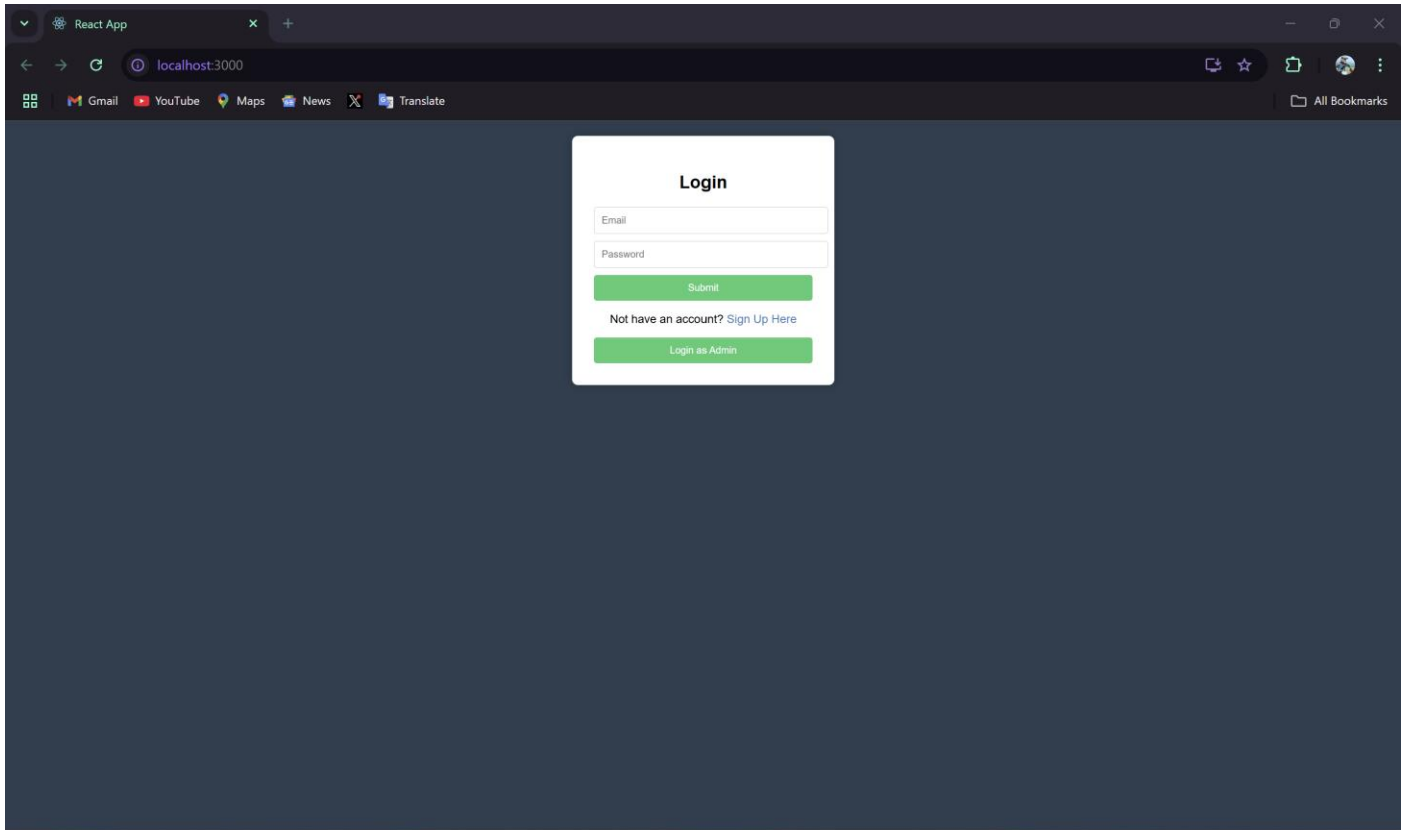
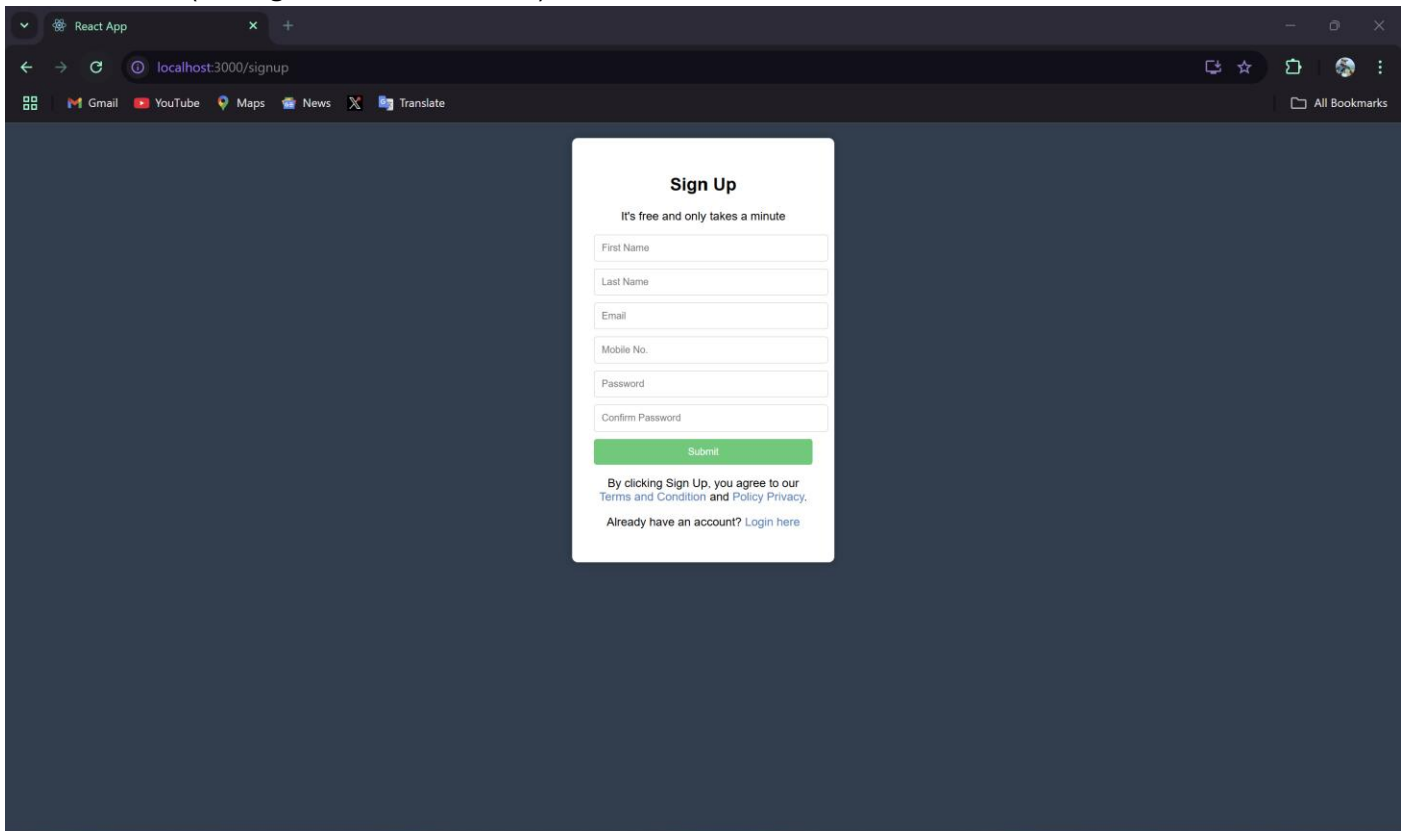


LOGIN PAGE (As user)



A screenshot of a web browser displaying a login page. The browser's address bar shows 'localhost:3000'. The page has a dark blue background. In the center, there is a white card titled 'Login'. The card contains two input fields: 'Email' and 'Password'. Below these fields is a green 'Submit' button. Under the button, there is a link: 'Not have an account? [Sign Up Here](#)'. At the bottom of the card is another green button labeled 'Login as Admin'.

SIGN UP PAGE(For registration of new user)



A screenshot of a web browser displaying a sign-up page. The browser's address bar shows 'localhost:3000/signup'. The page has a dark blue background. In the center, there is a white card titled 'Sign Up'. Below the title is the text 'It's free and only takes a minute'. The card contains six input fields: 'First Name', 'Last Name', 'Email', 'Mobile No.', 'Password', and 'Confirm Password'. Below these fields is a green 'Submit' button. Under the button, there is a paragraph: 'By clicking Sign Up, you agree to our [Terms and Condition](#) and [Policy Privacy](#).' followed by a link: 'Already have an account? [Login here](#)'.

As of now, we only have only one users, and will be creating a new one:

The screenshot shows the MongoDB Atlas web interface. The breadcrumb navigation indicates the path: Dhanush > EventbookingDB > users. The 'Documents' tab is selected, showing 1 document. The query bar contains a placeholder query: { field: 'value' } or [Generate query](#). Below the query bar are buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE'. The document content is displayed in a code block:

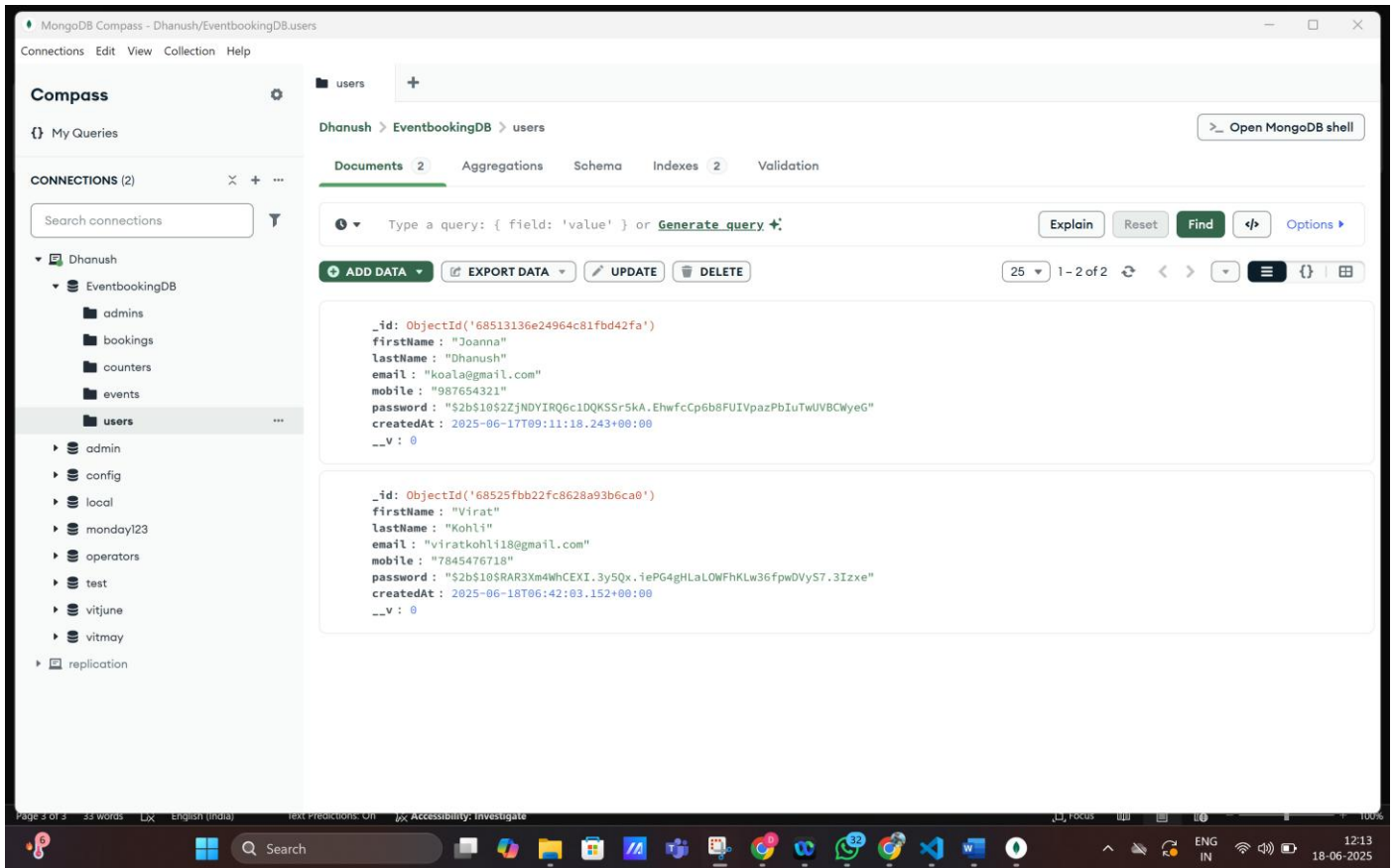
```
_id: ObjectId('68513136e24964c81fbd42fa')
firstName: "Joanna"
lastName: "Dhanush"
email: "koala@gmail.com"
mobile: "987654321"
password: "$2b$10$2ZjNDYIRQ6c1DQKSSr5kA.EhwfcP6b8FUIVpazPbIuTwUVBCWyeG"
createdAt: 2025-06-17T09:11:18.243+00:00
__v: 0
```

