

Meet With Nerds

A web application for Nerds at the Nerdery to reserve and find meeting rooms

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Features and Cost

The Nerderly is a digital strategy consultancy of human-centered designers and software engineers. They have offices across 4 different states with over 500 employees. Being a highly collaborative work environment, Nerderly employees hold and attend a lot of meetings. I dove deeper into the Minneapolis location to learn about the current room scheduling system and brainstorm ways to improve upon it with technology.

Currently the Nerds in Minneapolis use Google Calendar to manage room schedules. This system requires a lot of tribal knowledge as to where the rooms are located, what they are named, their size and what amenities are in each room. Double booking of rooms and squatting in unreserved rooms is common.

The Meet With Nerds app aims to save Nerds time in the room reservation process, avoid double booking, and provide a map for the many available meeting rooms.

Nerd Goals

Quickly find a meeting space that has the appropriate number of chairs and necessary technology in a convenient location. Communicate this meeting place to involved team members via email.

Admin Goals

Manage available meeting rooms for Nerds while keeping the room offerings current.

Current Nerd Journey Map

CURRENT PROCESS

Find a Room

Reserve a Room

Have a meeting

FIND A ROOM ASAP

Doing:

Need a meeting space

Look around for an empty room

Pick a room to squat in

Ask someone nearby to book the room for you

Have successful meeting

Be interrupted by scheduled meeting

Feeling:

"We should meet about this issue real quick."

"Ugh, where should we go? Is this room open?"

"Oh there is no one in here. Let's just use this room"

"Hey Sally, will you book Calhoun for the next hour for me"

"Awesome! Glad we talked about it. I'll get started and slack you about the progress."

"Oh you had this room booked? Sorry, we'll move."

Touch Points:

Team Members

Room
Team Members

Room
Team Members

Colleague
Google Calendar

Room
Team Members

Room
Team Members
Google Calendar

Pain Point: Wasting time looking for a room
Opportunity: Quickly show room availability near Nerd

Pain Point: Squating in a room leaves the Nerd uncertain of how meeting with go
Opportunity: Reserve the room and guarantee room availability

Pain Point: Bothering other Nerds
Opportunity: Solve the room problem for yourself, no need to bother another Nerd

Pain Point: Wasting time and energy moving rooms.
Opportunity: Avoid room confusion and double booking

FIND A ROOM FOR NEXT WEEK

Doing:

Need to schedule a meeting space for Friday

Check Google Calendars of all invited individuals

Find a time opening that works for all invited

Find an available room at determined time

Can't figure it out. Call front desk for help

Select room and invite people via email.

Have successful meeting

Other meeting ran late or somehow the plans changed. Have to go find another room

Feeling:

"We should meet with the whole project team this week."

"Ugh, when do we all have time?"

"Okay that took forever... but Wednesday at 11am seems to work."

"Oh good, Calhoun is free then!"

"Hi Katie... I need help!"

"I'll send an email."

"Awesome! Yay team!"

"Alright team, this room isn't ready yet. Let me try to find another one."

Touch Points:

