USERS & GOALS

The user is an employee of The Nerdery who wants a quick and easy way to reserve adequate conference rooms for internal and client meetings.

The Nerdery is a large and successful software engineering company with many teams working on various projects. Each of these teams have a lead who often needs to schedule last minute meetings with employees and sometimes with clients.

The Nerdery's campus consists of two large buildings each with many conference rooms varying in size and amenities. Currently Nerdery employees (usually team leads) use Google Calendar to create events and reserve rooms. This works well for putting meetings on their calendar and alerting employees of these meetings, but problems arise when trying to find a room that meets their needs in terms of size and amenities.

The focus of this application is to create a system that is integrated with the Google Suite and is mobile ready for Nerdery employees to quickly reserve an adequate room.

USERS

MAIN USER: Nerdery employees (usually team leads) want a quick and easy way to book an adequate conference room.

ADMINISTRATOR: Front desk employees who want access to add or edit room information so that other Nerdery employees can quickly and easily book adequate conference rooms.

Features	Development Hours
Google Integration - Gmail Login - Google Calendar	**180**
What/When/Who Forms	**16**
Search Results	**50**
Room Details	**18**
Reservation Confirmation	**8**
My Reservations	**40**
Navigation Bar	**8**
Administrator	**120**
Total Dev. Hours	**440**

RECOMMENDED FEATURES

GOOGLE SUITE INTEGRATION

The employees interviewed stressed that they want a system that integrates with their current Google Calendar & Gmail alert system. This put the project 40 hours over budget, but is essential to the apps main function.

ADMINISTRATOR

The developers working on this project stressed the importance of an Administrator portal in which admins would be able to quickly add and edit room information.

MAIN USER

The bulk of features shown here are for the Main User of this application. Reserving a room, looking at room details, and editing their reservations are base features for the Main User.
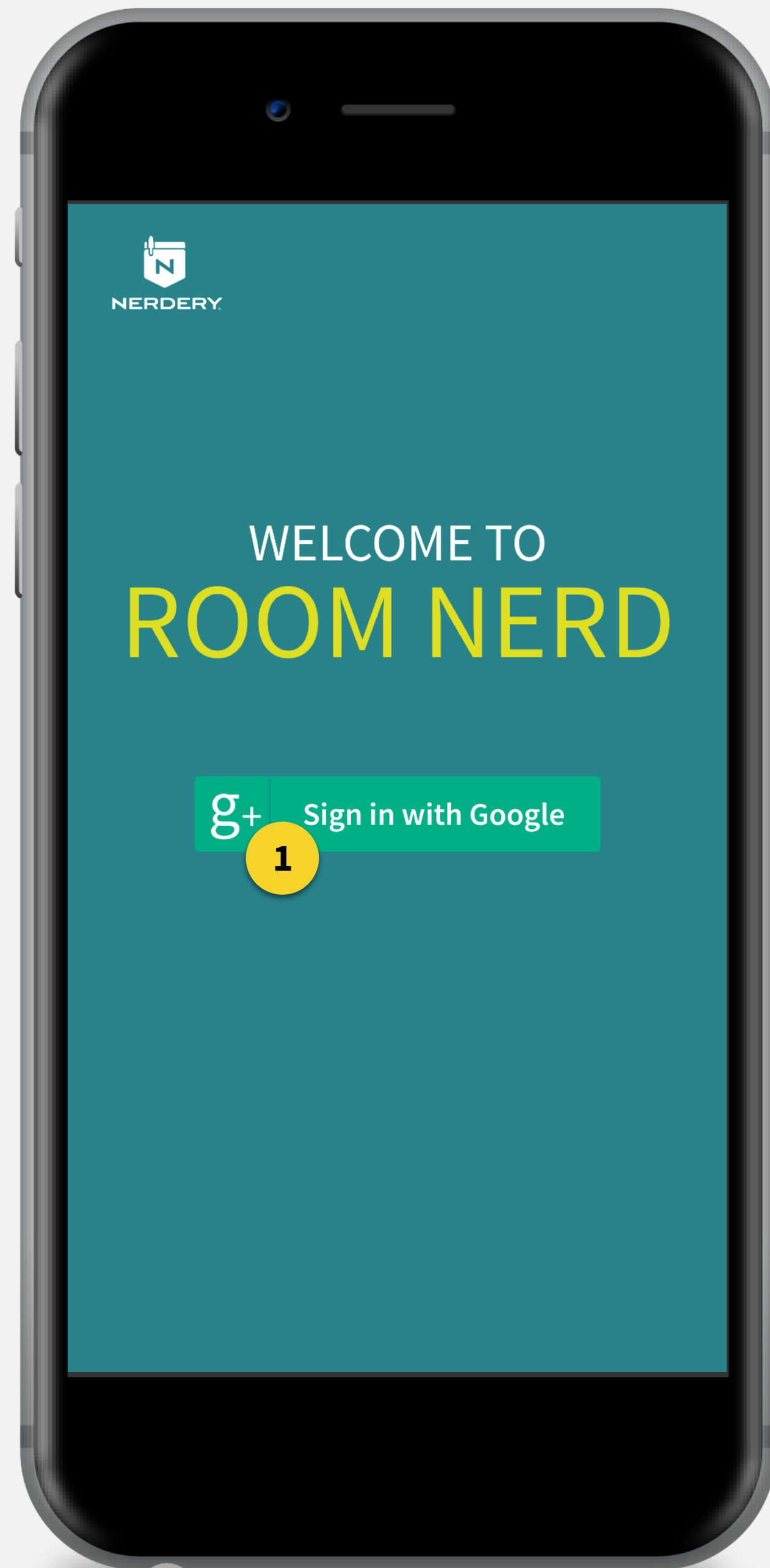
FEATURES FOR V.2

In the future these features would address more needs of our users:

- Geolocation (ability to sort rooms by soonest available AND closest in proximity)
- Admin ability to edit Main User reservations

Main User

LOGIN SCREEN

WELCOME TO
ROOM NERD

g+ | **Sign in with Google**

1

1 *User logs in with their existing e-mail in password.*

WHAT/WHEN

1 The "next" button takes the user to the next step in the booking process.

2 This is the event title that will show up in Google Calendar.

3 User inputs the date and time they wish to start. This auto populates with the current date and time in case they are looking for the soonest available.

4 When tapping on the start or end times this is how user would select their preferred times.

5 User selects end time for their meeting. (This time auto populates for 1 hour after start time)

HOURS: 8

★ Navigation bar will be addressed in upcoming page.

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NEXT **1**

Event title:

2 Super Extreme Strategy Meeting

When do you need a room?