Inserting a new user

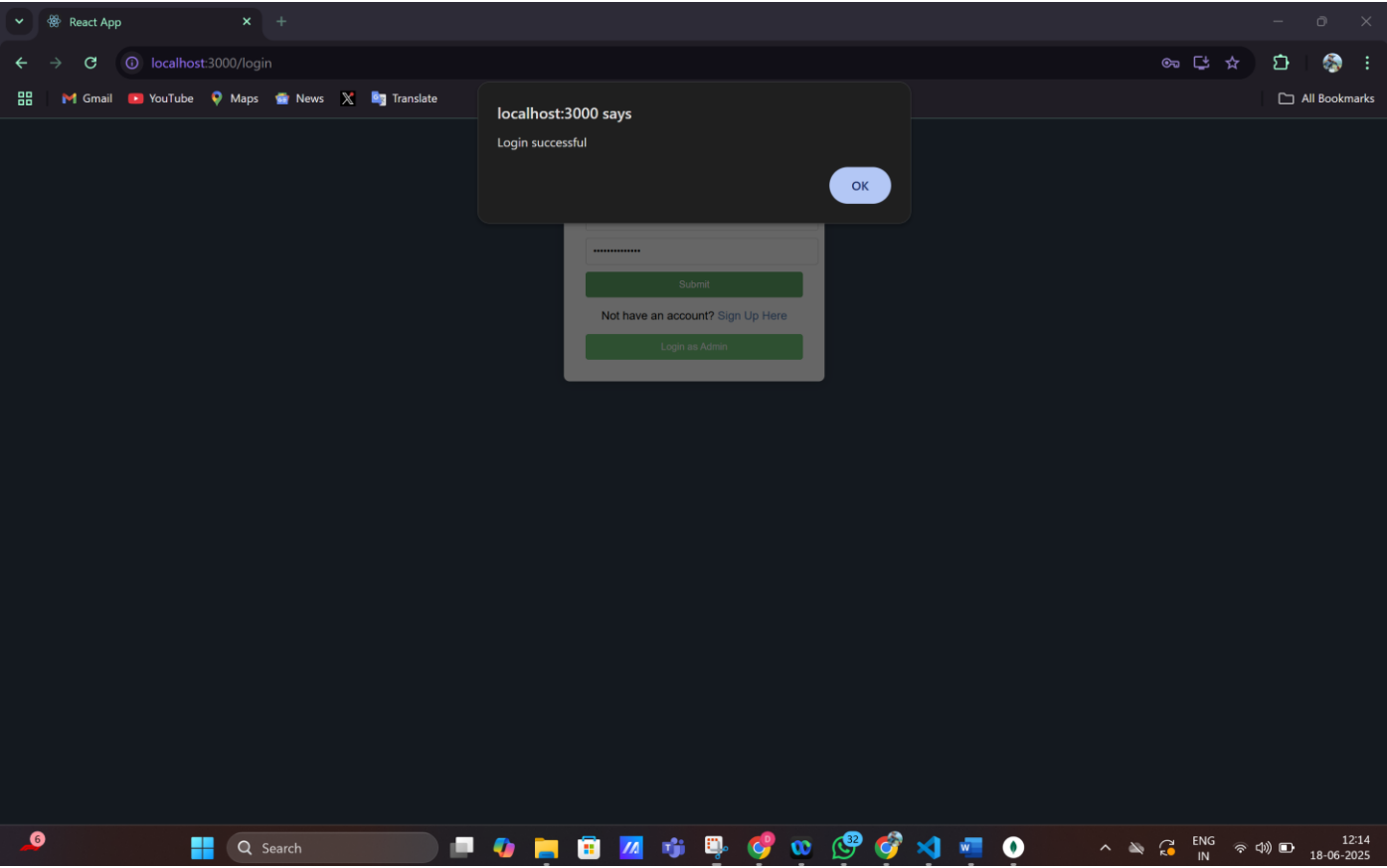
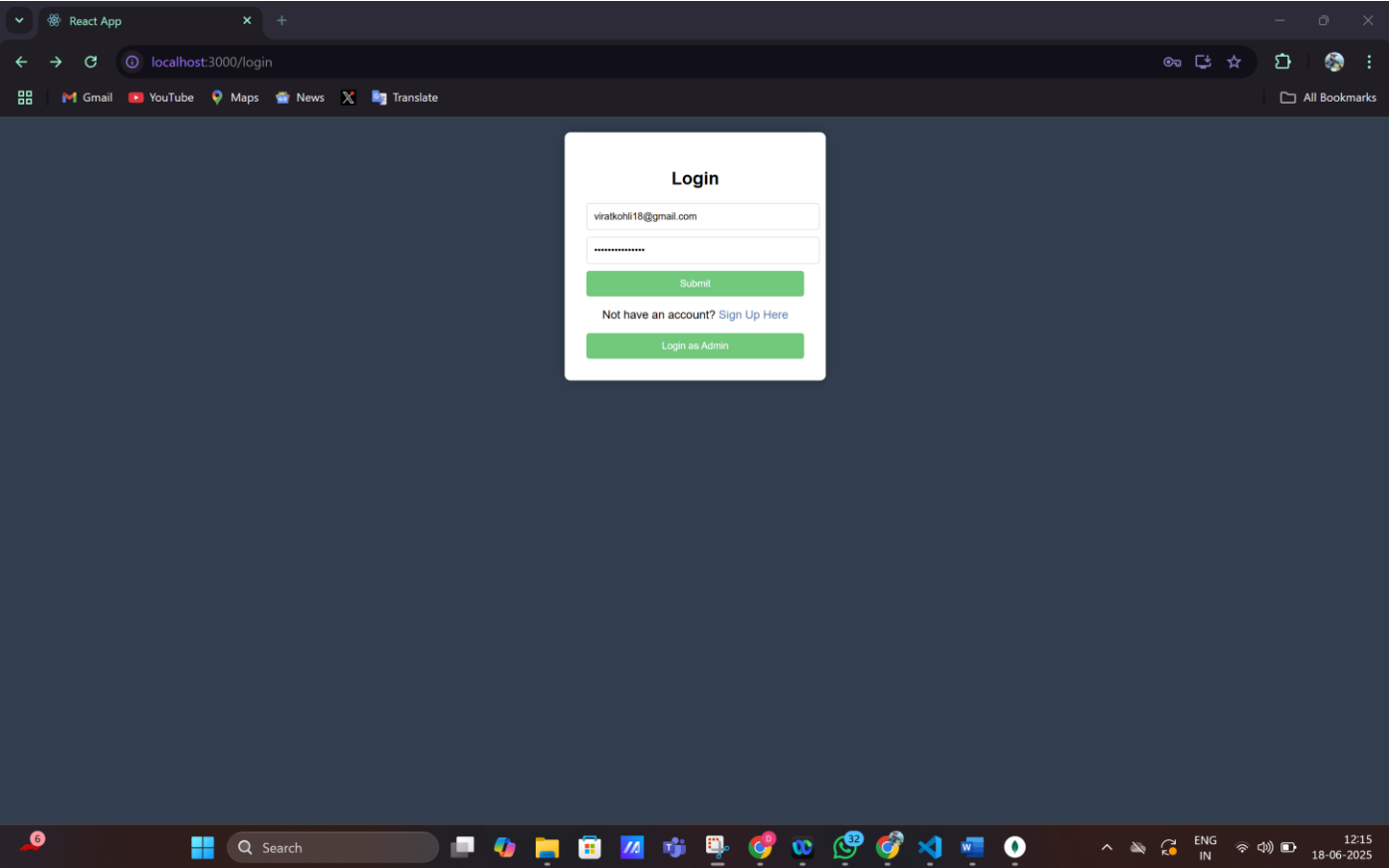
The screenshot shows a web browser window with the URL `localhost:3000/signup`. The page features a 'Sign Up' form with the following fields and text:

- Form title: **Sign Up**
- Subtitle: It's free and only takes a minute
- First Name field: Contains 'Virat'
- Last Name field: Contains 'Kohli'
- Email field: Contains 'viratkohli18@gmail.com'
- Phone Number field: Contains '7845476718'
- Password field: Masked with dots
- Confirm Password field: Masked with dots
- Submit button: A green button labeled 'Submit'
- Footer text: By clicking Sign Up, you agree to our [Terms and Condition](#) and [Policy Privacy](#).
- Footer text: Already have an account? [Login here](#)

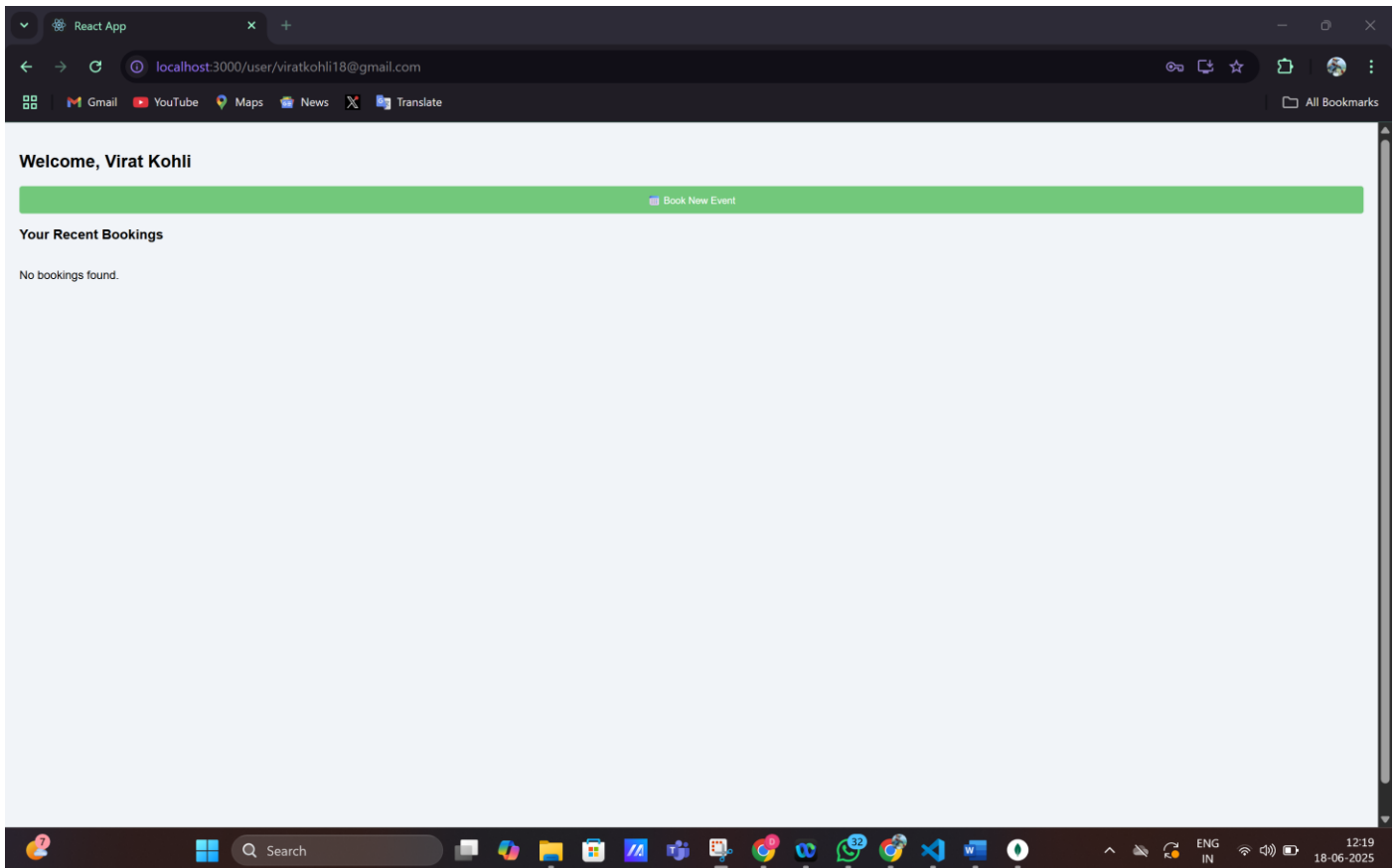
Registered Successfully



Now logging in with the newly registered user.

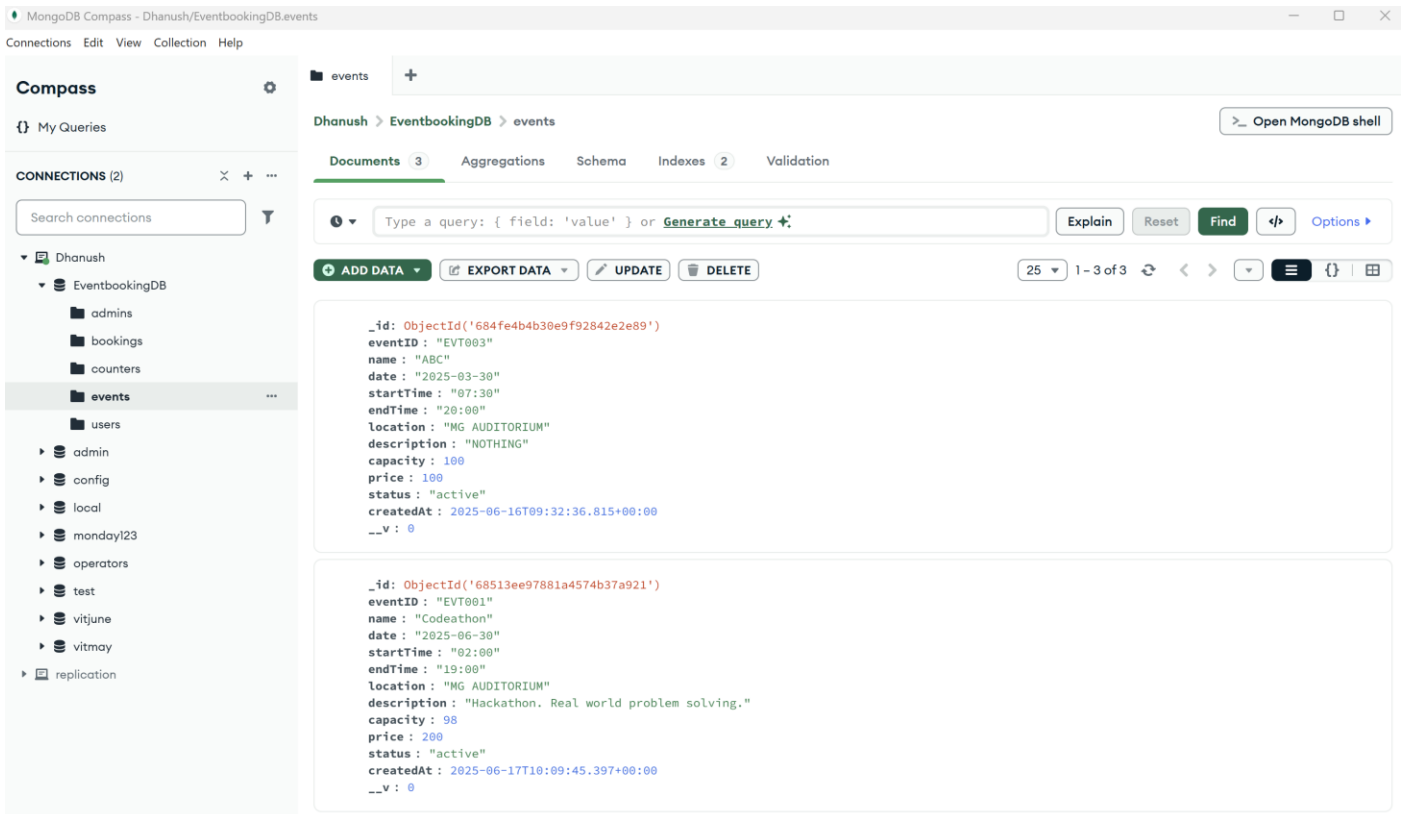


User Dashboard



Since the user had no bookings, the recent bookings list is empty. So let's book an event.

