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# desking



Welcome to your documentation space!

Here are a few suggestions to get started::

- Explain how this documentation space should be used by selecting the Edit button and customizing this Overview page
- Select Create  to make a new page in your space
- Add links to tools, guides, and other documentation resources
- Bookmark our [documentation guide](#) to learn how to create and improve documentation
- Explore the sample pages we've created for you

[How-to article](#) [Meeting notes](#) [Master project documentation](#)


Remove this panel once you're ready to share your space with team members.

[Documentation overview](#) | [User guide](#) | [Most viewed documents](#) | [Recently updated](#)


## Documentation overview

Explain the purpose of this space and provide a high-level overview of what documentation is included.

## User guide

Explain how your documentation is organized and how users should navigate this space. Type  to add a diagram.

## Most viewed documents

Add the most viewed documents by typing .

## Recently updated

You'll see the 5 most recently updated pages that you and your team create.

-  [API Design](#)  
about 7 hours ago • contributed by Raghavendra Singh Chauhan
-  [API Details and returned objects](#)  
yesterday at 11:12 AM • contributed by Rutvik Modi
-  [Meeting agenda](#)  
Aug 13, 2021 • contributed by Dushyant Pathak
-  [DB Schema](#)  
Aug 13, 2021 • contributed by Dushyant Pathak
-  [User stories](#)  
Aug 13, 2021 • contributed by Dushyant Pathak

## DB Schema

\*Admin

Team

- TeamID
- Team Name
- Division

User

- Team ID
- userId - autogenerated
- Fname
- Lname
- email
- role - user/admin

Building

- noOfFloors
- buildingId
- buildingName

Seat

- seatId
- bool booked : true/false
- buildingId
- floorNo
- bool blocked (social distancing) : true/false - done by admin only

Bookings

- bookingId
- DateTime of booking
- userId
- seatId

## Meeting agenda

13th August team only meet

- ☒ General word, senior's advice
- ☒ User stories
  - ☒ Update all
  - ☒ Prioritize major ones
- ☐ DB schema
  - ☒ Team
  - ☒ Building
  - ☒ Any other changes to schema
  - ☐ Create schema design/class diagram task and assign to someone from backend
- ☒ Product flow - UI perspective
  - ☐ Core functionalities
    - ☐ Sign in via email
    - ☐ Select building
      - ☐ team recommendation
    - ☐ View seats in diff colors

- ☐ Book seat - opens modal
- ☐
- ☐ On the right
  - ☐ Your upcoming bookings
  - ☐ Cancel booking
- ☐ Create task and assign to @ Dushyant Pathak
- ☐ UI
  - ☐ Finalize component structure
- ☒ API Design
  - ☒ Major endpoints discuss and finalize
  - ☐ Create task update API Design doc - @ Dushyant Pathak
- ☐ Reminder system
- ☐ GCP
  - ☒ Look at the project on console and understand the flow
  - ☐ CI/CD - how to go about it
  - ☐ Do a sample deploy, if possible\*\*
  - ☐ Create and assign task to @ Samanvay
- ☐

Meeting agenda - 13th Aug UI meet

- ☐ Navbar
- ☐ Task allocation
  - ☐ Harsh - Building UI
  - ☐ Shreyas - Seating grid
  - ☐ Dushyant - Form

## API Design

1. POST /desking/signin
2. GET /desking/buildings
3. GET /desking/getrecommendations/{userId}/{date} - Get Recommendations
4. GET /desking/buildings/:id - returns all seats for the building
5. GET desking/booking/{userId} (List of bookings of a User)
6. POST desking/booking/create (Create Booking)
  - a. User
  - b. DateOfBooking
  - c. Seat

This will return bookingId

7. DELETE desking/booking/{bookingID} (Delete Booking)
8. PUT desking/seat/block/{seatId} (Block Seat)
9. GET desking/booking/allDetails (Fetch all bookings details (userId, fName, lName, email, bookingId, seatID, floorNo, buildingId))
10. GET "desking/seatsbooked/{date}" (fetch all booked seats on given date)

## User stories

Format : As a \_\_\_, I want \_\_\_ so that \_\_\_

Eg : As a user, I want a colored view of available seats so that I can book one of the empty seats.

1. As a user, I want to sign in so that I can book and view my reservations
2. As a user, I want to select an office building
3. As a user, I want to view a list of all seats in the office
4. As a user, I want to view the available seats in the office so that I can choose
5. As a user, I want to view the list of occupied seats in the office
6. As a user, I want to book a seat for a day so that I can work there.
7. ~~As a user, I want to edit an existing booking to postpone it or change seat.~~
8. As a user, I want to delete an existing booking so that it can be rebooked by someone else.
9. As a user, I want a reminder of my booking on the previous day so that the booking is not wasted.
10. As a user, I want to know the percentage of seats empty.
11. As an admin, I want to be able to edit the blocked seats based on social distancing norms and wear and tear
12. As a user, I want seat location of my friends visible to me, so that I can connect easily.
13. As a user, I want info on a seat so that only I am assigned to my booked seat.

## API Details and returned objects

<https://rutvikmodi.github.io/API-doc/>

API documentation.