Start **3** May 25, 2017   10:00am

End **5** May 25, 2017   11:00am

When do you need a room?
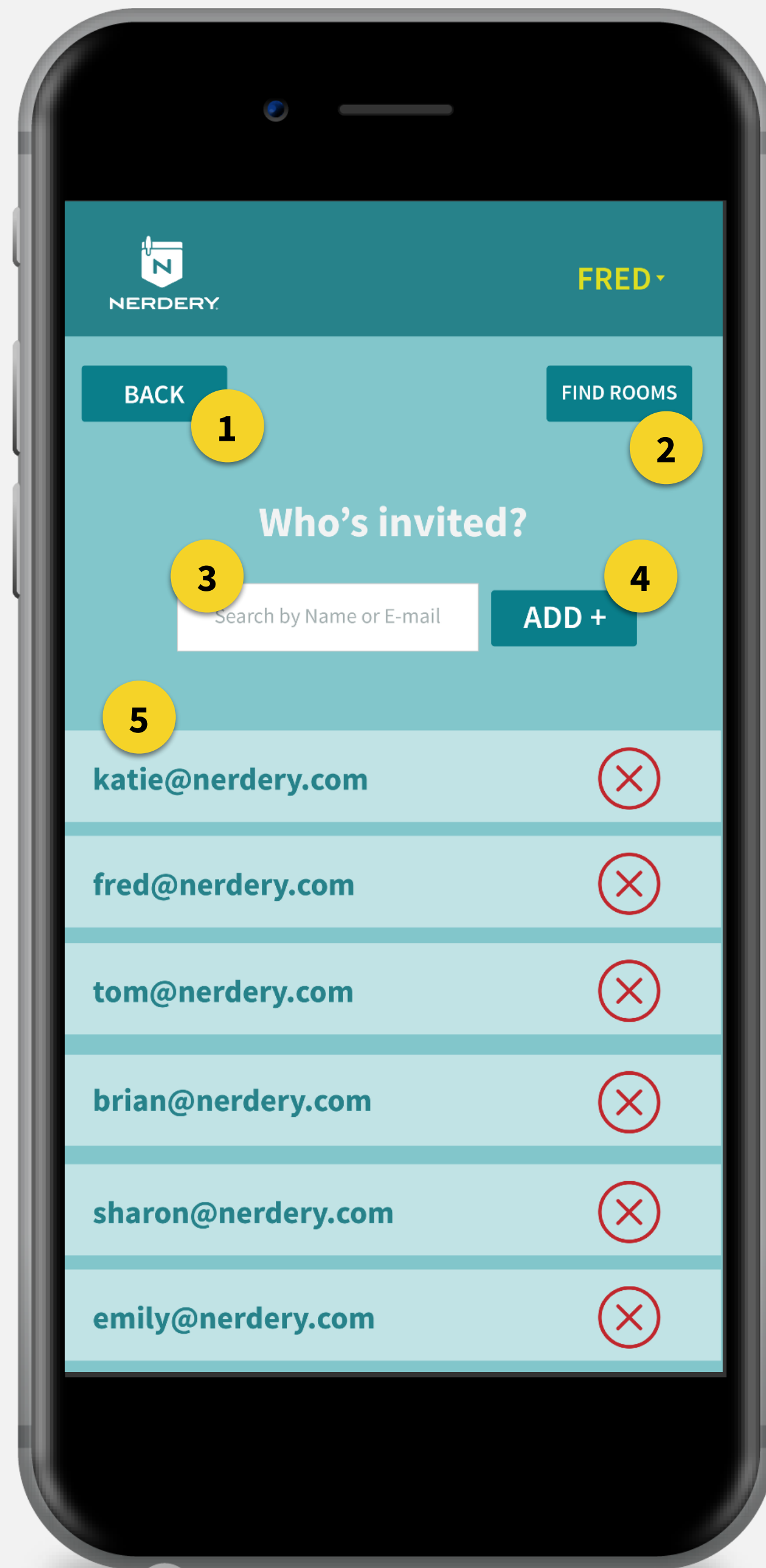
4

Start   May 25, 2017   10:00am

Starts   May 25, 2017   10:00 AM

Mon May 22   7   45
Tue May 23   8   50
Wed May 24   9   55
Today   10   00   AM
Fri May 26   11   05   PM
Sat May 27   12   10
Sun May 28   1   15

WHO

1 The back button takes user to previous screen.

2 "Find Rooms" button initiates results.

3 Searches names & e-mails to invite employees or clients to a meeting.

4 The "Add +" button adds the searched name or e-mail to the list below.

5 This list would populate when names/e-mails are added. If name was added in error the "x" allows user to remove that entry.
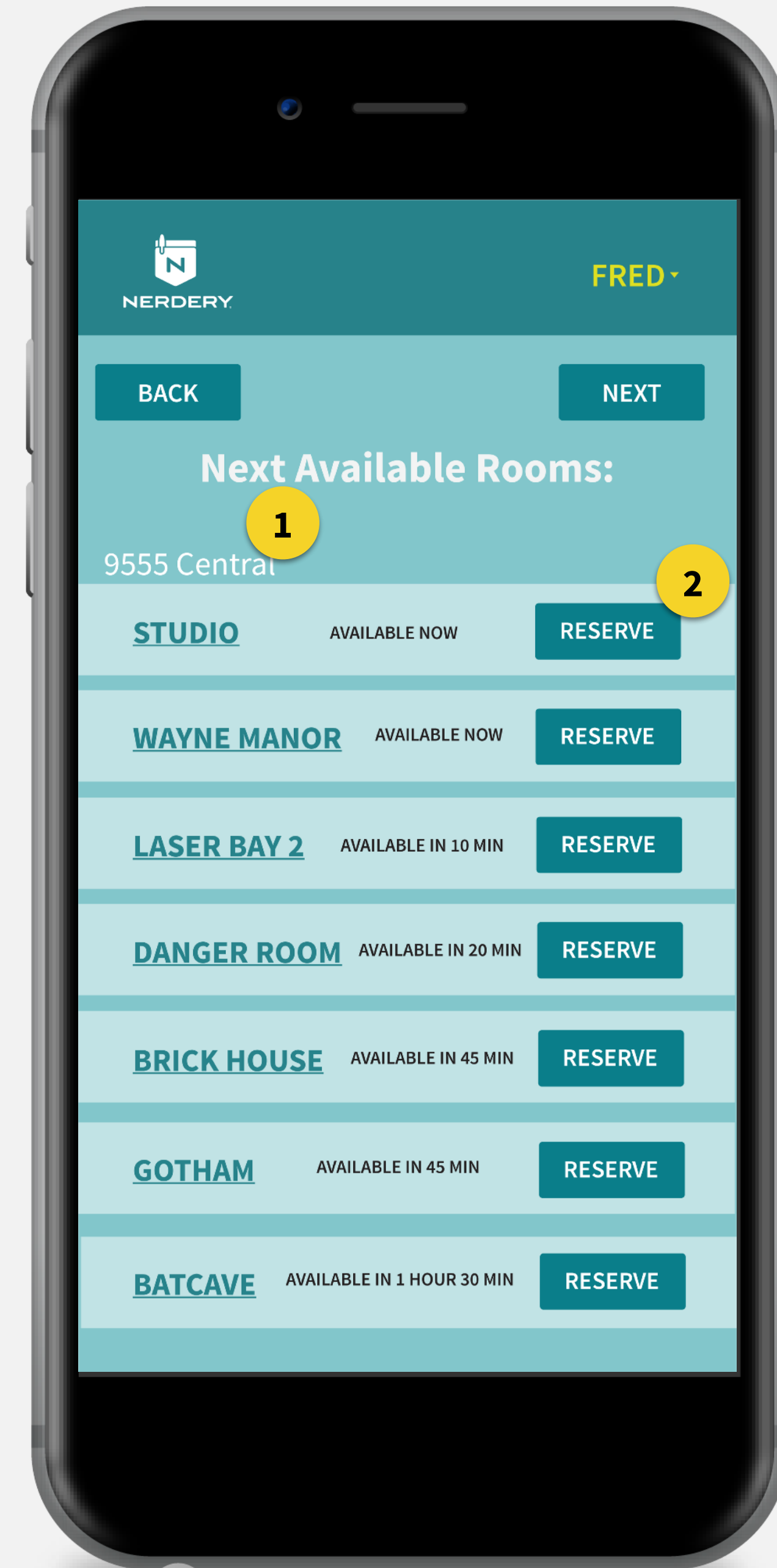
HOURS: 8