Team Members

Room
Team Members

Room
Team Members

Colleague
Google Calendar

Room
Team Members

Room
Team Members
Google Calendar

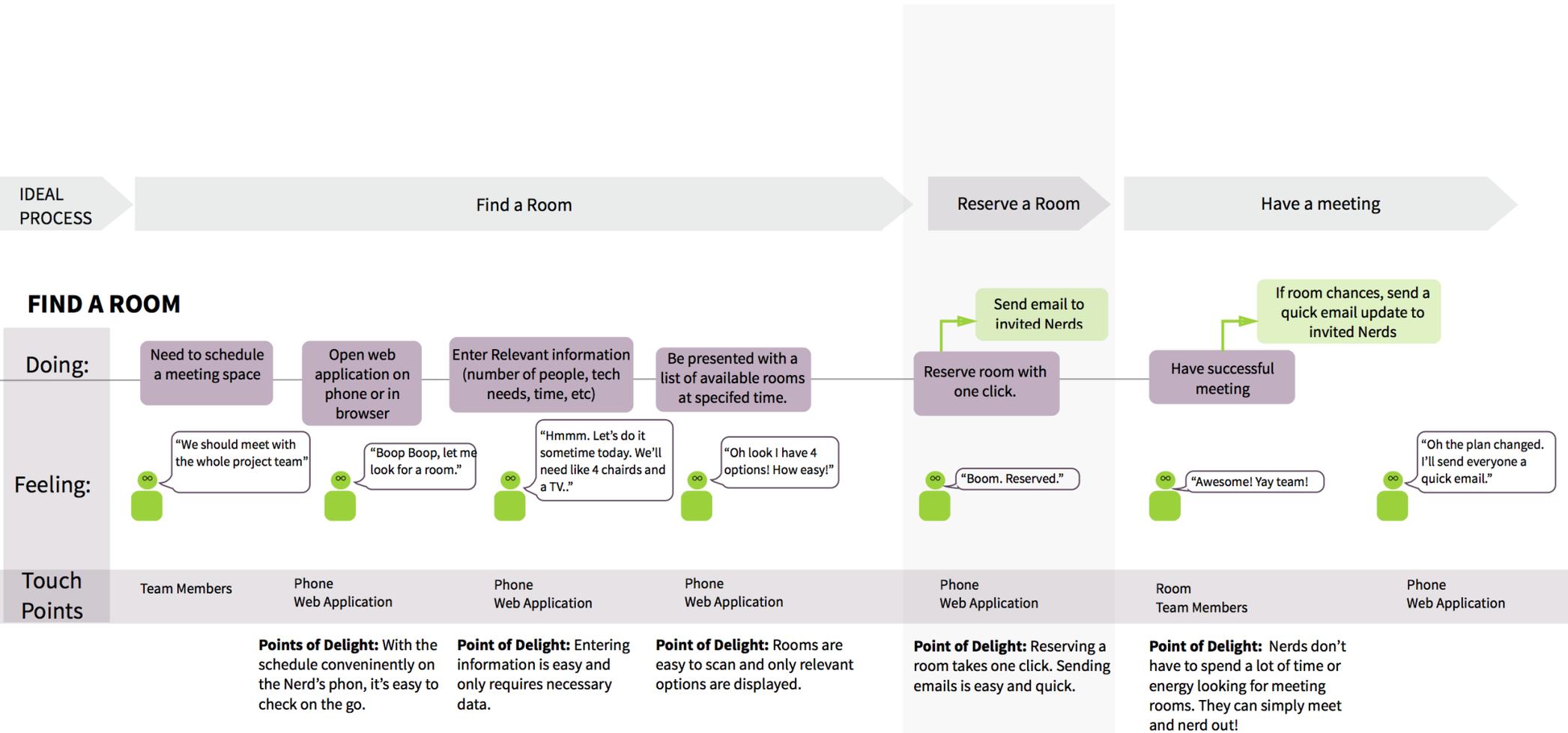
Pain Point: Looking through many Nerd's calendars is time consuming, confusing and requires prior authentication and a lot of clicks.
Opportunity: Have common time opening found automatically found and served up.

Pain Point: Don't know where all rooms are. No easy way to see all available options.
Opportunity: Display room options near me in a simple way.

Pain Point: Wasting Katie's time
Opportunity: Reserve a room without Katie's assistance.

Pain Point: Wasting time and energy moving rooms.
Opportunity: Avoid room confusion and double booking

Ideal Nerd Journey Map



Features and Cost

Meet With Nerds allows Nerderly employees to input their meeting room needs and quickly. They are automatically served available room options prioritized by their indicated needs.

With one click, the Nerd's are able to reserve a room and have the option to send an email invitation to colleagues. In the case of a Nerd looking for a meeting space in the future, there is field to include team members. This feature will automatically scan each of the invited Nerd's schedules and serve up a time when they are all available.

The Nerderly employees I spoke with commented that they would like to continue using Google Calendar. This web application integrates with Google Calendar real-time to avoid double booking and ensure their schedules are up to date.

The included estimates are for the MVO of Meet With Nerds. This application only includes building 9555, future iterations of the Minneapolis application would include building 9401. Looking forward even further, this application could be made for each building in each state.

Bucket of Features	Development Hours
Google Authentication	60 Hours
Data input & Email Invitation pop-up	85 Hours
Search Results	60 Hours
Email Meeting Invitation	10 Hours
My Meetings & Map Pop-up	15 Hours
Admin Room Editor & Confirmation pop-up	60 Hours
Admin Room Offering Editor	50 Hours
Admin Add Room	60 Hours
Total	400 Hours

1 By signing in with a Google Account, Nerds will authorize Meet With Nerds to access their Google Calendar. Integration with Google Calendar is essential.

2 Multiple tabs allow Nerds to move seamlessly between scheduling meetings and managing previously scheduled meetings.

3 Upon load, some fields would be preset to commonly expected answers. This web application will most often be used for immediate room scheduling needs, the team size is generally small, and 30 minutes is a common meeting duration. These suggested meeting presents came from Fred Deichler.

4 When Nerd selects a date range or specific date in the future, they will be served a popup asking them for the names of those invited. This will ensure the results are options that are available on all of the Nerds Google Calendars.

5 After entering the invited Nerds names, this button will appear to allow the Nerd to edit those invited.

6 On this page, Nerds will select what building they would like to search in. The MVO for this site only includes 9555. Adding building 9401 is a stretch goal for the future.