The event database:



```
_id: ObjectId('68513f297881a4574b37a924')
eventID: "EVT002"
name: "dance and code"
date: "2025-06-27"
startTime: "09:00"
endTime: "13:00"
location: "AB1 portico"
description: "ABCDEFGHJKLMNOPQRSTUVWXYZ"
capacity: 50
price: 50
status: "active"
createdAt: 2025-06-17T10:10:49.564+00:00
__v: 0
```

It was three events. But one event had already been completed on 2025-03-30. In the new booking page only two future events will be listed.

React App

localhost:3000/user/book-event

All Events

Search by Event Name or ID

Codeathon

Event ID: EVT001

Date: 2025-06-30

Start Time: 02:00

End Time: 19:00

Location: MG AUDITORIUM

Capacity: 98

Price: ₹200

Status: active

Description: Hackathon. Real world problem solving.

Book

dance and code

Event ID: EVT002

Date: 2025-06-27

Start Time: 09:00

End Time: 13:00

Location: AB1 portico

Capacity: 50

Price: ₹50

The search bar can be used for viewing the events too

React App

localhost:3000/user/book-event

All Events

Codeat

Codeathon

Event ID: EVT001

Date: 2025-06-30

Start Time: 02:00

End Time: 19:00

Location: MG AUDITORIUM

Capacity: 97

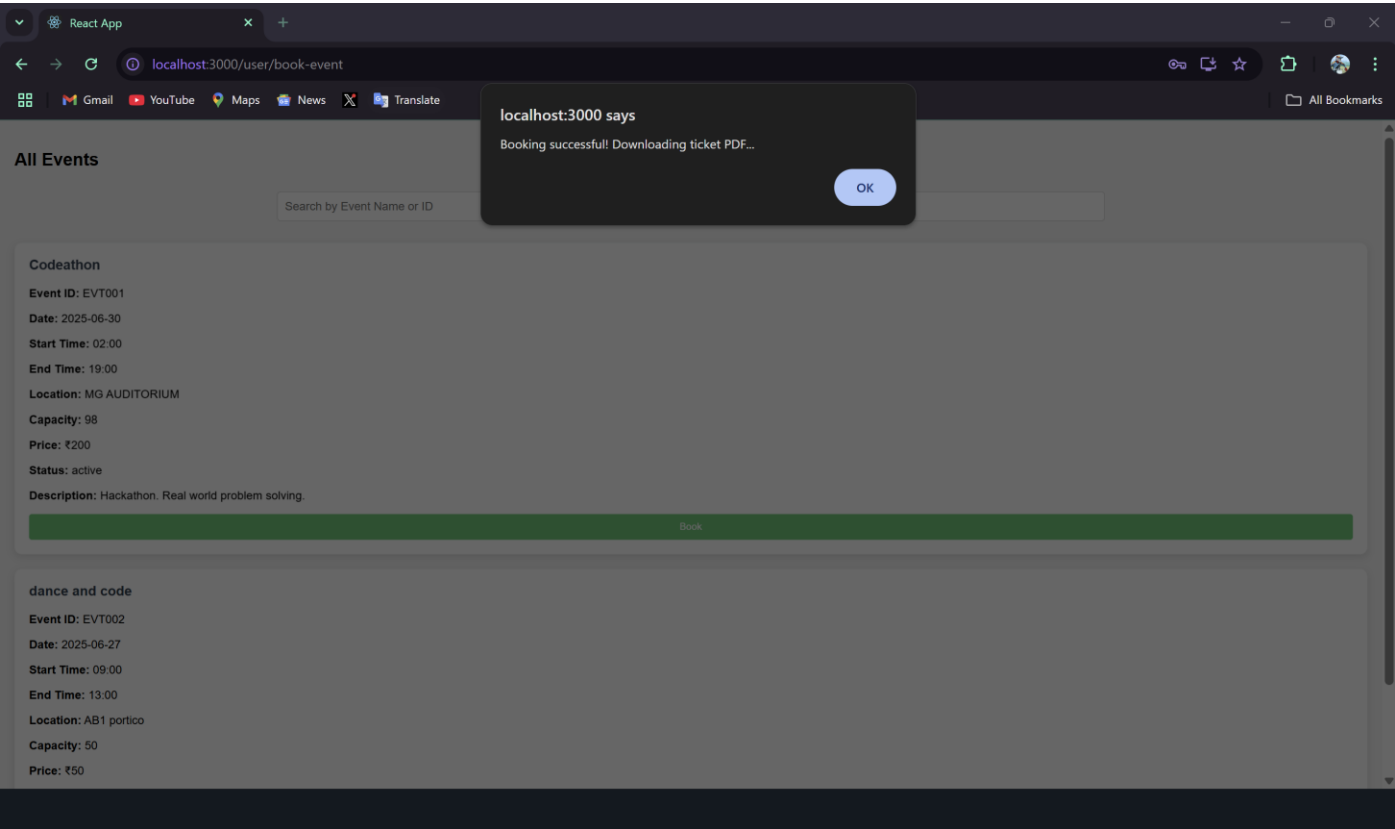
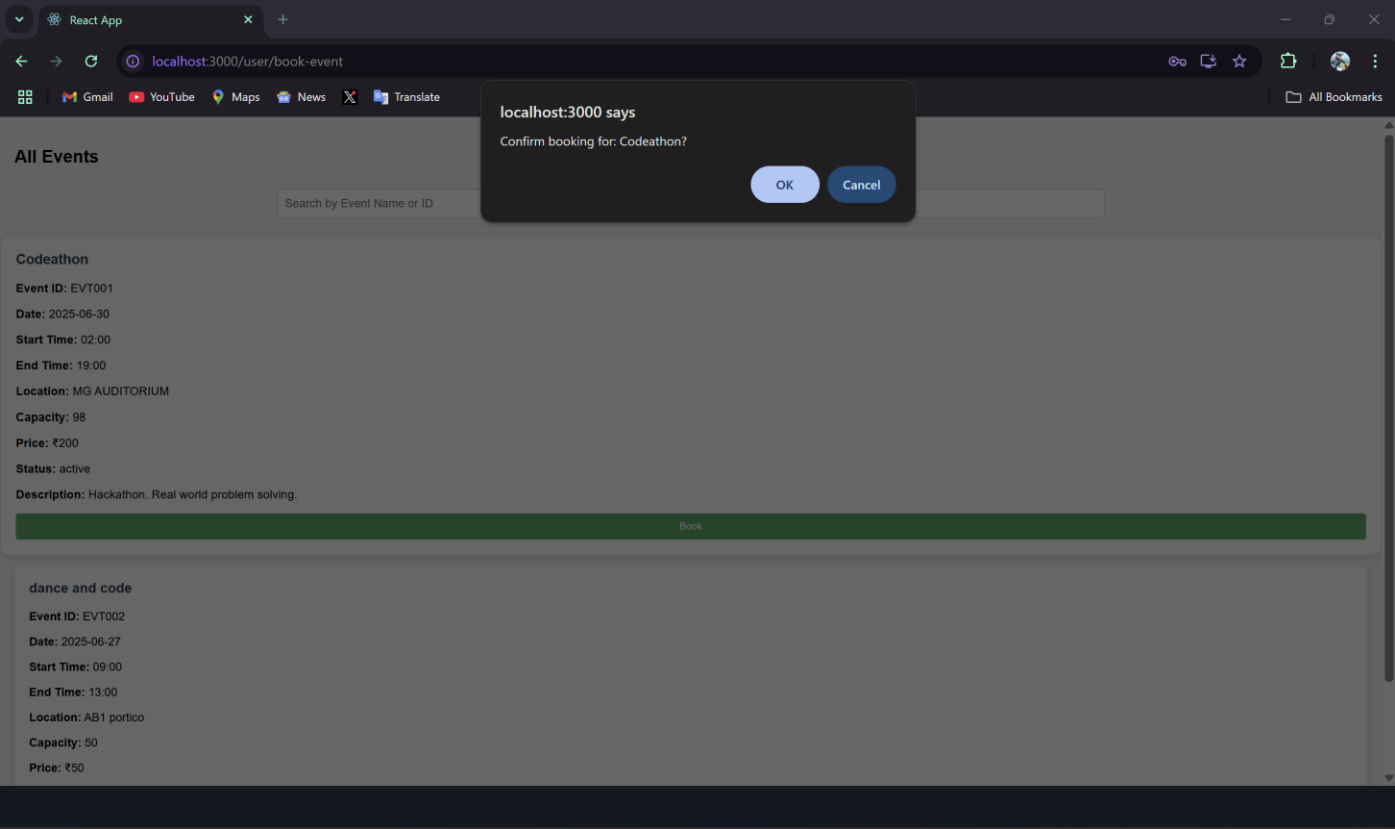
Price: ₹200

Status: active

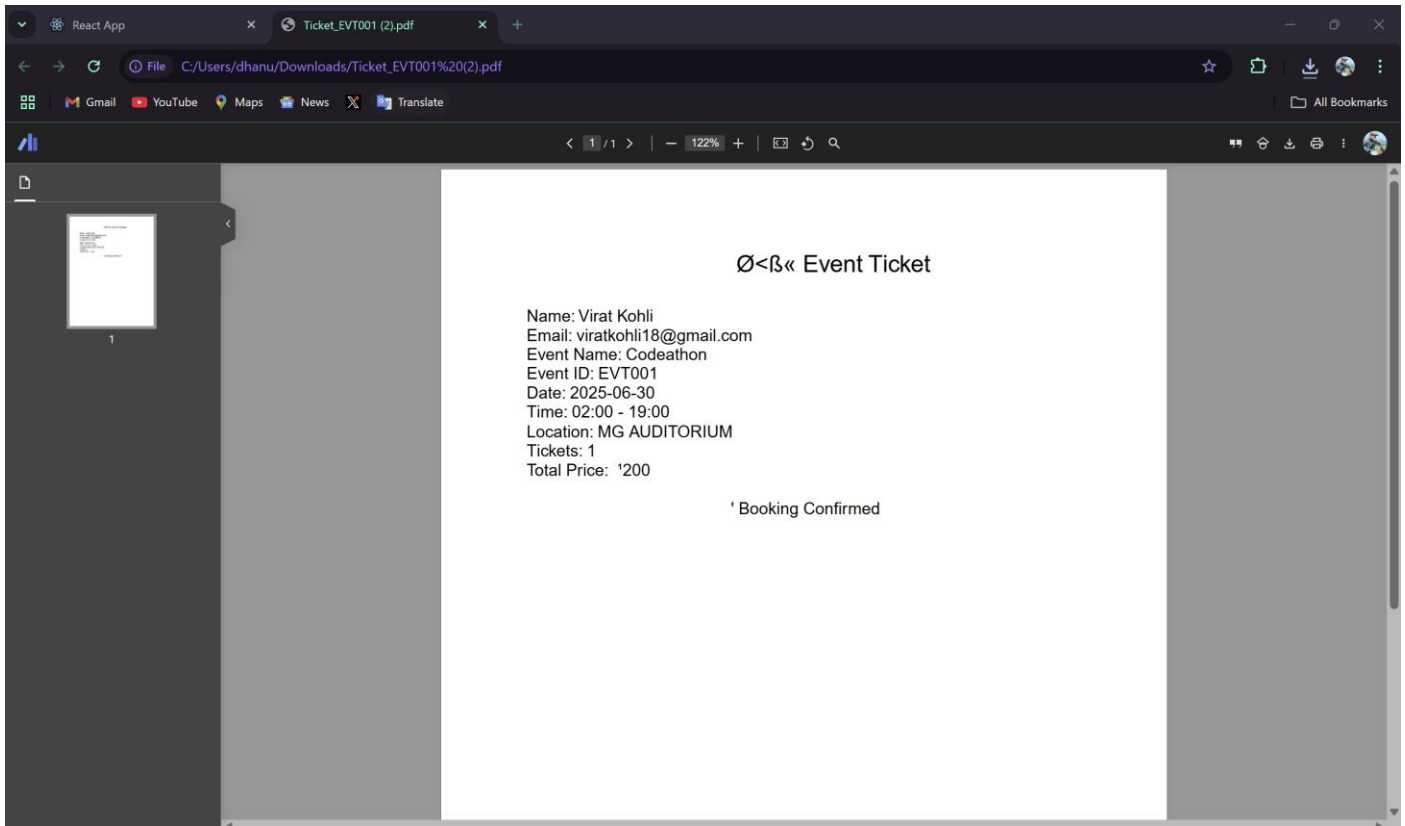
Description: Hackathon. Real world problem solving.

Book

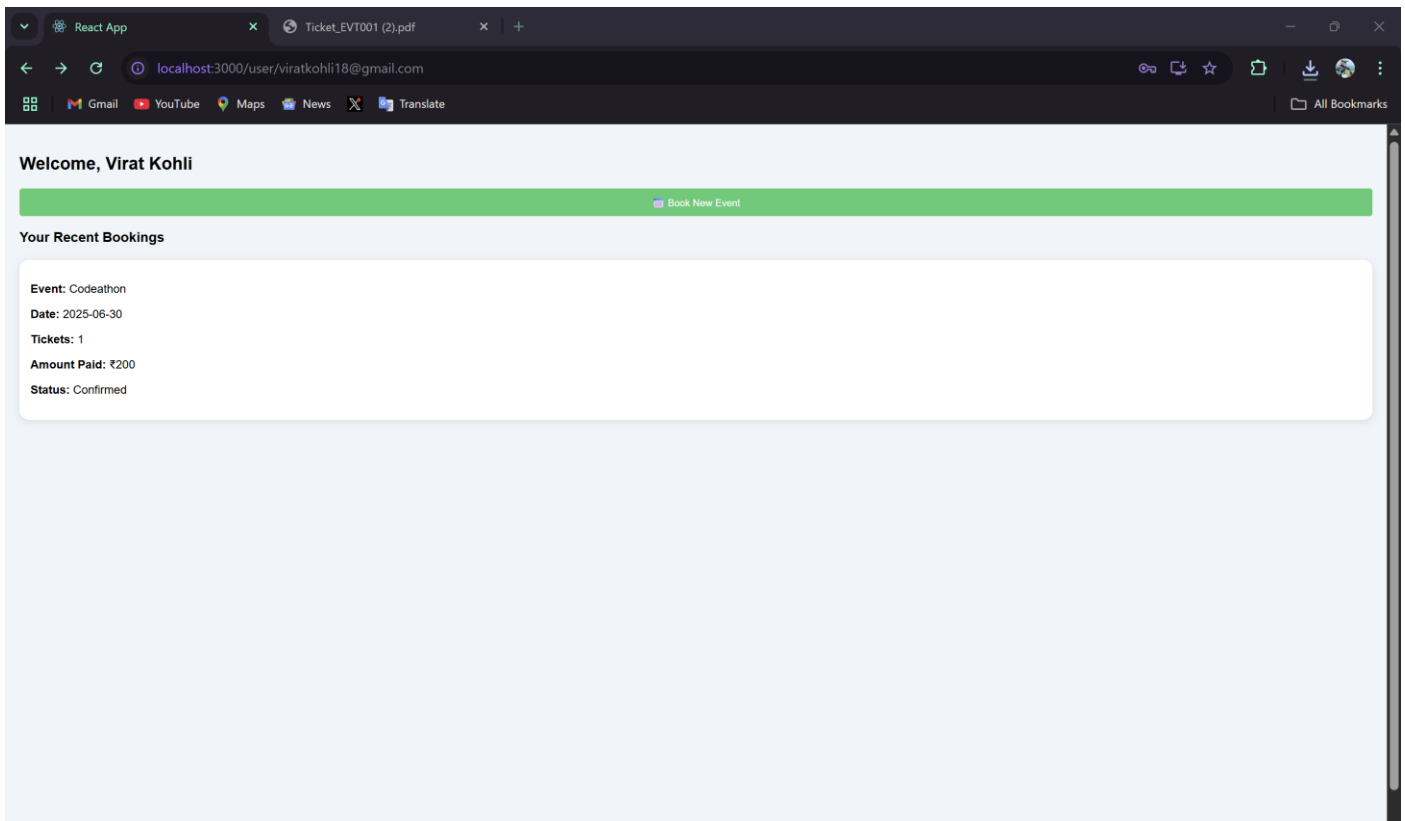
Booking...