RESULTS

1 The results are sorted first by building and then by next available room in that building.

2 In this list users see a link to the room and it's details, when the room is available, and a button to reserve that room.

HOURS: 50

ROOM DETAILS

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BACK

RESERVE

1

2 Studio
(9555 Central)

3

- 5-10 people
- TV
- Web Cam

- White Board

4

TAP TO ENLARGE

5

1 *The reserve button reserves this room from when it is available to the end time user had chosen.*

2 *The name of the room and the building it is in.*

3 *A photo of the room.*

4 *A brief list of room details (tvs, white boards, min-max amount of people, etc)*

5 *A map of the floor plan of the building that the room is in with the room highlighted. (Tap/click image to enlarge)*

HOURS: 18

RESERVATION CONFIRMATION

1 A message to confirm with the user that their room reservation was successful.

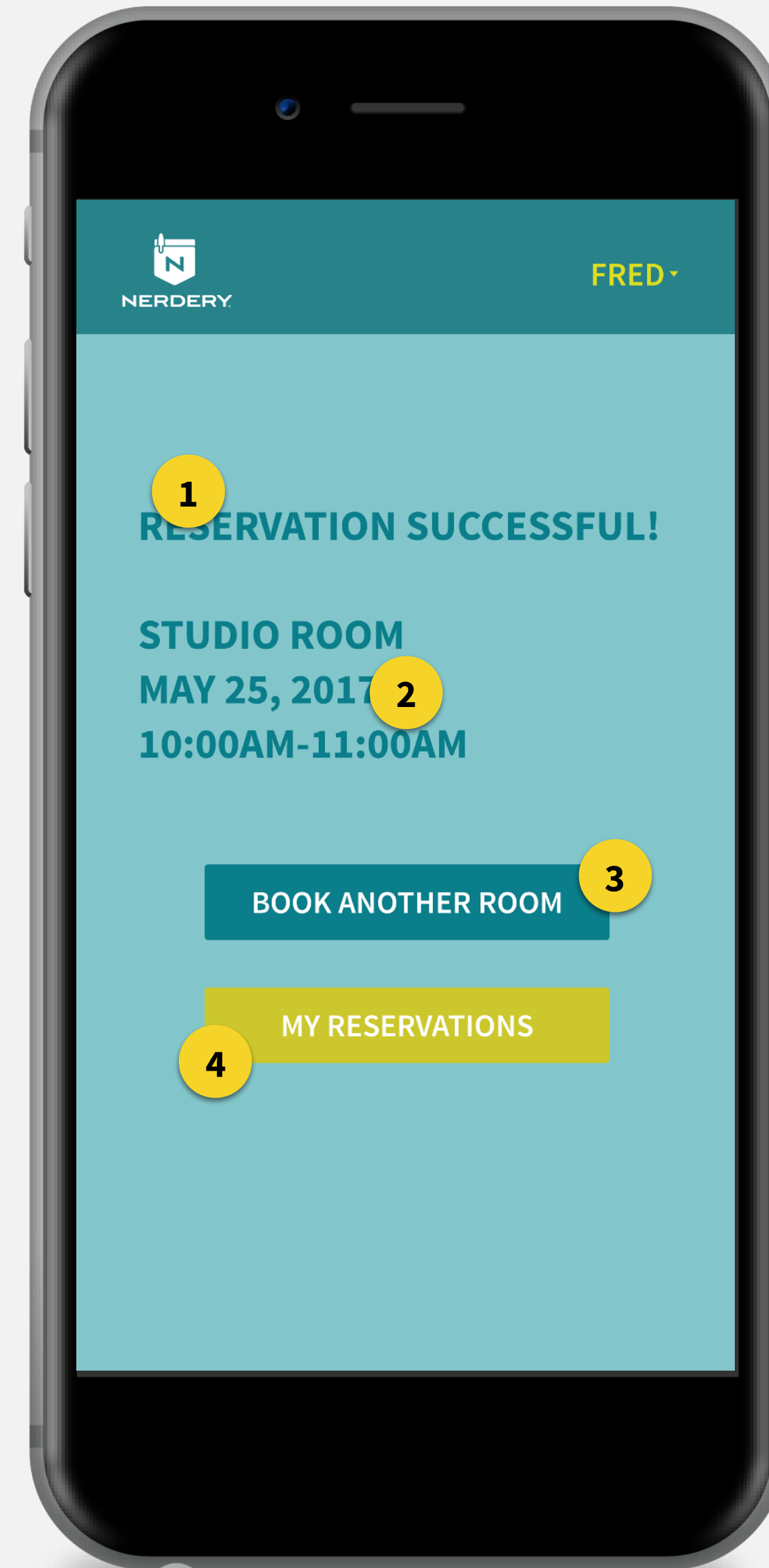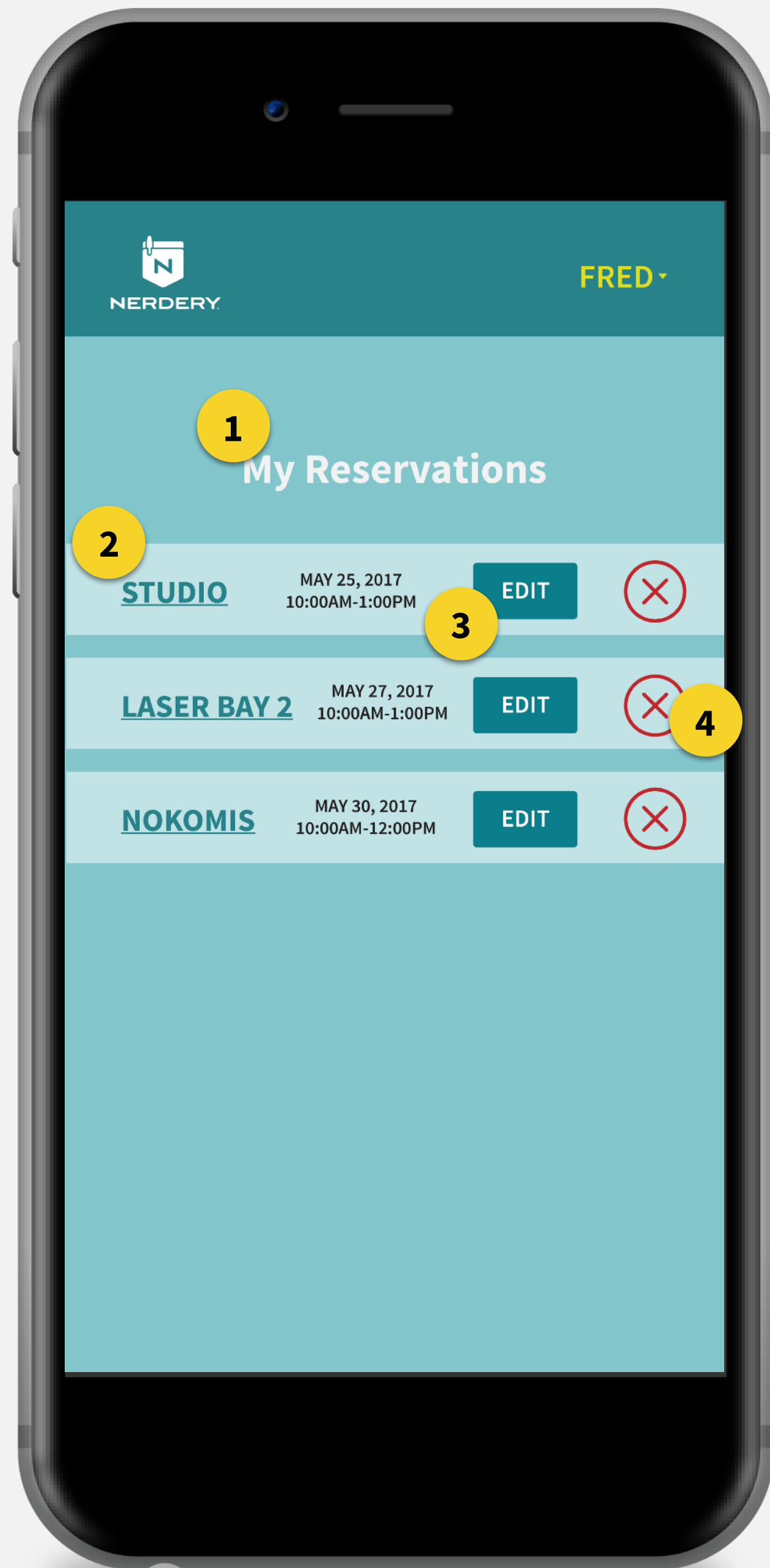**2** Details about what the user just reserved.

