

Note: To use endpoints use localhost:3000/api

Pinecone API

Note: all inputs are strings

Endpoint	Method	Description	Input JSON	Output JSON	Possible Errors	Scope
/map	GET	Renders the map page	nothing	multiple building items	ejs error (due to rendering nothing beacuse of an empty database)	All
/map/loadBuildings	GET	Retrieve the building list from db	nothing	building name and address		All
/map/marker	POST	Get building information based on post request	building name	building name, address, latitude and longitude	none	All
/room	GET	Renders the room criteria form	nothing	multiple room items	ejs error (due to rendering nothing beacuse of an empty database)	All
/room	POST	Add a room to db			400: missing required input	All
/room/viewrooms	POST	Get list of rooms according to form criteria	form data	room item	400: missing required input	All
/room/list_rooms	GET	Get list of all rooms	nothing	multiple room items	ejs error (due to rendering nothing beacuse of an empty database)	All
/room/:room_number	GET	Query rooms to get a room by room number	room number	room item	403: invalid room number	All
/room/:room_number	DELETE	Delete a room	room number	nothing		Admin
/:room_number/:booking_id/:start_time	PUT	Delete a room schedule element	room number, booking id and start time	nothing		Admin
/search/:search_query	USE	Queries db to find any room that matches the search query	search	multiple room items		All
/:room_number/book_room	USE	Books the room selected by the user	room number	nothing		All

	/login	GET	Get the user name from the session variable and load the main page	nothing	nothing		All
	/login/newlogin	USE	Add the user to the session and load the main page	form input	name and email		All
	/user	GET	Get list of all users	nothing	multiple users items		All
	/user	POST	Add new user and load main page	user object			All
	/user/:email	GET	Find user by email	email	user item		All
	/user/:user_id	DELETE	Delete the user	user id	nothing		Admin
	/home	GET	Get the list of events and render to main page	nothing	multiple events items		All
	/home/profile	USE	Get the user name from the session variable and users bookings and display it in user profile	nothing	multiple room schedule items		All
	/event	GET	Get list of all events				All
	/event/:room_number	GET	Query rooms to get a room by room number	room number	room item		All
	/viewroom	GET	Render view room page	nothing	nothing		All
	/viewroom/:room_number	GET	Queries db to find any room that matches the search query and display rooms in viewroom page	room number	room item		All

	/viewroom/:room_number/view	USE	Queries db to find any room that matches the search query and book the room	room number and search criteria (input from room criteria page)	multiple room items		All
	/admin	GET	Render admin page				Admin
	/admin/:room_number	GET	Render the room into editroom page	room number	room item		Admin
	/admin/:room_number	PUT	Update the room in the db	room number	nothing		Admin