

Cost

Use low cost / custom Database
open source
Keep Overhead Low

- Royalty Free Graphics etc.

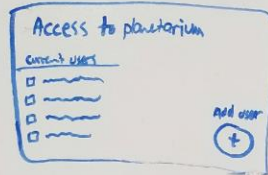
↳ Creative Commons

- Existing web Implementation

↳ Wordpress / Hosting
Site Builder

Manager control

Ability to cancel reservations
Ability to manage a permission list for certain rooms
- planetarium
- ide rooms
- computer labs
Given an overview of current reservations

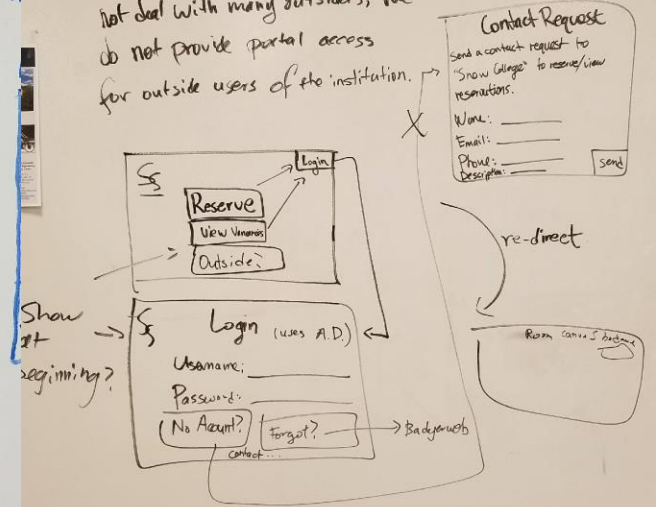


Notifications when certain rooms
are booked so they can provide
room support

Notifications when a problem is reported
with a room

Must Approve List

No Outsiders!
Because our Product Owner does
not deal with many outsiders, we
do not provide portal access
for outside users of the institution.



Notifications

What is it? Notify user of upcoming reservations by email/text/calendar notification

preferred notification method

- ☐ text
- ☐ email
- ☐ add to calendar

- sending notifications or invites to other users



"Share to your Network"

→ Anytime

→ Badge ID



Survey

Notify user if their reservation was cancelled
- offer options

Prioritization

show low priority reservations
- and allow users to Request Priority

- Allow users to override low priority Reservations without Manager involvement?

- Have users input a field for each reservation that determines its priority
Ex. Academic, Extra. C...

- Priority / Lock so managers can't change reservations made by sys Admin.

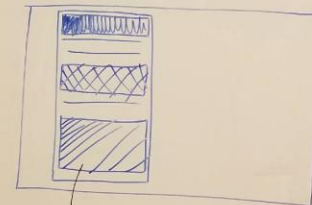
↳ Request change

Public Vacancy List

- Only Display Vacancies (then how does show low priority reservations)

- show by color? (Reserved high priority, Reserved Low priority, Unallocated space)

- similar to Google Calendar to add reservations (click unallocated area to add event etc.)



→ Info Request Override

Recurring/fast

Account w/
Institution
see 'simplicity'
* save info

- Minimize number of fields req'd
- Minimize clicks
- Minimize pages

Have students request from manager for recurring Reservations

- Only show Manager a ☒ for "Recurring" and display to the manager any conflicts that need resolved.

- Lightweight Site (For fast Loading)

- Conflict Manager

Reservations

A reservation is a specific sub time and location that is "owned" by the system user. All materials & equipment at the location are available for the system user's use.

Reservation Request

Account: 00111111

Name of Reservation (Text)

Time of Reservation Start - End

Building (Drop Down)

Description (Text)

Requires Additional Help (Pop Down)

Recurring ☒ other ☐

Is Visible to Public ☒ checkbox

Reserve/Request

- Pop Up

↳ "Your reservation can be overridden..."

Room Details Feedback

Room details explained for each room

- capacity (seats/chairs and tables)
 - location
 - size: dimensions
 - tech available
 - picture
 - ability to report an issue w/room and view unresolved issues
- Room detail page

Library:
ROOM 101

Details report an issue

Capacity: up to 10 people

Location: library 1st floor NW corner

Size: 16ft x 16ft

Tech available: tv

reported problems: tv doesn't work

Scalability

- Make sure it's easy to select Rooms in a given building.
- Easy To add Rooms/ Buildings/ Managers.
- Easy to edit/change reservations
- Dynamic Database

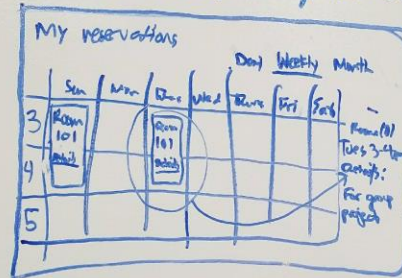
Simplicity

Make the process of reserving a room simple and obvious to the user

Use a calendar interface that is familiar

Allow users to be able to easily find a room that fits their needs **Filter**

Allow user to easily manage their reservations



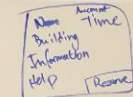
Similar interface for admins

Unity/Consistency

Throughout the experience on the web page, menus, style and experience are the same on all devices/browsers. All browsers are supported.



Not identical, but shows exact same thing in a similar layout.



Reservation Request

Everyone has some menu to request a room (even admins)



Looks same to all admins

web access

Access to reservations, approval, list of reservations, and back-end tools are all found on one single web portal available to all devices and users with an active internet connection.

First page gives general options.
Filter at beginning?

A wireframe sketch of a 'Main Page'. It features a header with 'Institution Logo' and a 'Login' button. Below the header are three buttons: 'Reserve', 'Vacancies', and 'Description of Page'. At the bottom, there is a link that says 'Click Here for Help'.

Main Page

Login First?

A wireframe sketch of a 'Reserve' page. It has a title 'Reserve' and a subtitle 'Choose a Building'. Below the subtitle are four rectangular boxes arranged in a 2x2 grid. To the right of this grid is a vertical rectangle labeled 'Vacancy List'.

A wireframe sketch of a 'Reserve' page. It has a title 'Reserve' and a subtitle 'Choose a room'. Below the subtitle is a large rectangular box.

with rooms available to specific user sets