3 This button allows user to make another reservation.

4 This button takes users to a list of reservations they have made.

HOURS: 8

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1

RESERVATION SUCCESSFUL!

STUDIO ROOM
MAY 25, 2017 **2**
10:00AM-11:00AM

BOOK ANOTHER ROOM **3**

MY RESERVATIONS

4

MY RESERVATIONS

1 This title reinforces the fact that the user is looking at the reservations they have made. This page shows them the rooms they have booked in a list.

2 Each item on the list has the title of the room (which is a link that shows them the room's details) and the date/time they have reserved this room.

3 Each item on the list has an "Edit" button which allows them to edit their reservation.

4 Each item on the list has an "x" button which let's them delete their reservation.
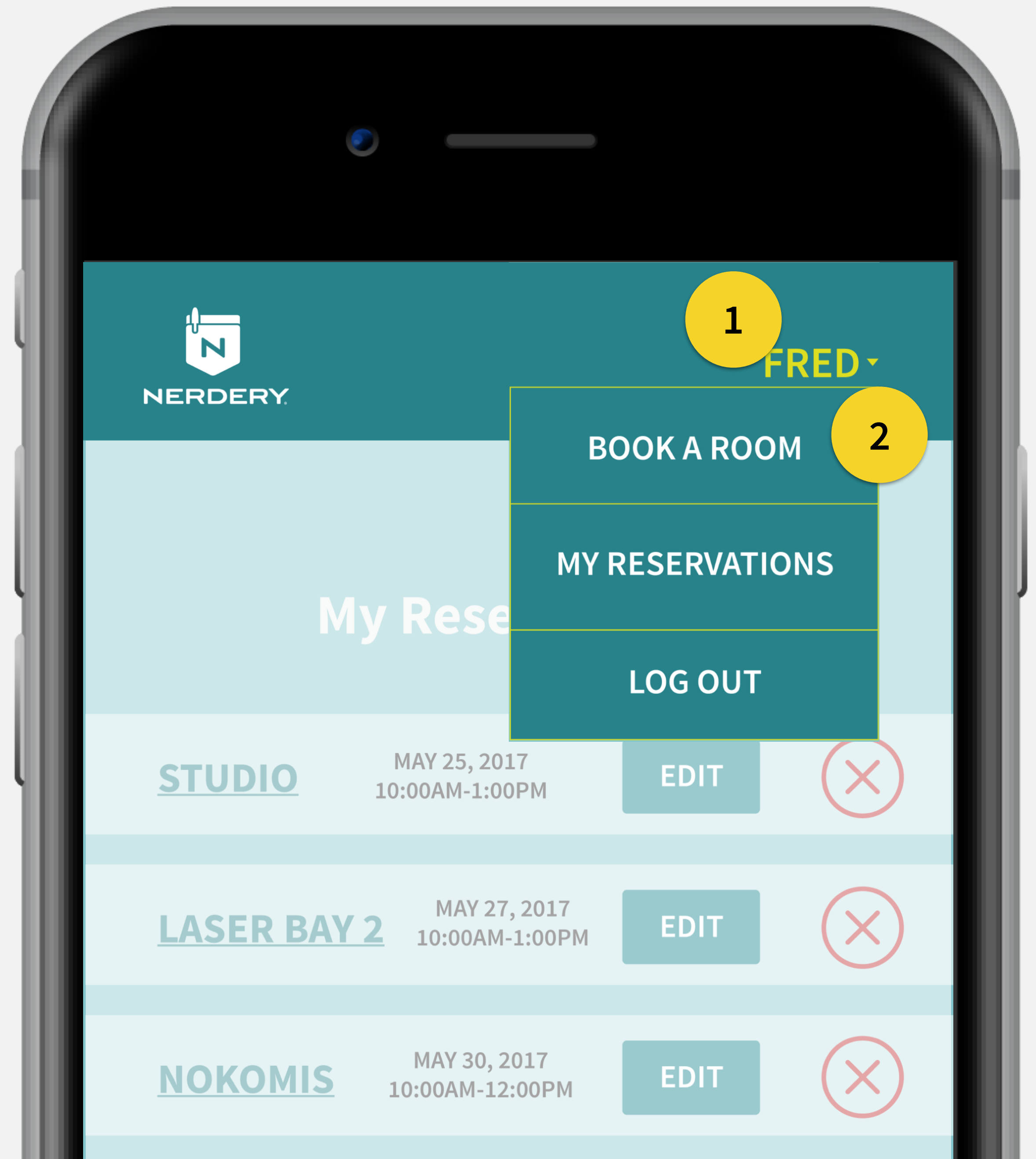
HOURS: 40

