

Get Me a Room!

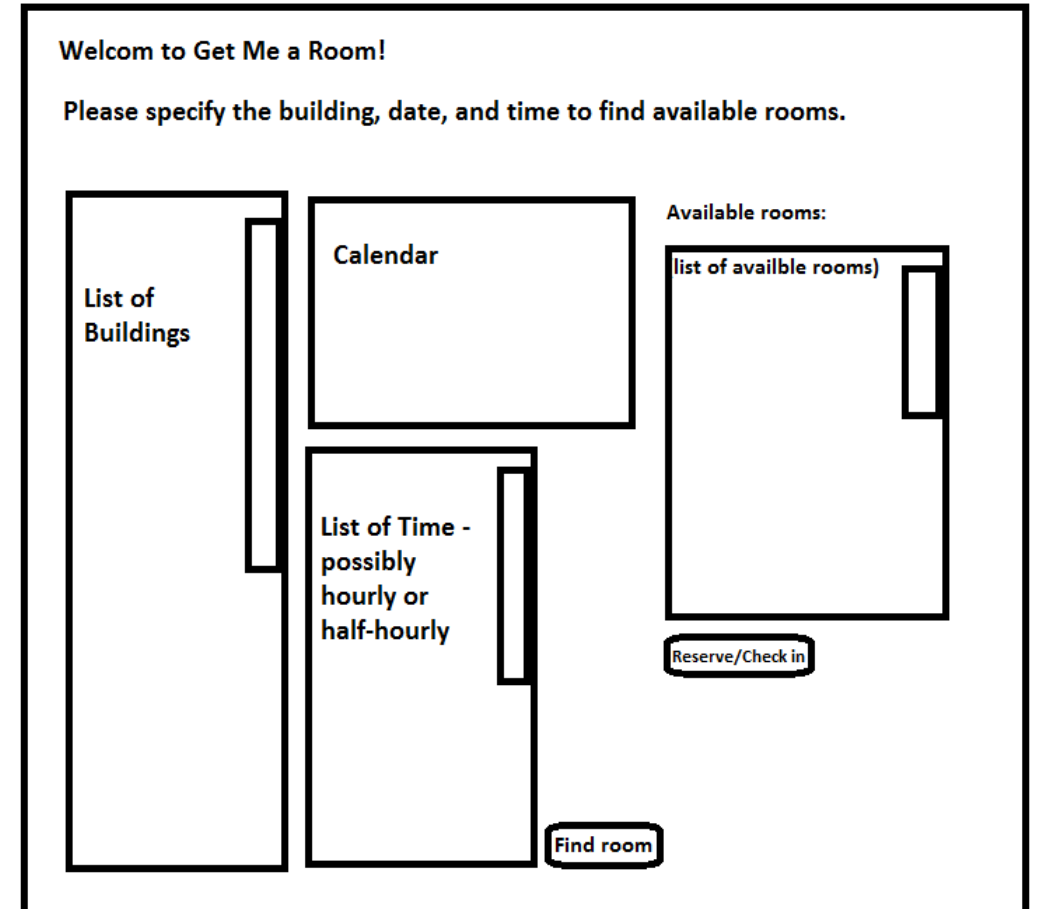
A simple way to find and reserve study space on the UW campus

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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 through 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