PDF COPY OF THE TICKET:



Now, the recent bookings have an event listed.



And also in the collections, you can notice that the capacity of the has reduced by count of one.

The screenshot shows the MongoDB Compass interface for the 'events' collection. The first document has a capacity of 100. The second document, which is highlighted with a red box around its 'capacity' field (97) and a red arrow, has a capacity of 97. The third document has a capacity of 200. The interface includes a search bar, tabs for Documents, Aggregations, Schema, Indexes, and Validation, and buttons for ADD DATA, EXPORT DATA, UPDATE, and DELETE.

```
endTime: "20:00"
location: "MG AUDITORIUM"
description: "NOTHING"
capacity: 100
price: 100
status: "active"
createdAt: 2025-06-16T09:32:36.815+00:00
__v: 0

_id: ObjectId('68513ee97881a4574b37a921')
eventID: "EVT001"
name: "Codeathon"
date: "2025-06-30"
startTime: "02:00"
endTime: "19:00"
location: "MG AUDITORIUM"
description: "Hackathon. Real world problem solving."
capacity: 97
price: 200
status: "active"
createdAt: 2025-06-17T10:09:45.397+00:00
__v: 0

_id: ObjectId('68513f297881a4574b37a924')
eventID: "EVT002"
name: "dance and code"
date: "2025-06-27"
startTime: "09:00"
```

And the list of Recent bookings in given by the collection Bookings.

The screenshot shows the MongoDB Compass interface for the 'bookings' collection. The interface displays a list of bookings with details like name, event name, event ID, email, date, tickets, total price, status, and creation time. The interface includes a search bar, tabs for Documents, Aggregations, Schema, Indexes, and Validation, and buttons for ADD DATA, EXPORT DATA, UPDATE, and DELETE.

```
_id: ObjectId('68514bbe8cc00171c90ce08a')
name: "Joanna Dhanush"
eventName: "Codeathon"
eventID: "EVT001"
email: "koala@gmail.com"
date: "2025-06-30"
tickets: 1
totalPrice: 200
status: "Confirmed"
createdAt: 2025-06-17T11:04:30.083+00:00
__v: 0

_id: ObjectId('68517818844104fe7ae3c99f')
name: "Prabakaran NJ"
eventName: "Codeathon"
eventID: "EVT001"
email: "njprabakaran@gmail.com"
date: "2025-06-30"
tickets: 1
totalPrice: 200
status: "Confirmed"
createdAt: 2025-06-17T14:13:44.586+00:00
__v: 0

_id: ObjectId('6852629722fc8628a93b6cae')
name: "Virat Kohli"
eventName: "Codeathon"
eventID: "EVT001"
email: "viratkohli18@gmail.com"
```

--v · 

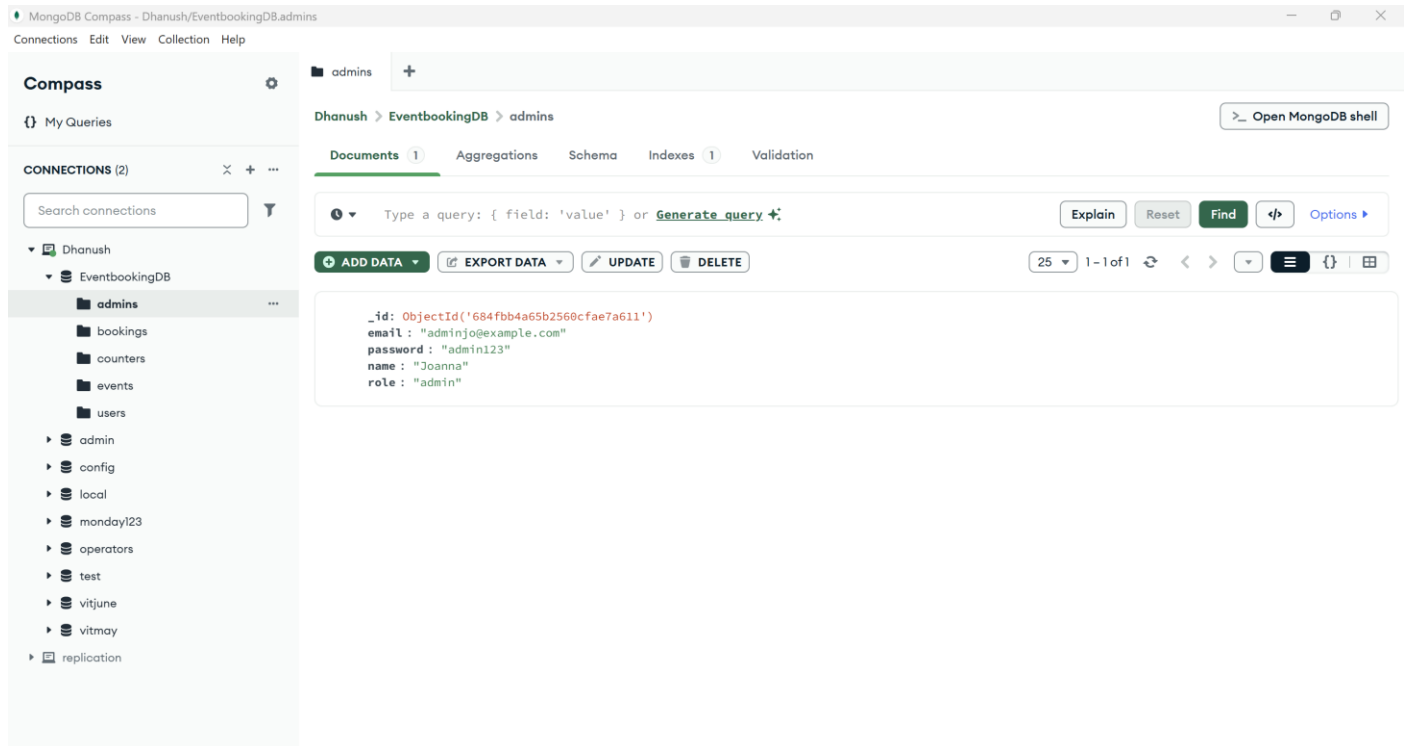
```
_id: ObjectId('6852629722fc8628a93b6cae')
name: "Virat Kohli"
eventName: "Codeathon"
eventID: "EVT001"
email: "viratkohli18@gmail.com"
date: "2025-06-30"
tickets: 1
totalPrice: 200
status: "Confirmed"
createdAt: 2025-06-18T06:54:15.058+00:00
--v: 0
```

NOW LOGGING IN AS ADMIN

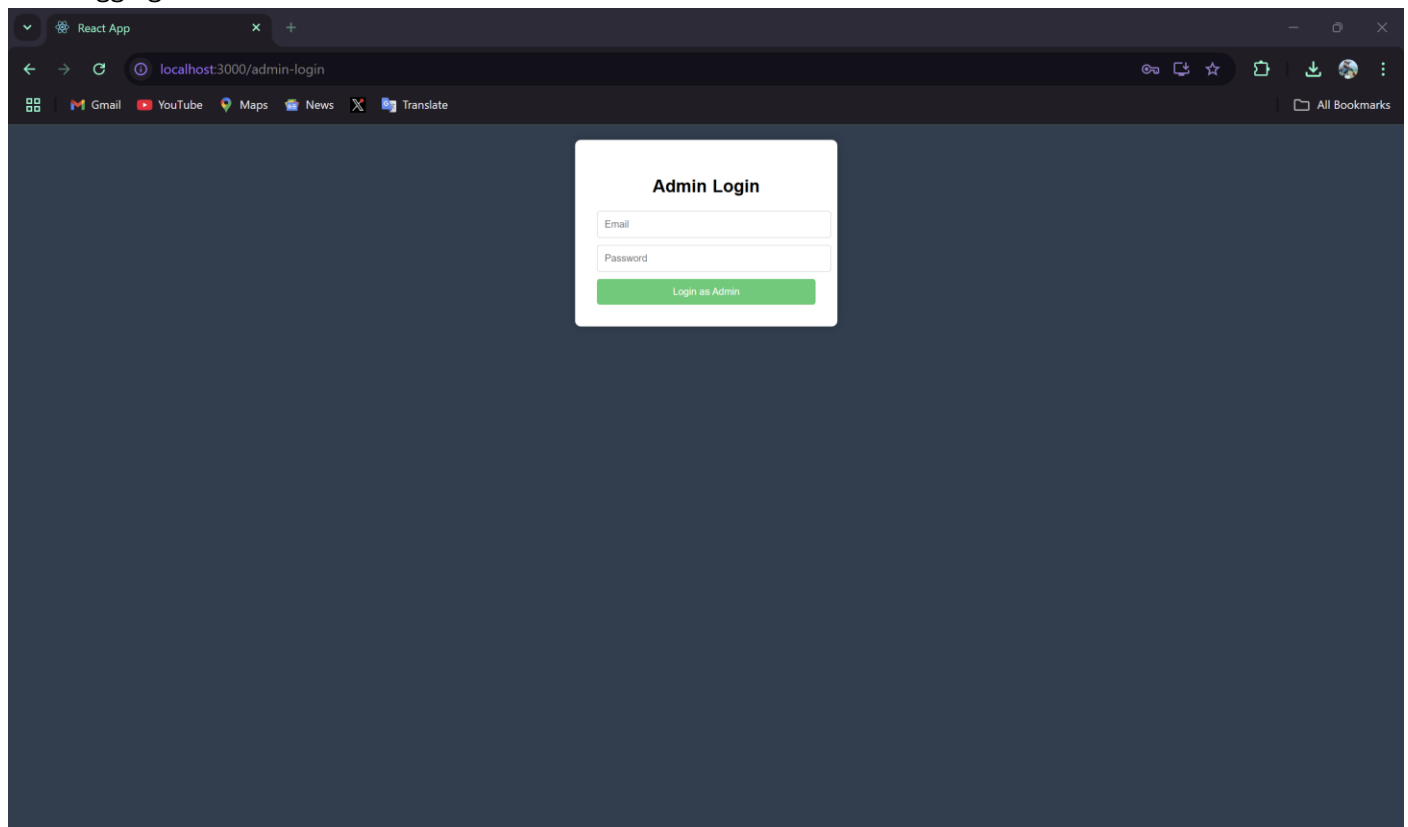
The admin has the privilege to add, update, and delete events. The admin can also view the info of all events.