NAVIGATION BAR

1 Once logged in, the navigation bar will populate the name of user. When user taps/clicks on their name they will see this dropdown menu.

2 This dropdown menu is a simple hub where users can navigate to the "Book a Room" feature or the "My Reservations" feature. Users would also be able to logout from this dropdown.
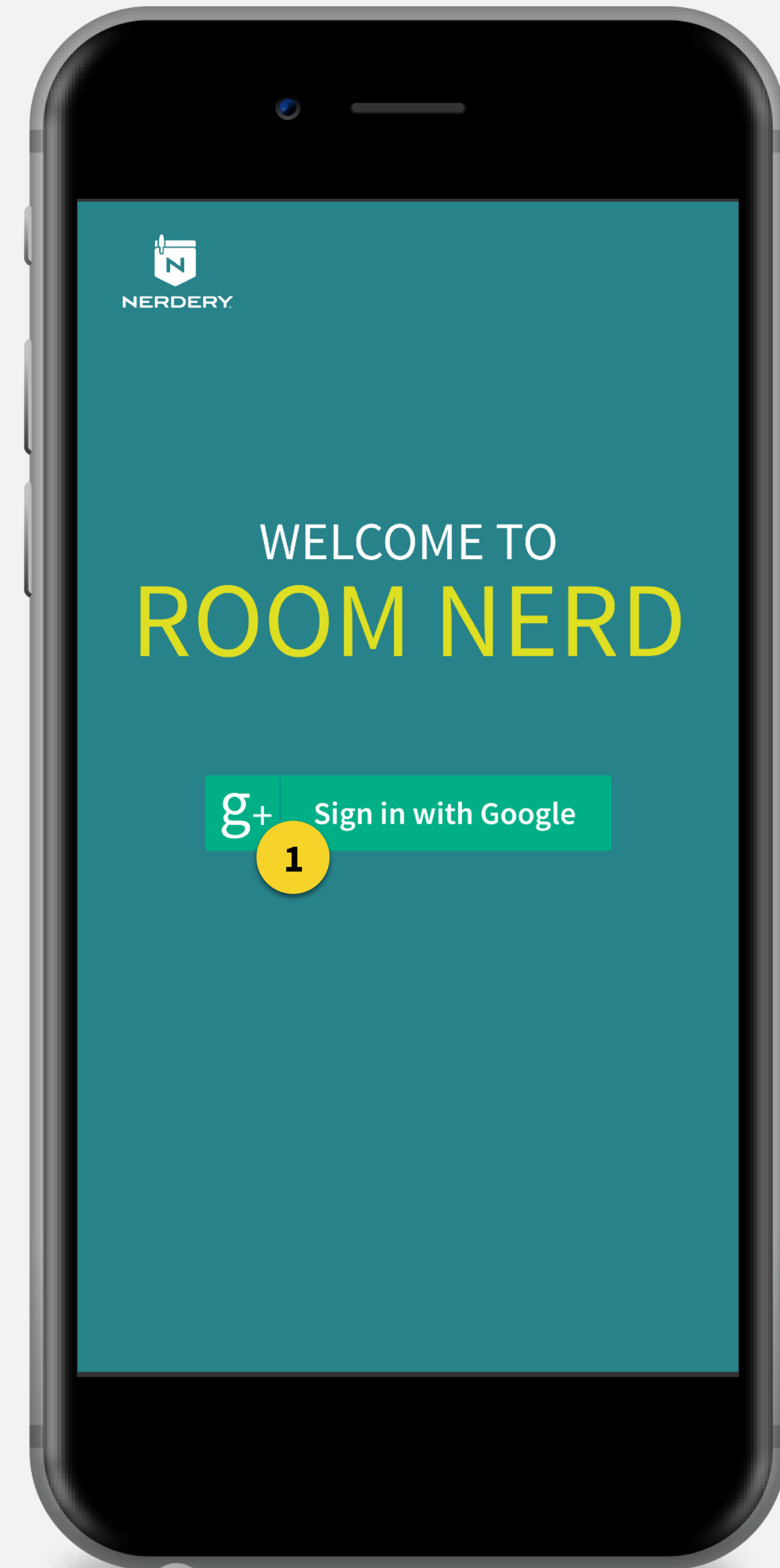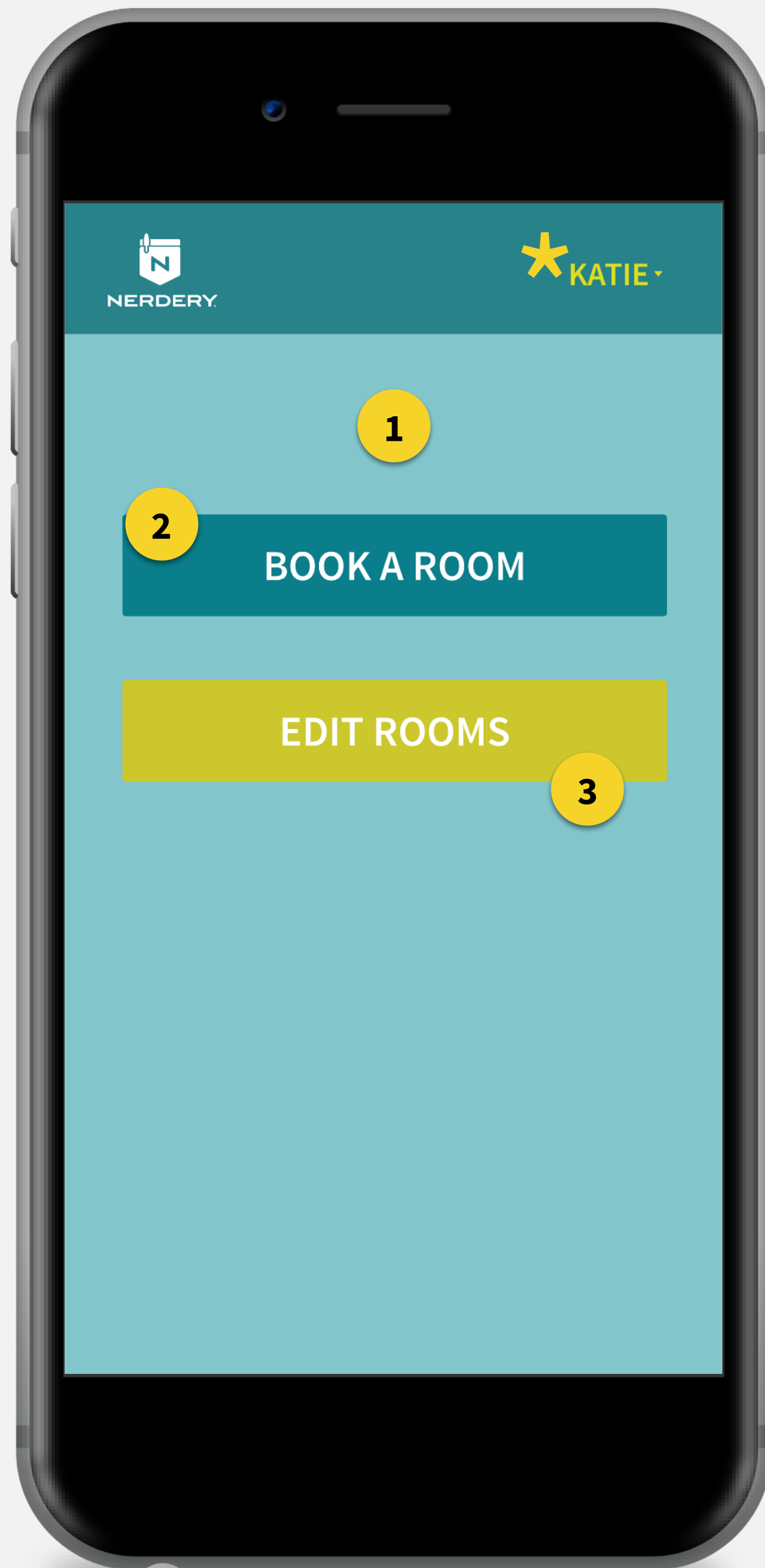
HOURS: 8

