservations needs to be automated
  • Room reservations may be available directly from Classroom Support Services but
    may need to be read from the registrar’s course offerings

• Feature requires a large portion of students to use it honestly
  • If only a few students use the software, finding a room may again be like finding a
    needle in a hay stack
  • Malicious users may wish to reserve multiple rooms simultaneously so a sign-in may
    be recommended
  • Users may forget to log out of rooms when they leave so there should be some
    means of deallocating that space at regular intervals