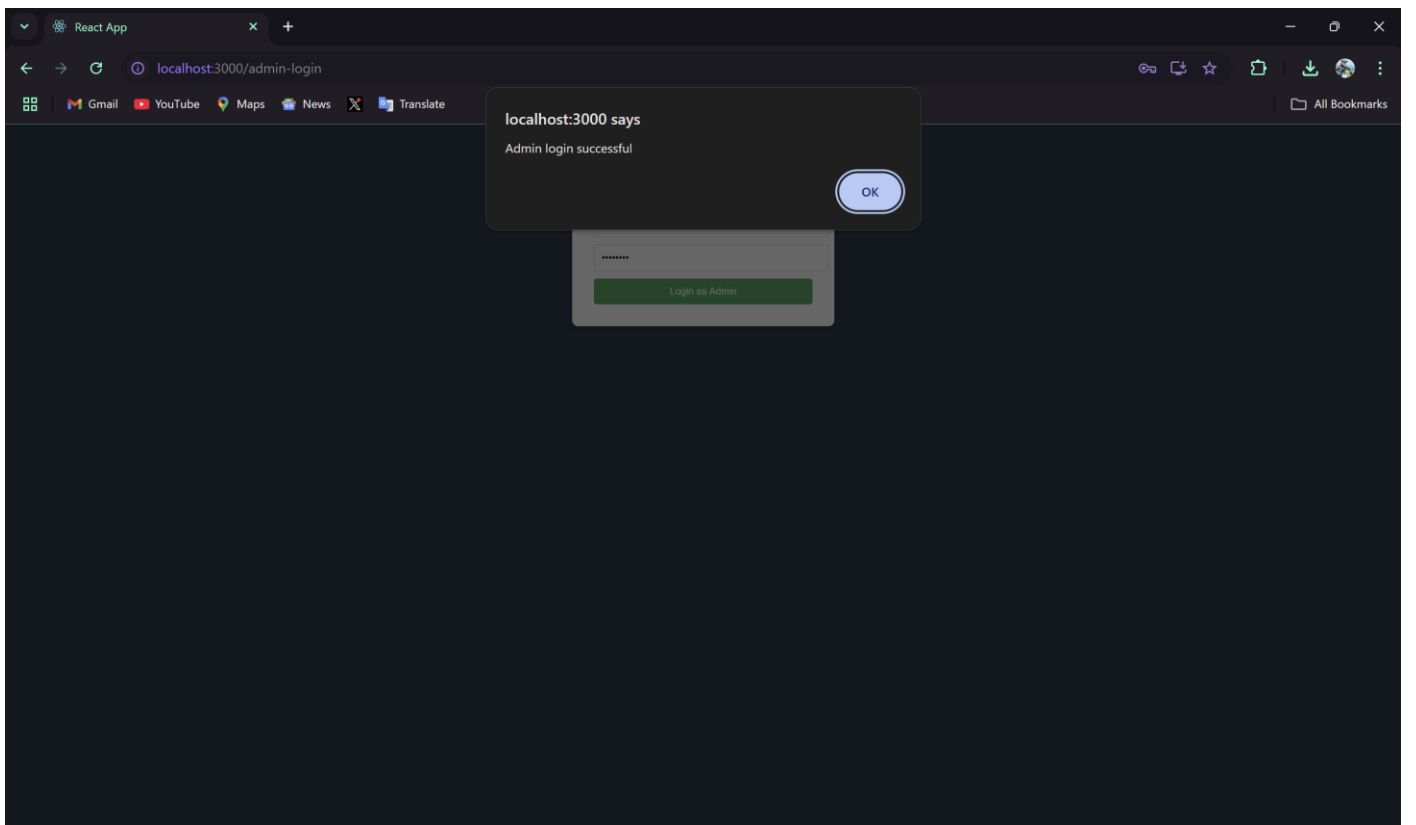
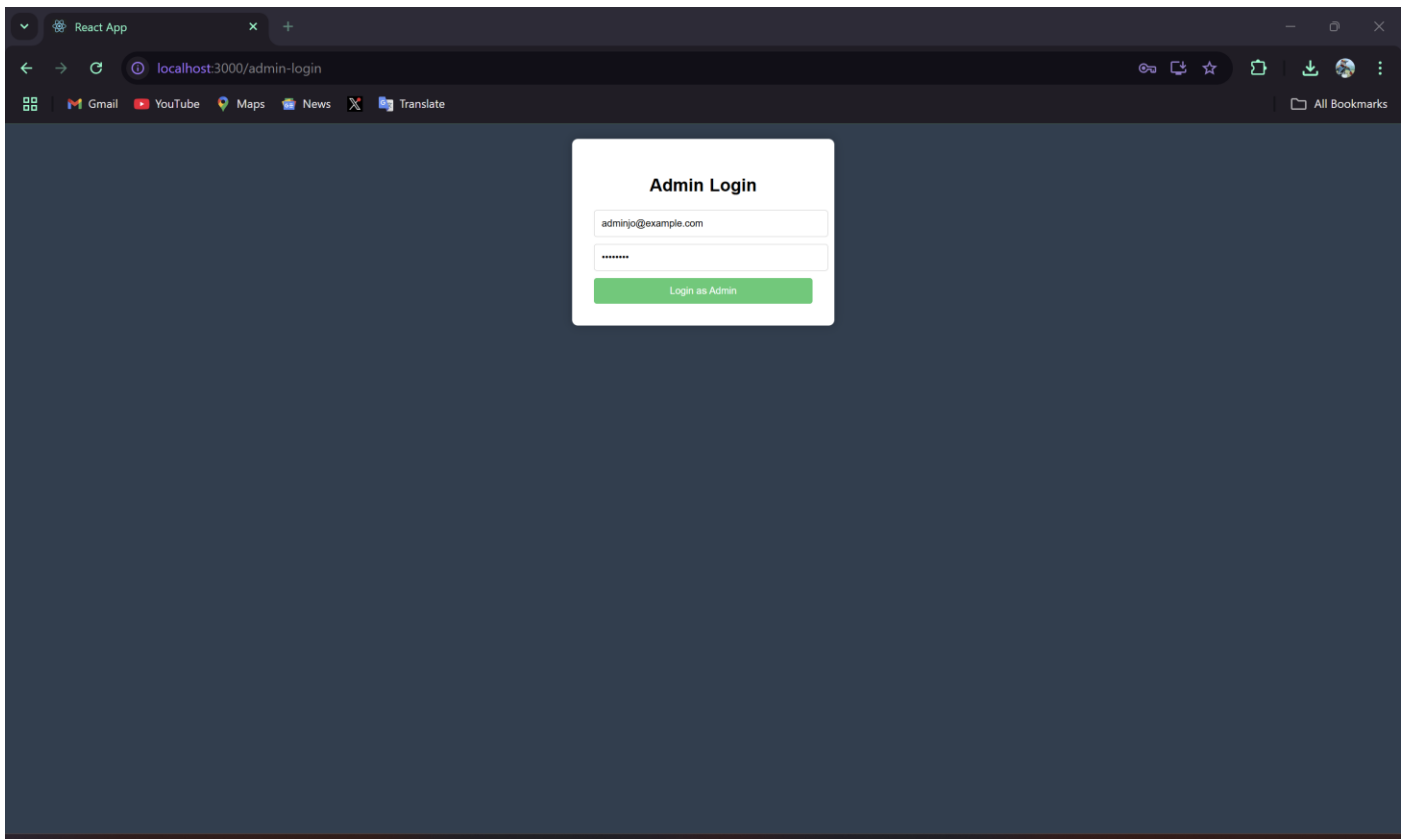
- In the collection admin, we have only one admin. And only the administration has the privilege to add new admins to the collection, which can be done only in MongoDB Compass.

Admins collection:

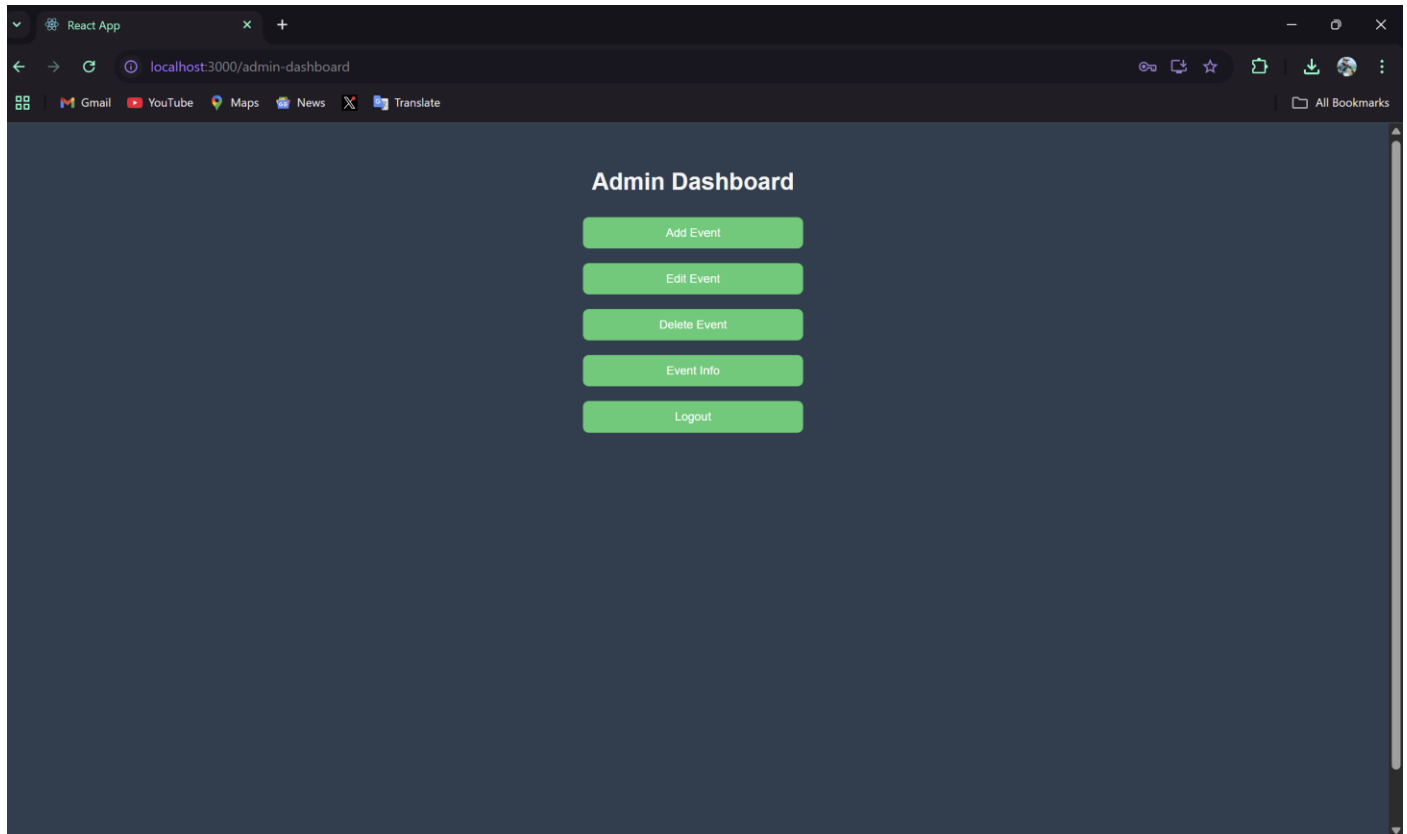


Now logging in:

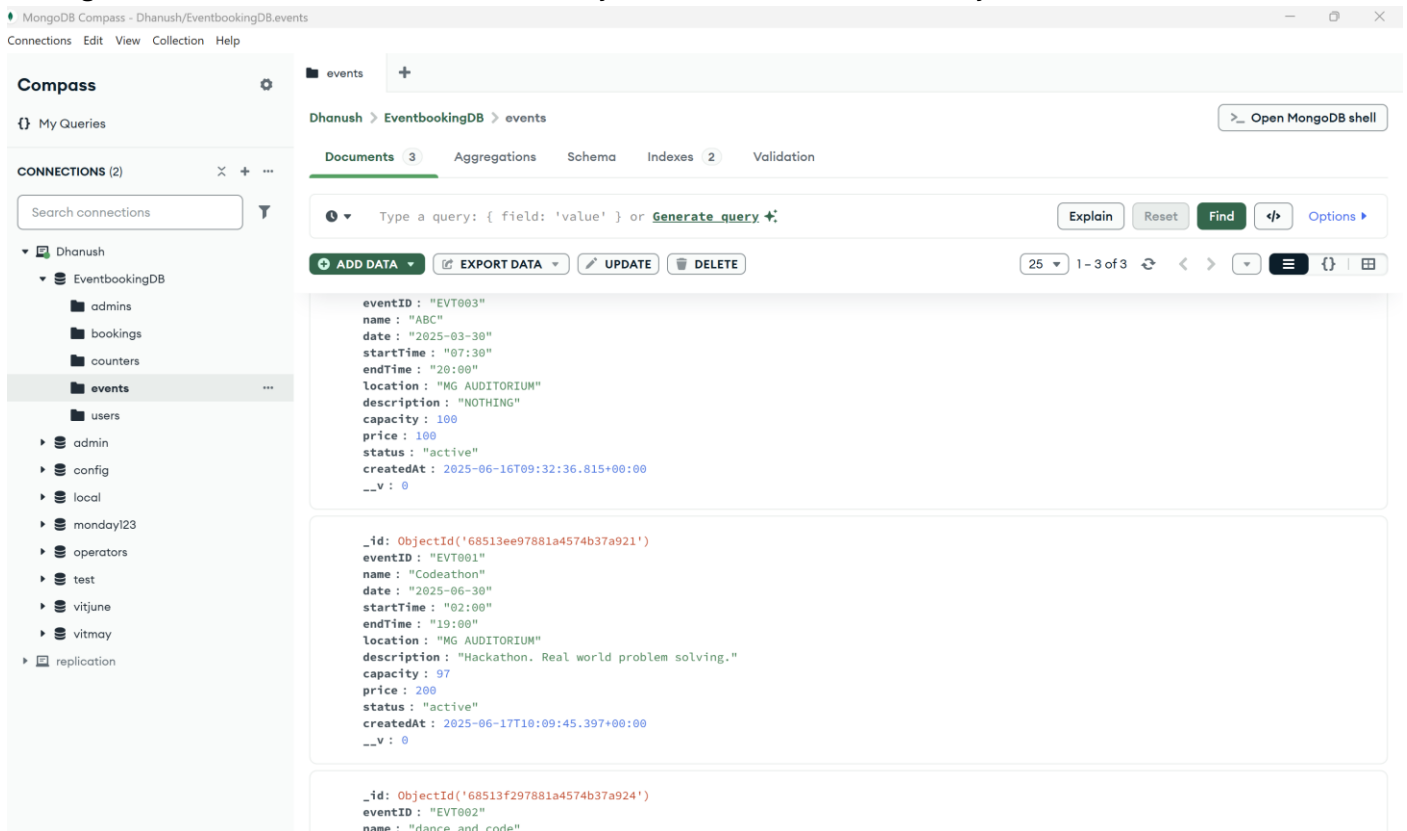




Admin dashboard:



Adding a new event to the collection. It's already mentioned that there are only three events in the collections



Adding a new event

React App

localhost:3000/admin/add-event

Gmail YouTube Maps News Translate

All Bookmarks

Add New Event

Event Name

dd-mm-yyyy

--:--

--:--

Location

Event Description

Capacity

Price (€)

Active

Add Event

React App

localhost:3000/admin/add-event

Gmail YouTube Maps News Translate

All Bookmarks

Add New Event

Smartathon

08-07-2025

11:00

19:30

AB3 708

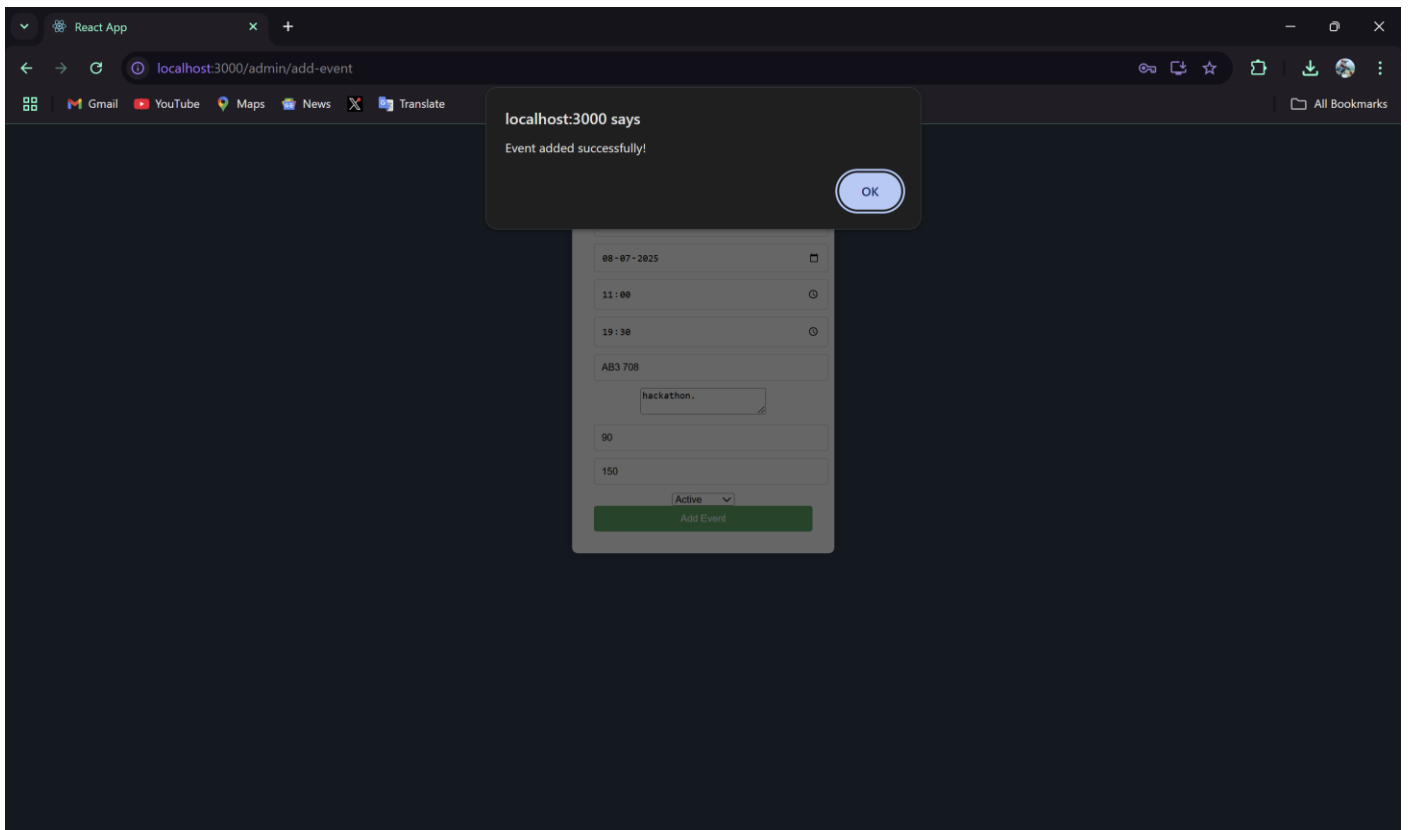
hackathon.