Administrator

TOTAL HOURS: 120

ADMIN LOGIN

(1) *Admin logs in with their existing e-mail in password.*

ADMIN HOME

1 Once logged in, admin sees this home page with two simple buttons.

2 Admin uses this button to book a room (uses the same process as general user).

3 Admin uses this button to edit information about the rooms.

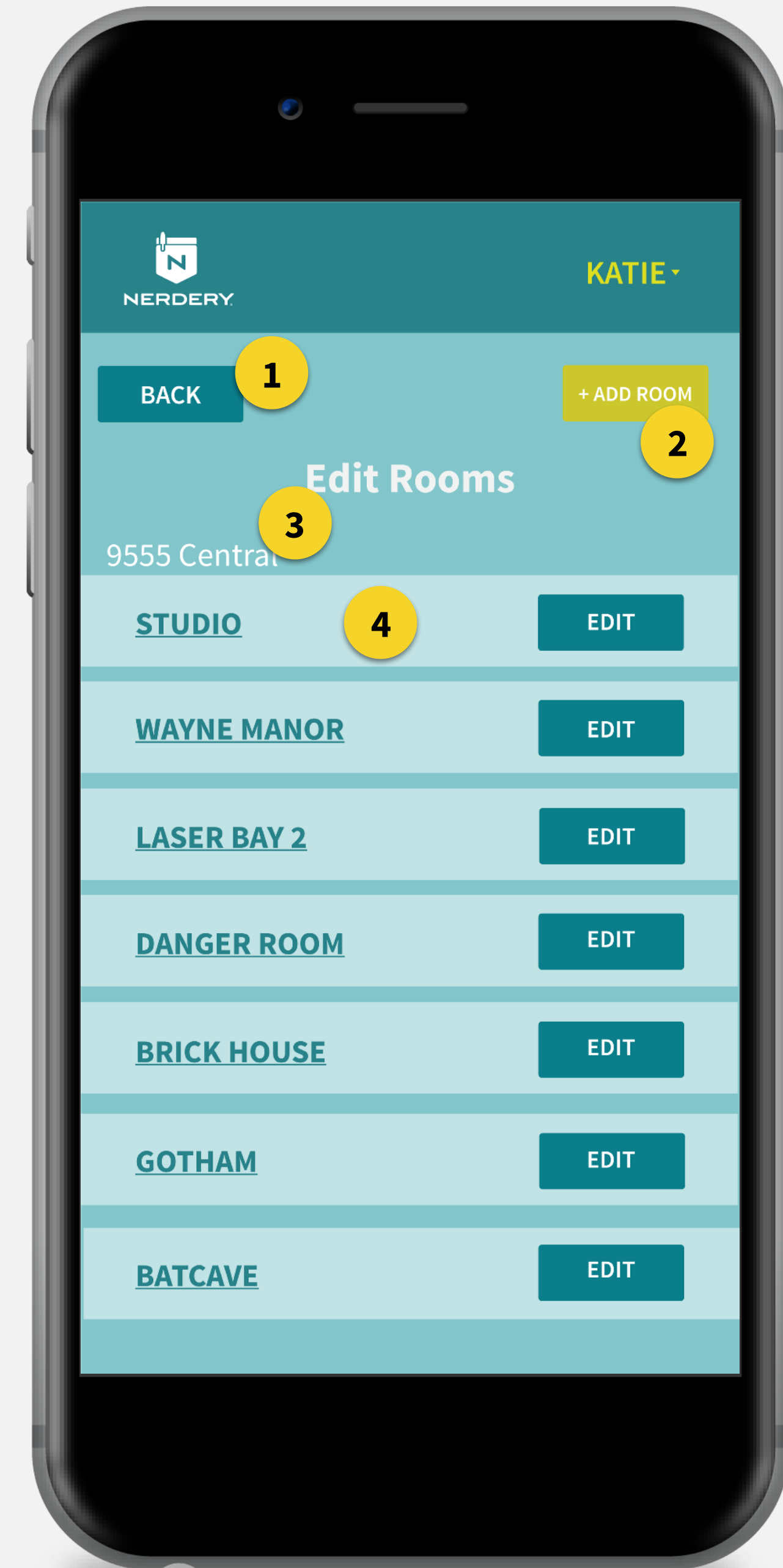⭐ *Navigation bar will be addressed in upcoming page.*