Meet With Nerds

Quickly find a meeting room for you and your Nerds.

nerd@gmail.com

Gmail password

1

Sign in with Google

60 hrs

Nerds Invited to Meeting:

@Fred Deicler
@Tom O'Connor
@Tyra Banks



Meet With Nerds

2

Schedule a Meeting

My Meetings

WHEN: ASAP

Between dd/mm and dd/mm

On dd/mm

Edit Invited Nerds

CHAIRS: 3

HOW LONG: 30 mins

6

BUILDING: 9555 9401

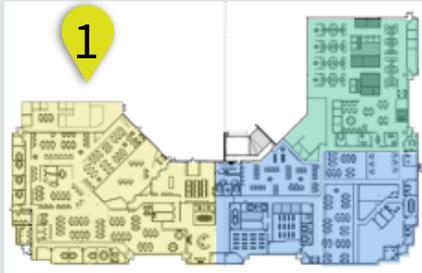
ROOM NEEDS: TV
 Phone
 Video Conference
 Client Ready

Find a Room

85 hrs

Schedule a Meeting

My Meetings



2 Available NOW for 3 people

Shire

Reserved



Moredor

Reserve

Available at 2:00 for 3 people

Batcave

Reserve

Pepin

Reserve

60 hrs

10 hrs

Schedule a Meeting

My Meetings



Available NOW for 3 people

Shire

Reserved



Email meeting invite to:

@Beyonce Knowles @Tim Gunn
@Mandy Moore

Notes

Send Email

1 This map of building 9555 is color coded into 3 sections. The rooms in that section are highlighted with the corresponding color. This helps Nerds find a room they might have little familiarity with.

2 The search results are ranked by relevance. The rooms at the top of the list met the most needs. Because the Nerd was searching for a room ASAP, he is presenting with the top choices available now and then he is presented with second best options.

3 The Nerd can reserve the room with one click. They can clearly see they have reserved the room because of the color change of the button. This will update their Google Calendar.

4 After the Nerd reserves the room, an email icon will show up to the right of the room result. This will allow the Nerd to email the scheduled meeting to colleagues.

5 Names in the Google contacts of the Nerd will auto-populate when the Nerd starts typing the names.

1 The Nerd can clearly see that they are in the 'My Meetings' tab because of the color change.

2 The Nerd can easily view the upcoming meetings they are scheduled for. Google Calendars is primarily used for managing schedules, but 'Meet With Nerds' allows Nerds to keep track of where meetings are on their hand held device. By clicking on the name of the room, the color coded map will pop up.

3 Nerds are only able to delete meetings they scheduled. They can do this by clicking the trash can. The person that scheduled the meeting is noted under the date and time of the meeting.



NERDERY
Meet With Nerds

Schedule a Meeting | **My Meetings**

Calhoun	5/25 @ 2:00	Scheduled by @ Beyonce Knowls	
Starwars	5/25 @ 4:00	Scheduled by You	🗑️
Calhoun	5/29 @ 2:00	Scheduled by @ Beyonce Knowls	
Harriet	6/3 @ 11:00	Scheduled by @ Fred Bleicher	
Middle Earth	6/3 @ 1:00	Scheduled by @ Beyonce Knowls	
Calhoun	6/4 @ 2:00	Scheduled by @ Tom O'Connor	
Harriet	6/3 @ 11:00	Scheduled by You	🗑️
Middle Earth	6/3 @ 1:00	Scheduled by @ Beyonce Knowls	

15 hrs

Meet With Nerds

9555

9401

Room Offerings



Edit Areas

Teal

5

Blue

+ Add a Room

Pepin



Calhoun



Phalen



Mille Lacs



60 hrs

Meet With Nerds

9555

9401

Room Offerings



Are you sure you want to pause
MILLE LACS?

No. Go Back

YES!
Email Nerds that have
this room reserved

Pepin



- 1 Navigation tabs clearly show what building the Admin is editing.
- 2 9555 is part of the MVO, 9401 would be included in future iterations.
- 3 The color coded map separates rooms into sections. The corresponding sections are below, denoted by color and title.
- 4 The Admin can delete, edit or pause a room from being scheduled. If they select delete or pause, they will see a popup confirming their decision. If there are already reservations for the room being deleted or paused, the Nerds will get an automatic email updating them on the availability of the room.
- 5 To add a new room, the admin can do that here.

1 As with previous screens, building is clearly noted in the navigation. 9555 is included in the MVO. Building 9401 will be added in future iterations.

2 Adding rooms is simple and quick.

3 The room offerings are selected with checkboxes. This list of options is generated from the Admin's room offerings list, which can be updated at any time.

4 On the room offerings page, the admin can add offering options. Unchecking the box removes the offering from the list provided to Nerds.

ADMIN

NERDERY

Meet With Nerds

9555 9401 Room Offerings

1

2 Add a Room

Room Name Nerdatorium

of Chairs 15+ ▼

Room Offerings TV Phone Video Conference Client Ready

3

Save Room

60 hrs

ADMIN

NERDERY

Meet With Nerds

9555 9401 Room Offerings

TV

Phone

Video Conference

Client Ready

+ ADD ROOM OFFERING

4

Save

50 hrs

Thank you

Contact me at [mollyhorton18\(at\)gmail.com](mailto:mollyhorton18@gmail.com) for more information