90

150

Active

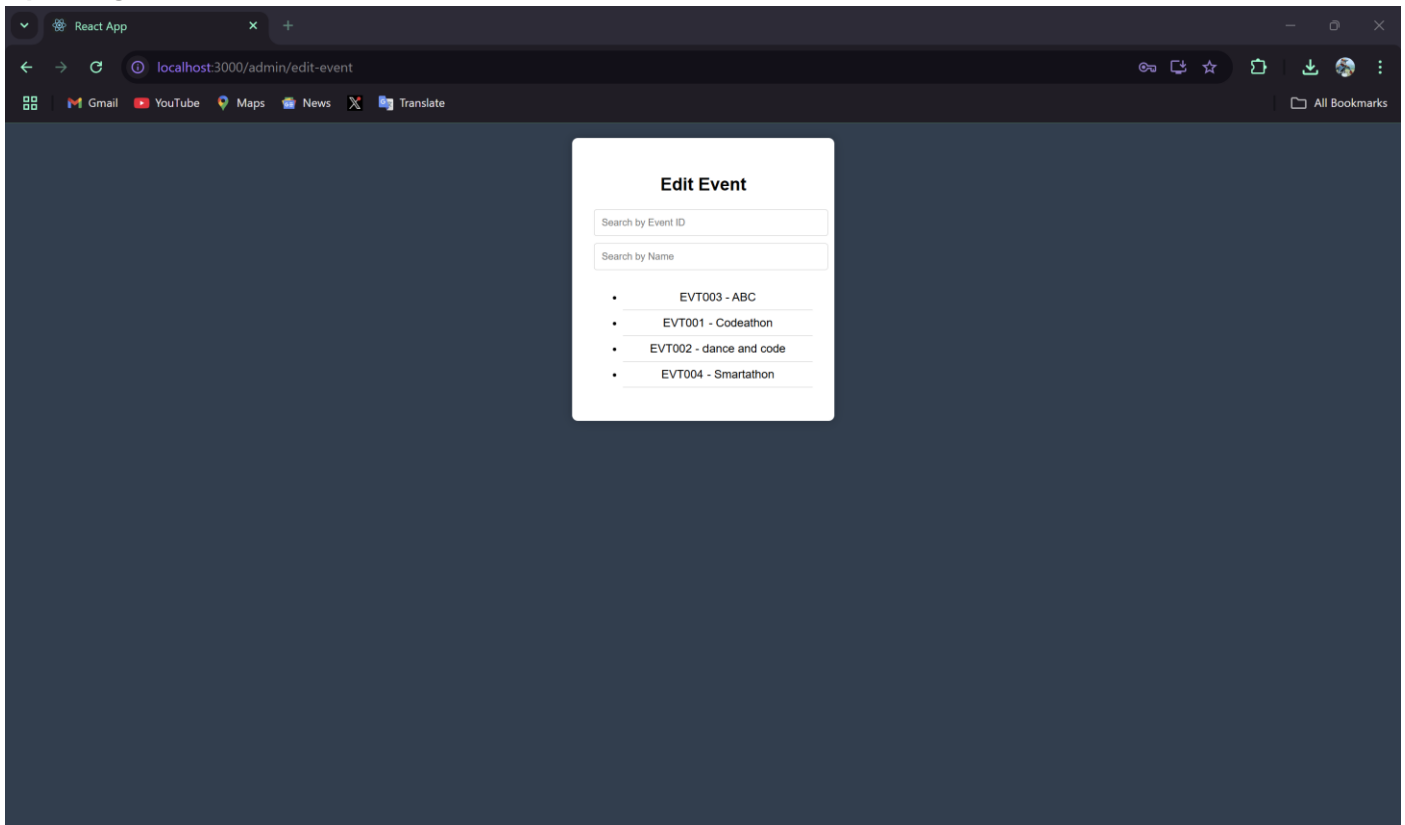
Add Event



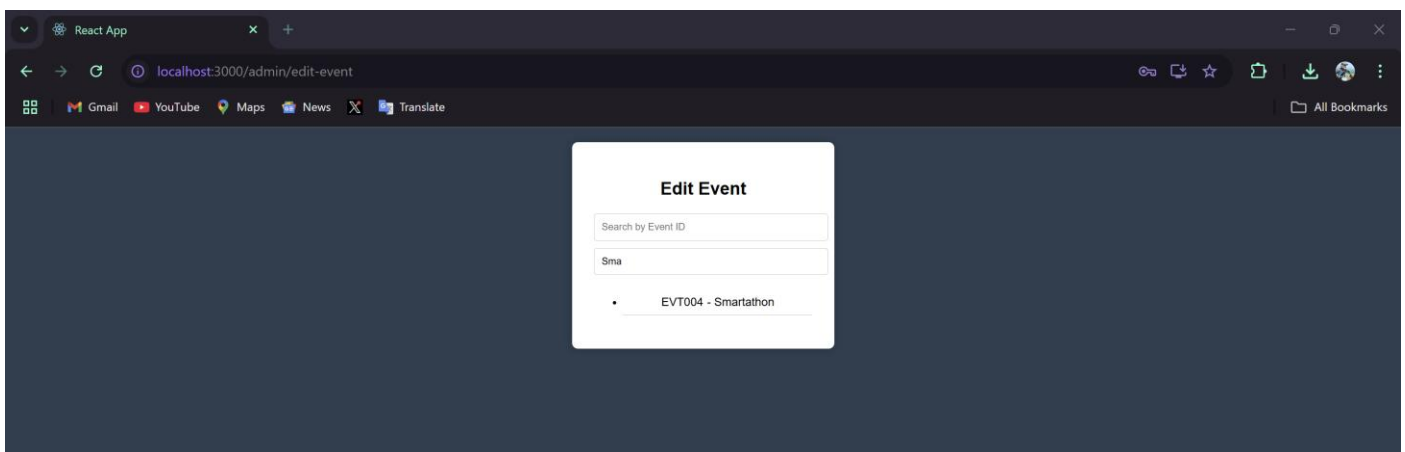
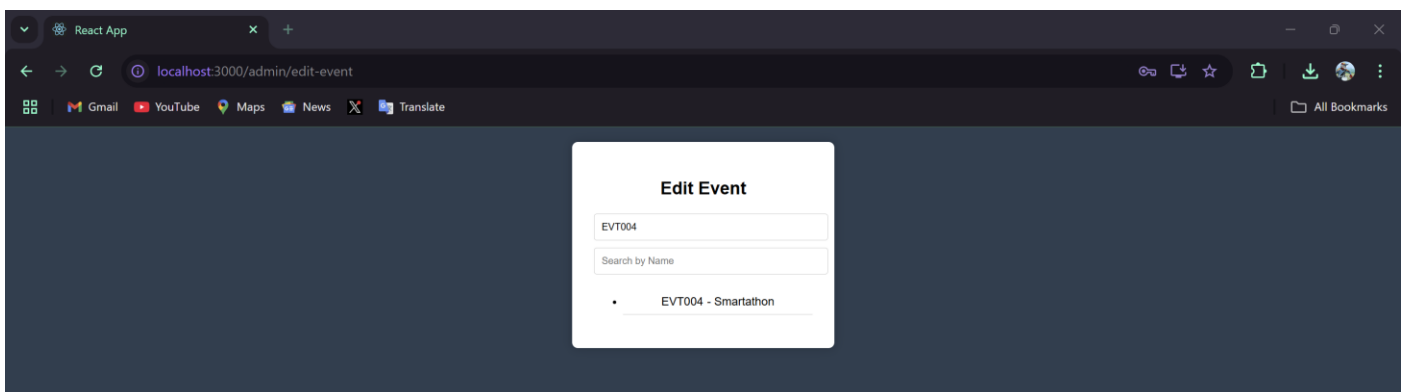
Currently added event:

```
_id: ObjectId('6852688222fc8628a93b6cb9')
eventID: "EVT004"
name: "Smartathon"
date: "2025-07-08"
startTime: "11:00"
endTime: "19:30"
location: "AB3 708"
description: "hackathon."
capacity: 90
price: 150
status: "active"
createdAt: 2025-06-18T07:19:30.062+00:00
__v: 0
```

Updating the info of an event



With the help of search bar we can search for the events too.



React App

localhost:3000/admin/edit-event

Sma

☐ Update name

Smartathon

☐ Update date

08-07-2025

☐ Update startTime

11:00

☐ Update endTime

19:30

☐ Update location

AB3 708

☐ Update description

hackathon.

☐ Update capacity

90

☐ Update price

150

☐ Update status: Active

Update Event

The check boxes here ensure that only those fields of the collections get updated and not others. Thus, it's necessary to turn the check boxes of the field that needs to be updated.

We are gonna change the name and price of the event

Update status: Active status here has two options active and completed to ensure that the event is still active

React App

localhost:3000/admin/edit-event

Sma

☒ Update name

Smart India hackathon

☐ Update date

08-07-2025

☐ Update startTime

11:00

☐ Update endTime

19:30

☐ Update location

AB3 708

☐ Update description

hackathon.