EDIT/ADD ROOMS LIST

1 *The back button takes admin back to the home screen.*

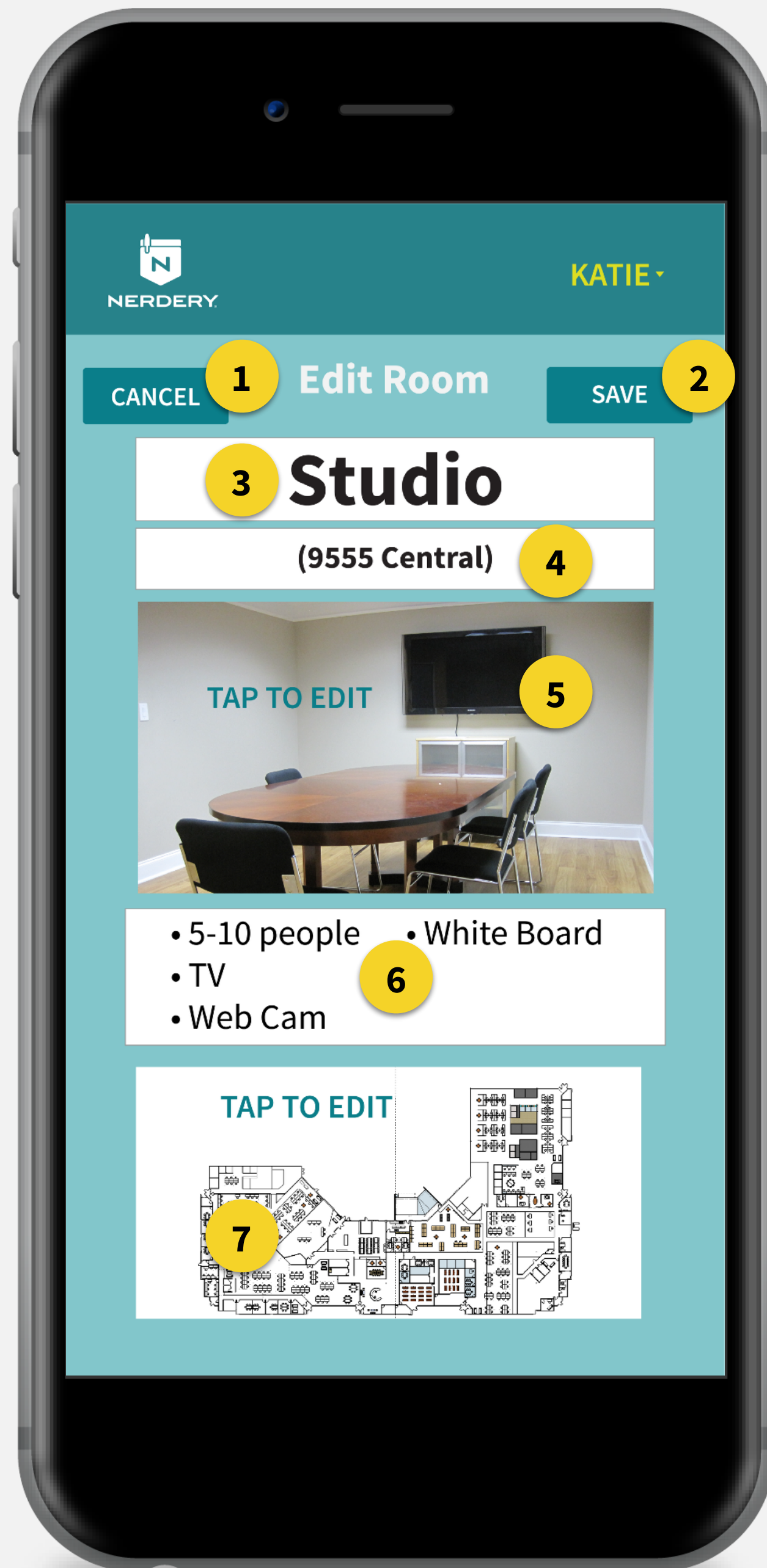**2** *The "+ ADD ROOM" button allows admin to add a new room to the list.*

3 *Rooms are organized by which building they are in.*

4 *On this list the Admin sees name of room and button which allows them to edit information about that room.*

AFTER SELECTING "EDIT"

EDIT ROOM

KATIE

CANCEL | Edit Room | **SAVE**

Studio

(9555 Central)

TAP TO EDIT

- 5-10 people
- TV
- Web Cam
- White Board

TAP TO EDIT

1. *"Cancel" button cancels this edit.*

2. *"Save" button saves edits made.*

3. *Edit the name of the room.*

4. *Edit the building this room is in.*

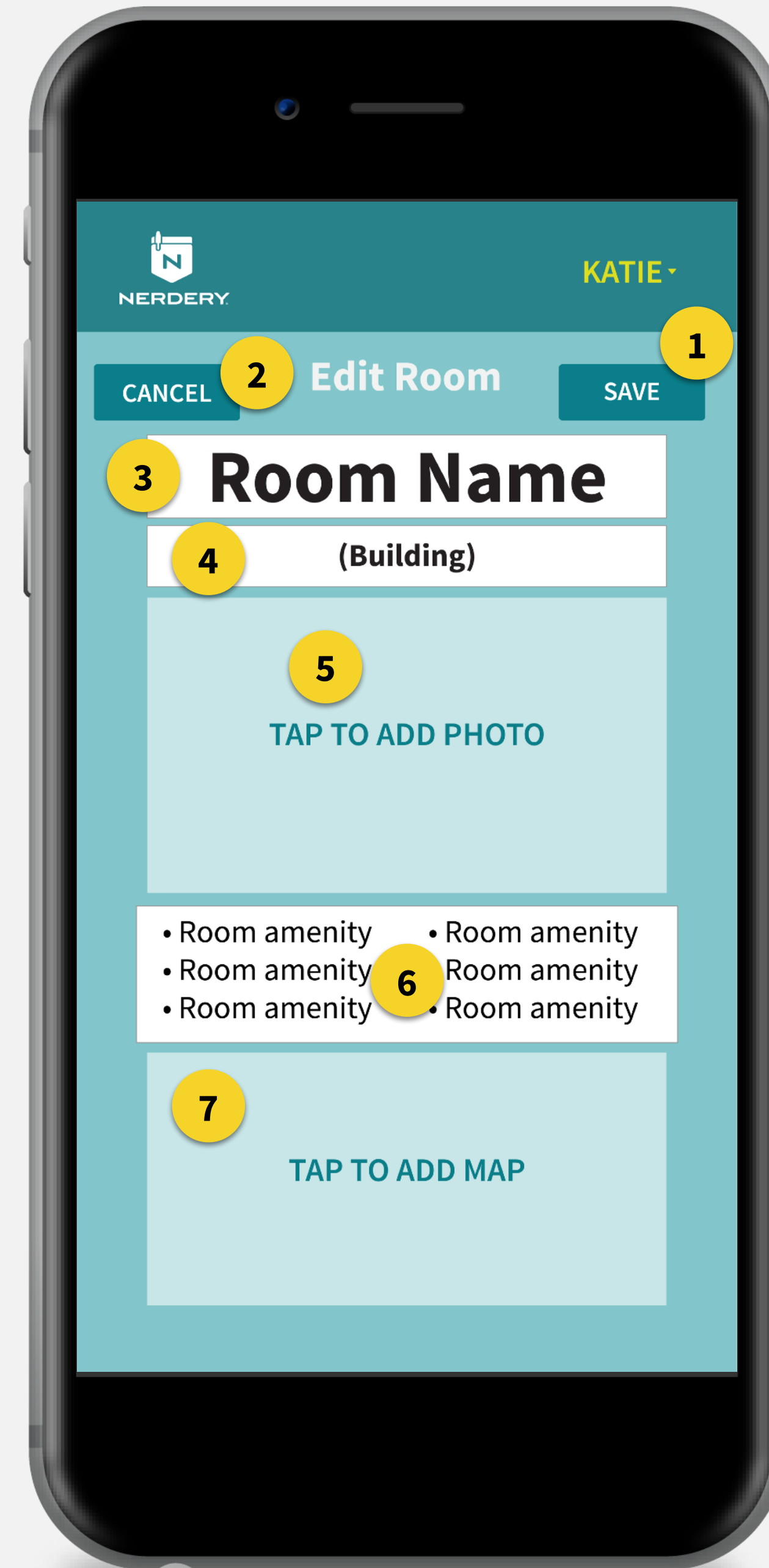5. *Admin taps/clicks on the photo to choose a new photo or remove current.*

