**1.Run the project :**

1.1 Open the Back folder and run the backend server and wait until the server is running and fully loaded



1.2 Open the front folder and run the frontend
Terminal -> new Terminal -> npm run dev
and copy the link that I marked , you can see in the picture



Copy the link to your browser, preferably Google Chrome.

## 2. The System:



**Welcome back!**
Enter your passport ID and password to log in

Passport ID

Enter your passport ID

Password

Enter your password

**Log In**

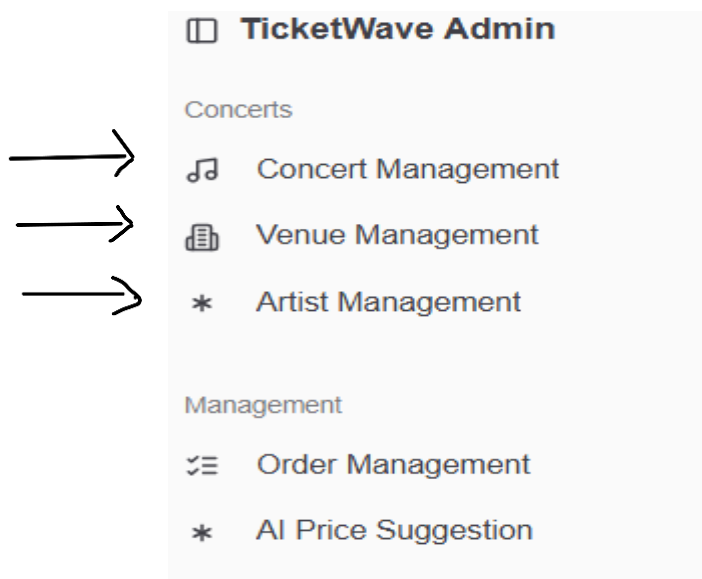Don't have an account? Sign up

Admin Login :
Passport ID : 208700104
Password: 123456

As you can see, this section displays all existing artists, venues, and shows.

To create a new show:

1. Go to Artist Management and add a new artist (if not already added).
2. Go to Venue Management and create a new venue.
3. Then, go to Concert Management and create a new show by selecting the artist, venue, date, and base price.



**TicketWave Admin**

Concerts

→ ♫ Concert Management

→ 🏢 Venue Management

→ ✳ Artist Management

Management

✔☰ Order Management

✳ AI Price Suggestion

<u>Suggest Price :</u>

To get a suggested show price (based on the dynamic pricing algorithm):

- Click on AI Price Suggestion
- Enter the name of an artist who already has an existing show in the system

Concerts

♫ Concert Management

🏛 Venue Management

✳ Artist Management

Management

⋮≡ Order Management

✳ AI Price Suggestion

**AI Price Suggestion**

Artist Name

Keren Peles

Suggest Price

Suggested Price:
$59.4
Max price:
72.6

## In order to see the all orders tickets :

Concerts

♫ Concert Management

🏛 Venue Management

✳ Artist Management

Management

⋮≡ Order Management

✳ AI Price Suggestion

**Order Management**

| Order ID | Customer ID | Concert | Seats |
|---|---|---|---|
| 1 | 206972432 | zappa tel aviv - Shlomo Artzi | (2,18), (6,81) |
| 2 | 068587286 | zappa tel aviv - Shlomo Artzi | (3,32), (3,33), (3,34) |
| 3 | 068587286 | Menora Tel Aviv - Omer Adam | (1,1),(1,2), (1,3) |
| 4 | 068587286 | Park Rishon Lezion - Keren Peles | (1,1), (1,2), (1,3), (1,4), |

A list of your recent orders.

# Client Login :

Passport ID : 209340587
Password: 123456



After logging in as a client,
you can purchase tickets for available shows.
We recommend trying a show like Idan Raichel or Keren Peles.
(Choose a small venue to test how the dynamic pricing algorithm reacts to real-time demand.)

Once more than 50% of the seats are booked, you'll see an automatic increase in ticket prices on the next purchase.
Additionally, the AI price suggestion will also be updated accordingly.
You can return to the **Admin** panel and view the **updated price suggestion** for the show, once more than **50% of the tickets** have been purchased.

After selecting a show and choosing your seats:
You will be prompted to enter your credit card details:

- Card Number: 16 digits
- Expiration Date (MM/YY format)
- CVV: 3-digit

**Client Registration:**
To register as a new client:

- Fill in the following details: Name, Email, Password, and Passport ID
- Please note: the Passport ID must be a valid Israeli ID number (9-digit format).
- Invalid IDs will not be accepted by the system.

## Welcome back!

Enter your passport ID and password to log in

Passport ID

Enter your passport ID

Password

Enter your password

Log In

Don't have an account? Sign up

## Create an account

Enter your information below to create an account

Name

Enter your name

Email

Enter your email

Password

Enter your password

Passport ID

Enter your passport ID

Register

Already have an account? Log in