☐ Update capacity

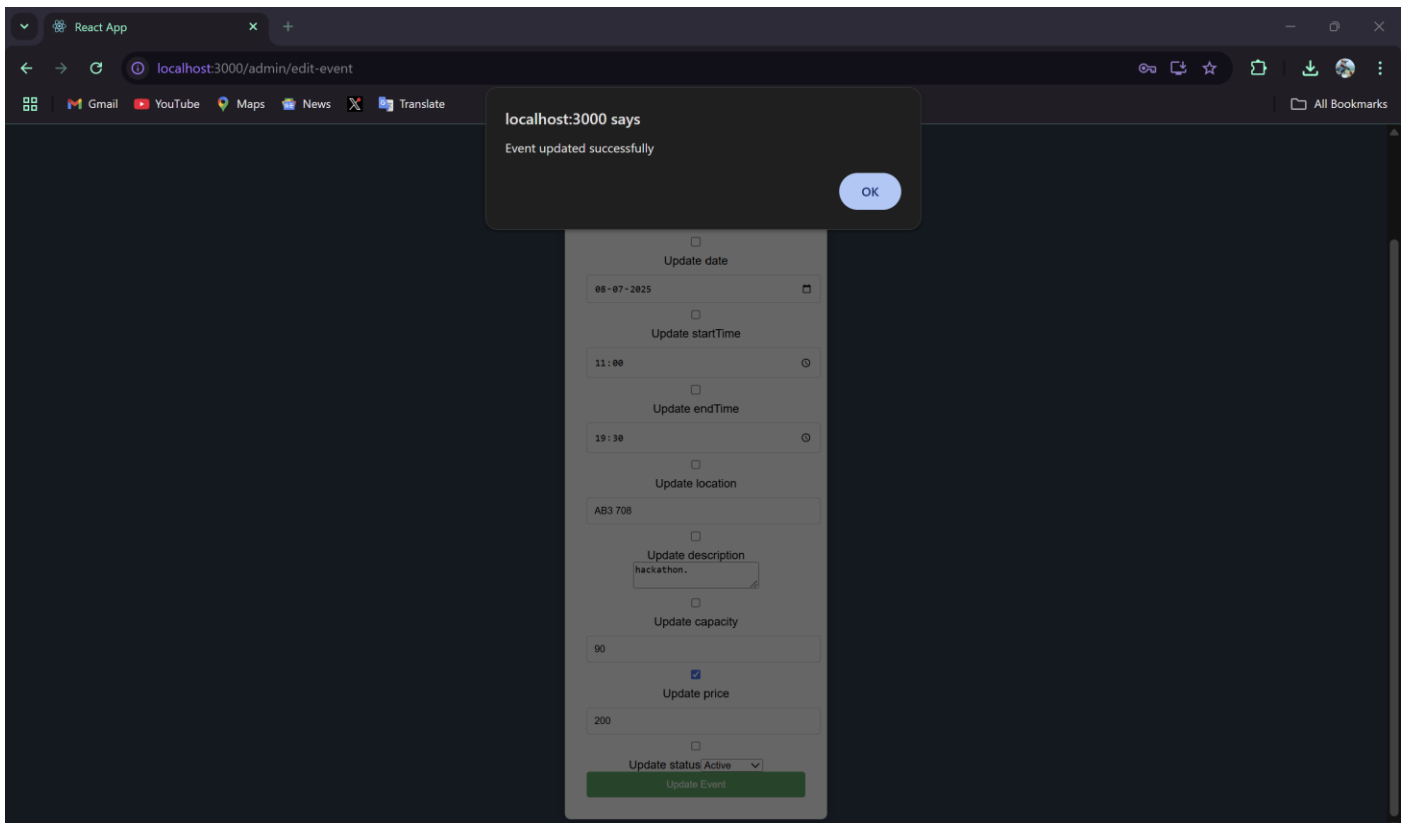
90

☒ Update price

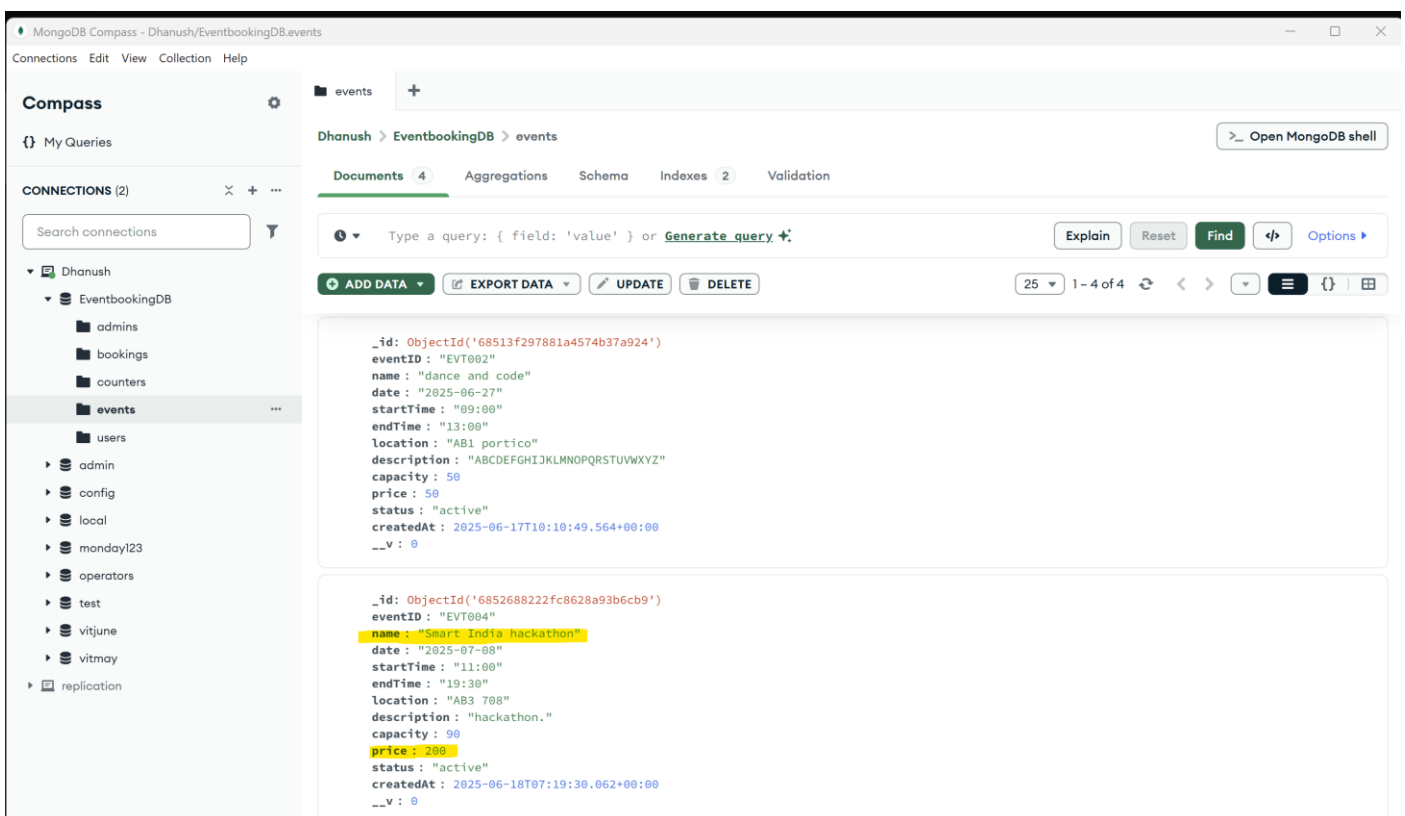
200

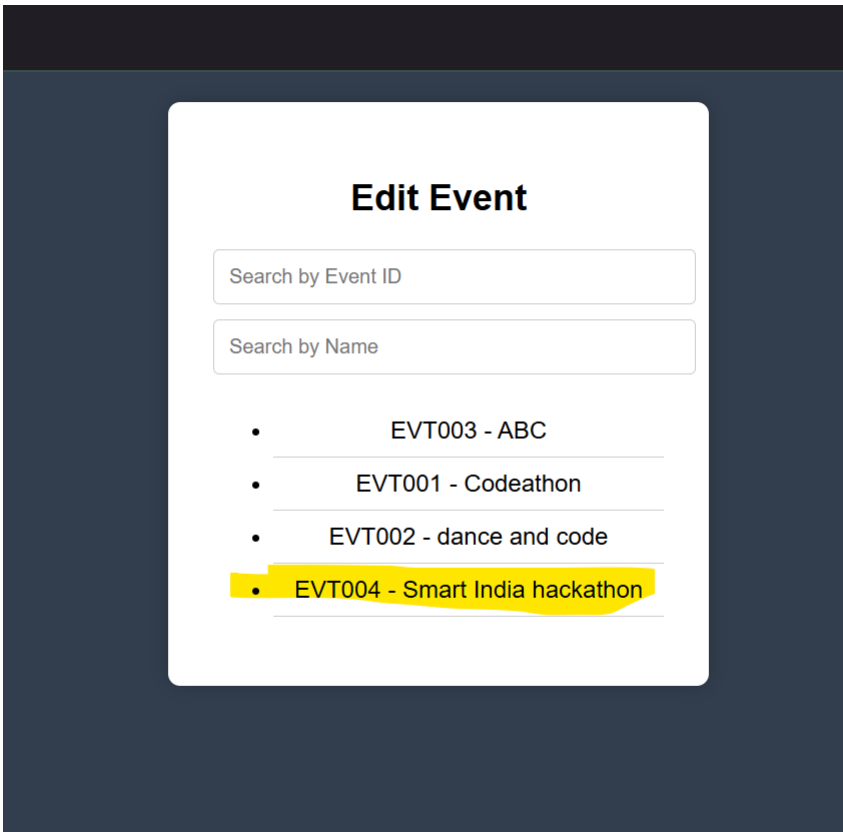
☐ Update status: Active

Update Event

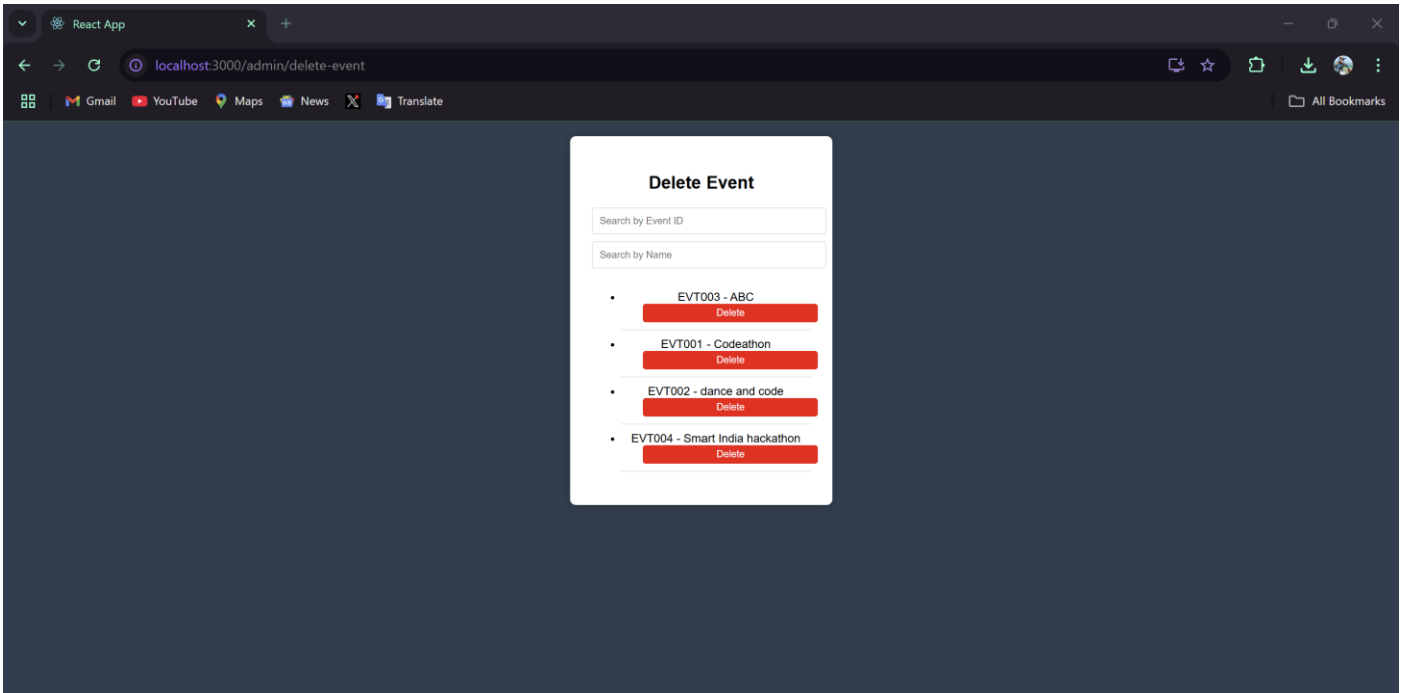


Update in the collection is done [NOTE: EventID (EVT004) cant be edited as it acts unique index]



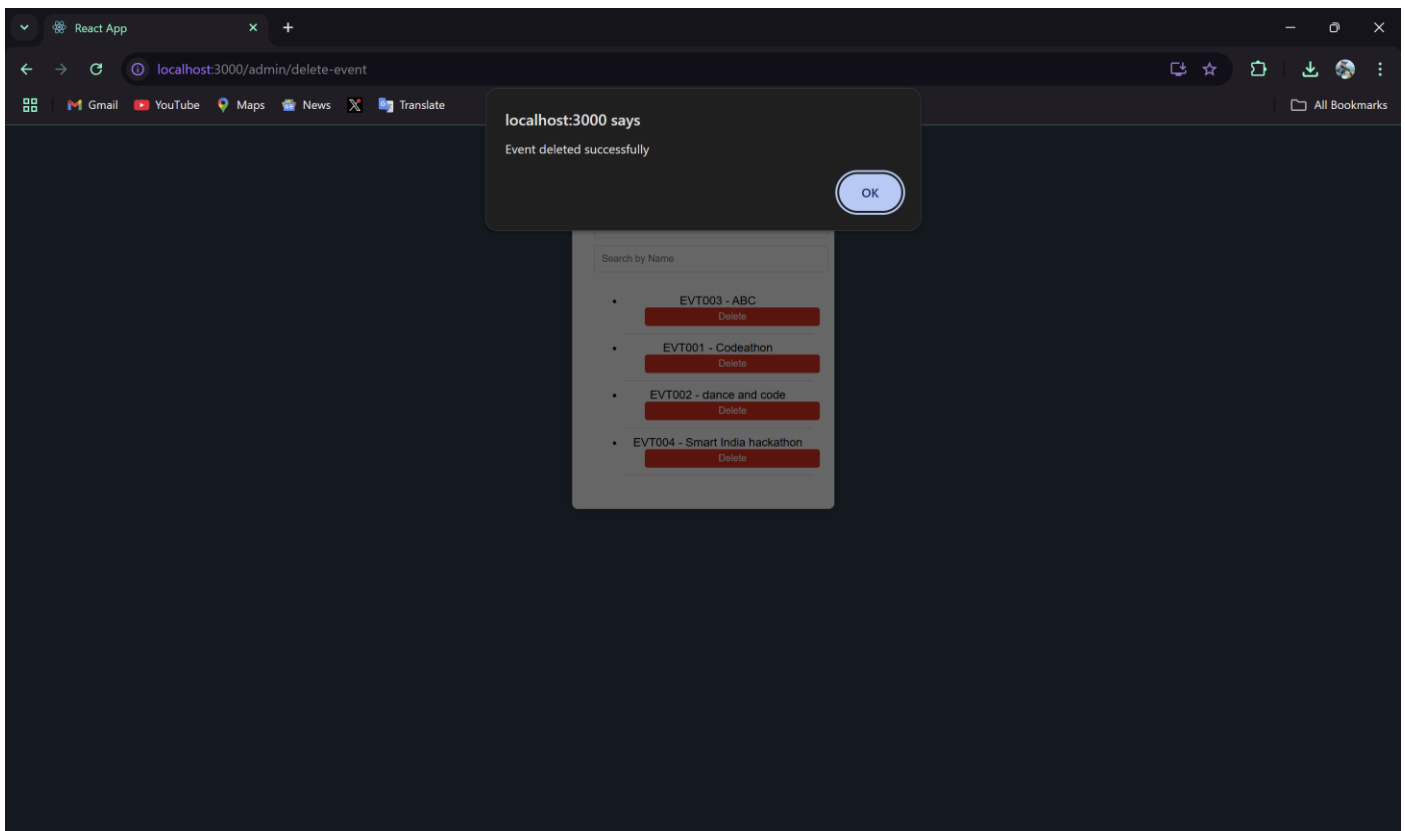
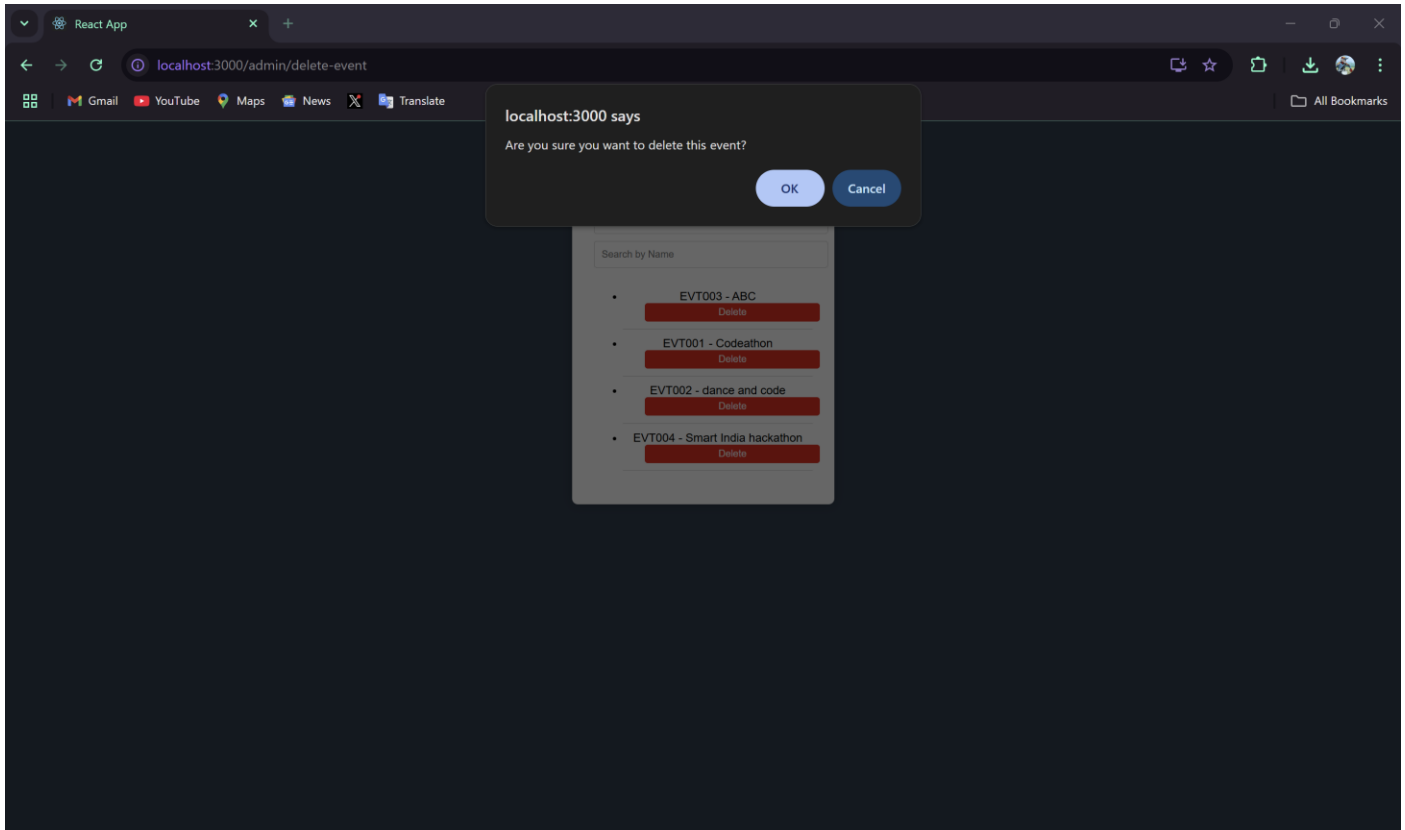