6. *Admin can tap/click here to edit the room description.*

7. *Admin can tap/click here to choose a new map photo or remove current.*

ADD ROOM

1 *"Save" button saves this room.*

2 *"Cancel" button cancels adding a room.*

3 *Admin inputs name of new room here.*

4 *Admin inputs building location.*

5 *Admin taps/clicks here to add a photo of the room.*

6 *Admin inputs room description here.*

7 *Admin taps/clicks here to add a photo of a map of the room.*

KATIE

CANCEL **2** Edit Room SAVE **1**

3 Room Name

4 (Building)

5 TAP TO ADD PHOTO

- Room amenity   - Room amenity
- Room amenity   - Room amenity **6**
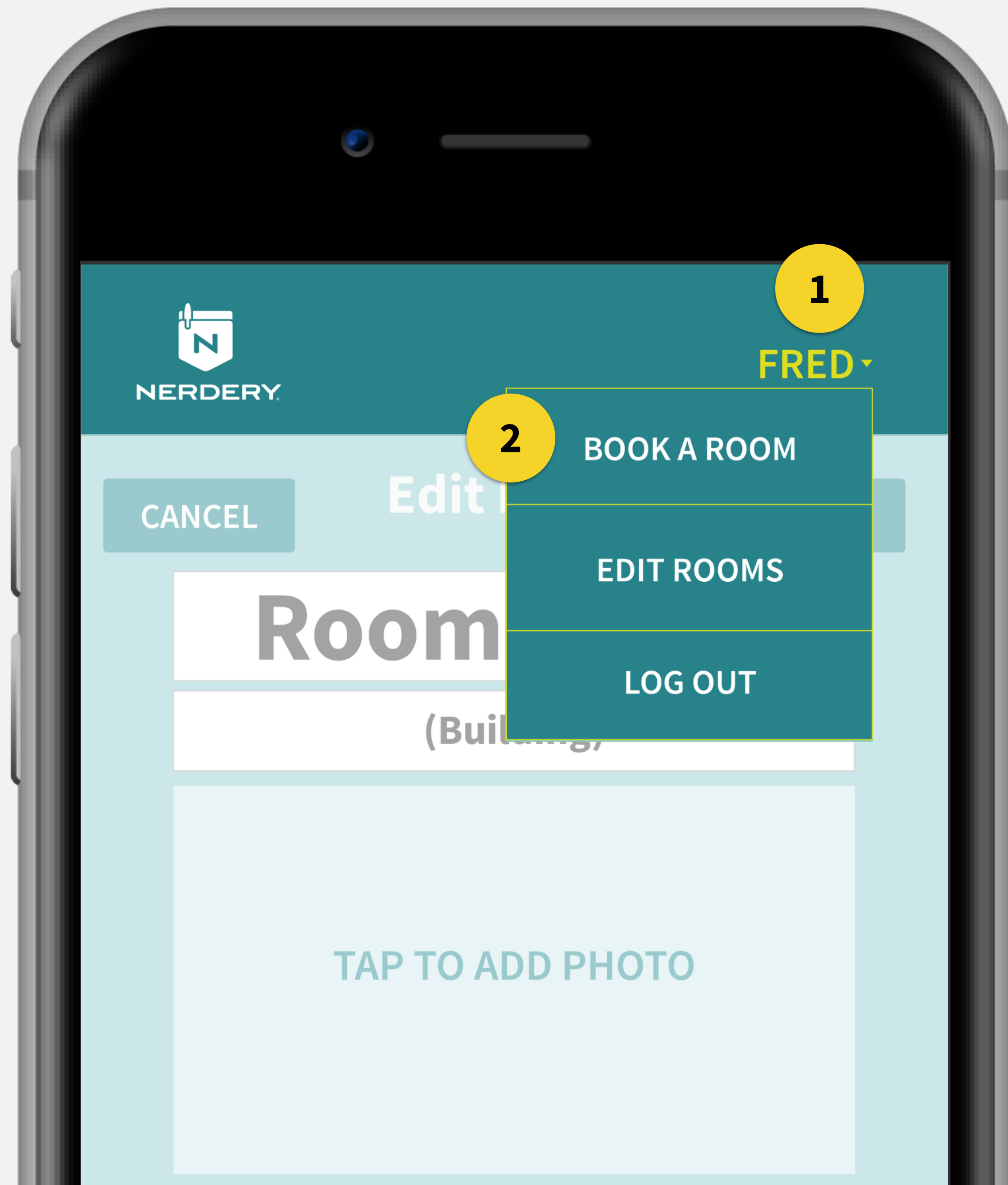- Room amenity   - Room amenity

7 TAP TO ADD MAP

NAVIGATION BAR

1 Once logged in, the navigation bar will populate the name of admin. When admin taps/clicks on their name they will see this dropdown menu.

2 This dropdown menu is a simple hub where admins can navigate to the "Book a Room" feature or the "Edit Rooms" feature. Admins would also be able to logout from this dropdown.

Thank You!

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