Deletion:
we will delete the event we added currently:

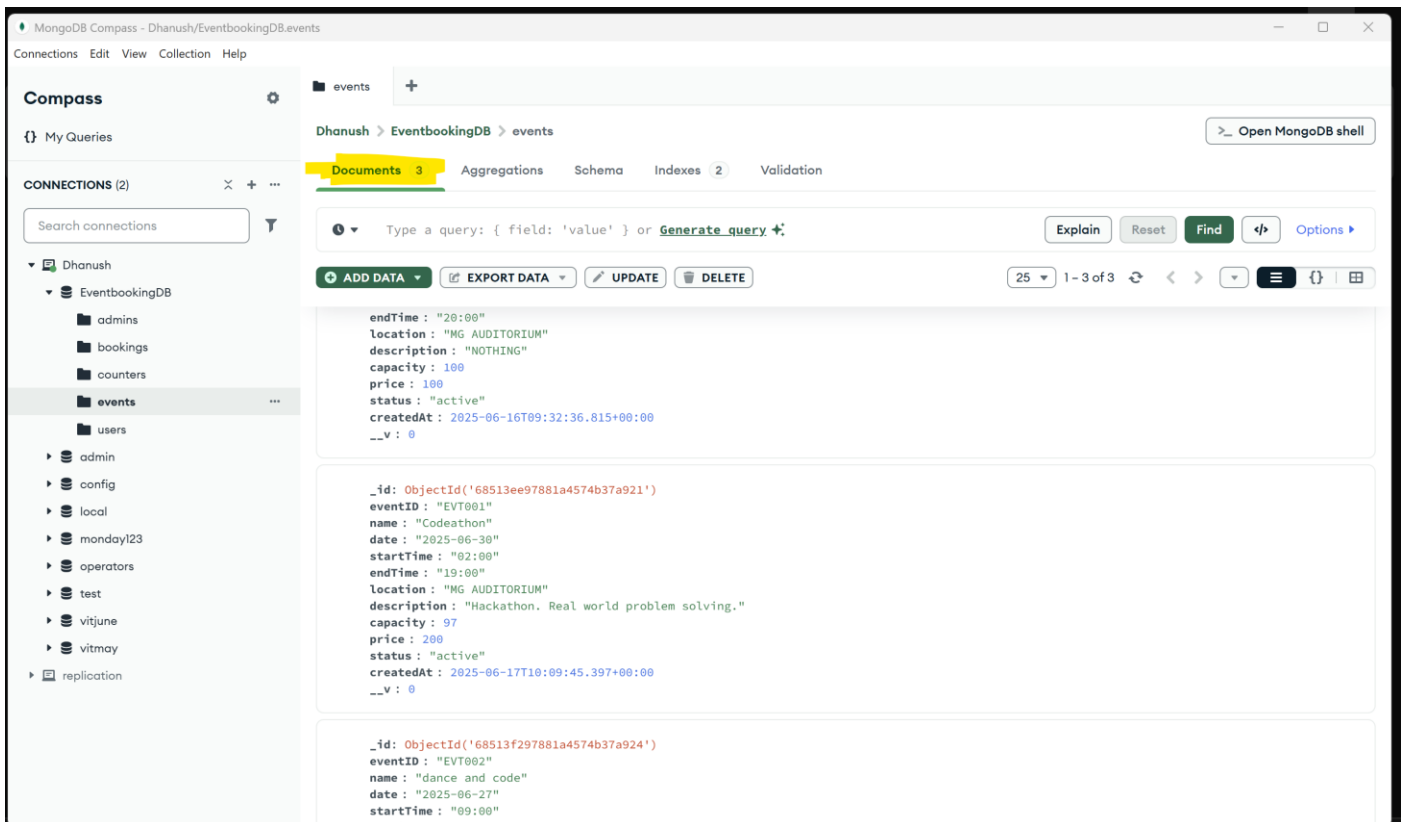
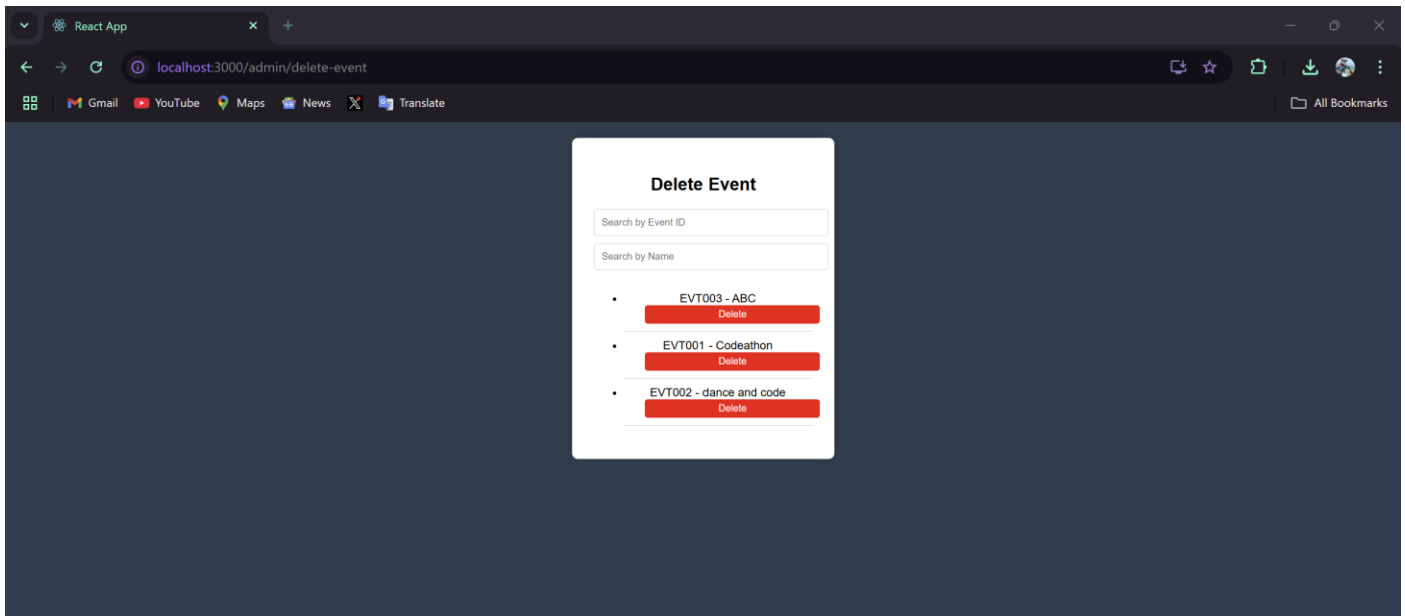


We are deleting EVT004

Here too, search bars can be used, but since we have only 4 events we're gonna delete it directly.



Successfully deleted



MongoDB Compass - Dhanush/EventbookingDB.events

Connections Edit View Collection Help

Compass

My Queries

CONNECTIONS (2)

Search connections

Dhanush

EventbookingDB

admins

bookings

counters

events

users

admin

config

local

monday123

operators

test

vitjune

vitmay

replication

events

Dhanush > EventbookingDB > events

Documents 3 Aggregations Schema Indexes 2 Validation

Type a query: { field: 'value' } or [Generate query](#)

Explain Reset Find </> Options

ADD DATA EXPORT DATA UPDATE DELETE

25 1 - 3 of 3

```

_id: ObjectId('68513ee97881a4574b37a921')
eventID: "EVT001"
name: "Codeathon"
date: "2025-06-30"
startTime: "02:00"
endTime: "19:00"
location: "MG AUDITORIUM"
description: "Hackathon. Real world problem solving."
capacity: 97
price: 200
status: "active"
createdAt: 2025-06-17T10:09:45.397+00:00
__v: 0

```

```

_id: ObjectId('68513f297881a4574b37a924')
eventID: "EVT002"
name: "dance and code"
date: "2025-06-27"
startTime: "09:00"
endTime: "13:00"
location: "AB1 portico"
description: "ABCDEFGHJKLMNOPQRSTUVWXYZ"
capacity: 50
price: 50
status: "active"
createdAt: 2025-06-17T10:10:49.564+00:00
__v: 0

```

Only the docs can be viewed as we deleted the 4th EVT

VIEWING ALL EVENTS INFO(There are three events as of now in the collection)

React App

localhost:3000/admin/event-info

Gmail YouTube Maps News Translate

All Bookmarks

All Events

ABC

Event ID: EVT003

Date: 2025-03-30

Start Time: 07:30

End Time: 20:00

Location: MG AUDITORIUM

Capacity: 100

Price: ₹100

Status: active

Description: NOTHING

Codeathon

Event ID: EVT001

Date: 2025-06-30

Start Time: 02:00

End Time: 19:00

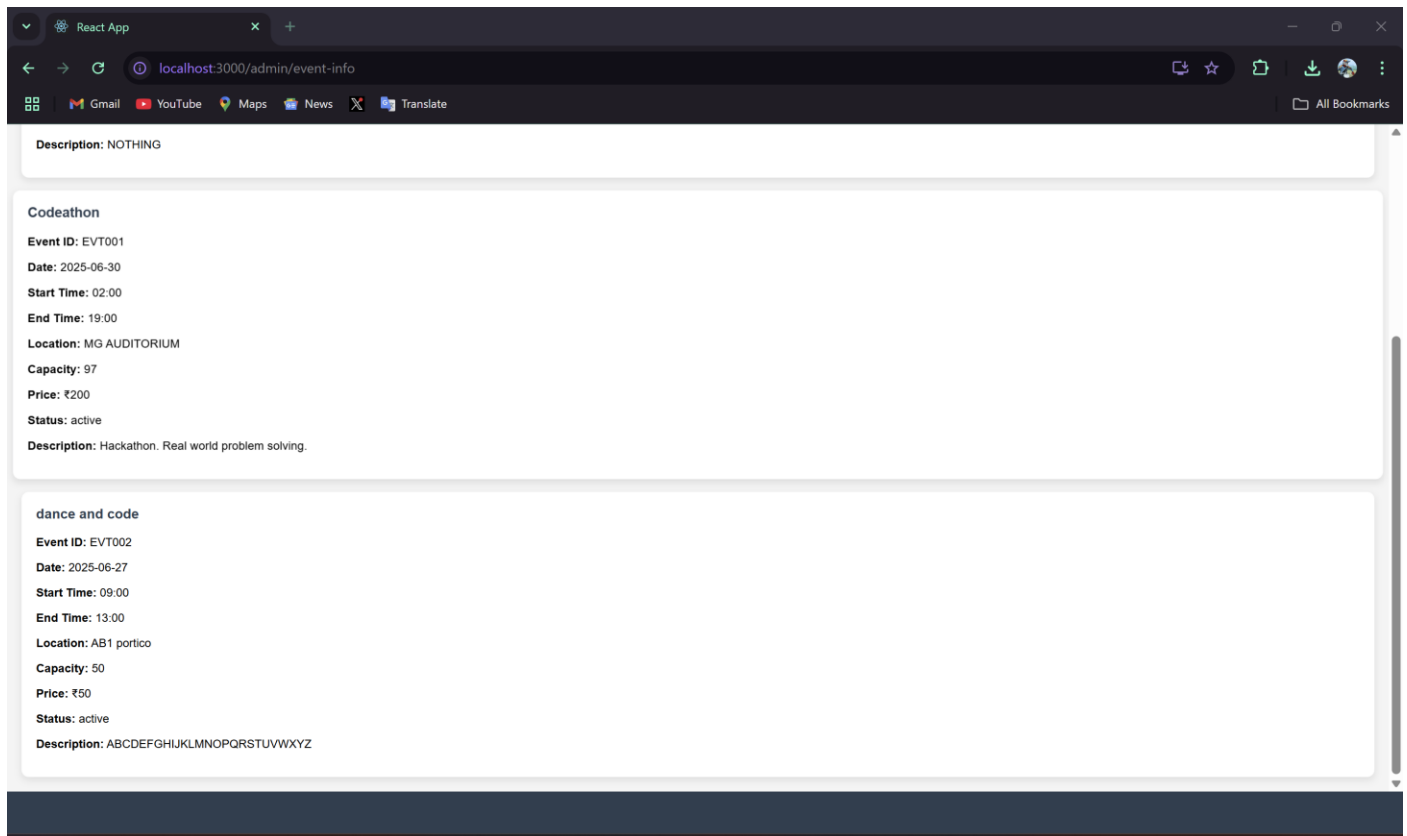
Location: MG AUDITORIUM

Capacity: 97

Price: ₹200

Status: active

Description: Hackathon. Real world problem solving.



G DRIVE LINK OF ENTIRE PROJECT FILE:

<https://drive.google.com/file/d/1VrIEuRXY-nrEZVcEFw3apuumCTRQYKqG/view?usp=sharing>