

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

```
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

(.venv) PS C:\Users\97252\OneDrive\מחלקת הדיוקנה\SEMS_NEW\Back> uvicorn main:app --reload
INFO: Will watch for changes in these directories: ['C:\\Users\\97252\\OneDrive\\מחלקת הדיוקנה\\SEMS_NEW\\Back']
INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO: Started reloader process [25820] using StatReload
INFO: Started server process [38580]
INFO: Waiting for application startup.
INFO: Application startup complete.
```

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

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

> nextn@0.1.0 dev
> next dev --turbo --port 9002

▲ Next.js 15.2.3 (Turbopack)
- Local:      http://localhost:9002
- Network:    http://192.168.1.21:9002
- Environments: .env.local

✓ Starting...
✓ Ready in 3.5s
```

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

Password

[Log In](#)

Don't have an account? [Sign up](#)

Admin Login :

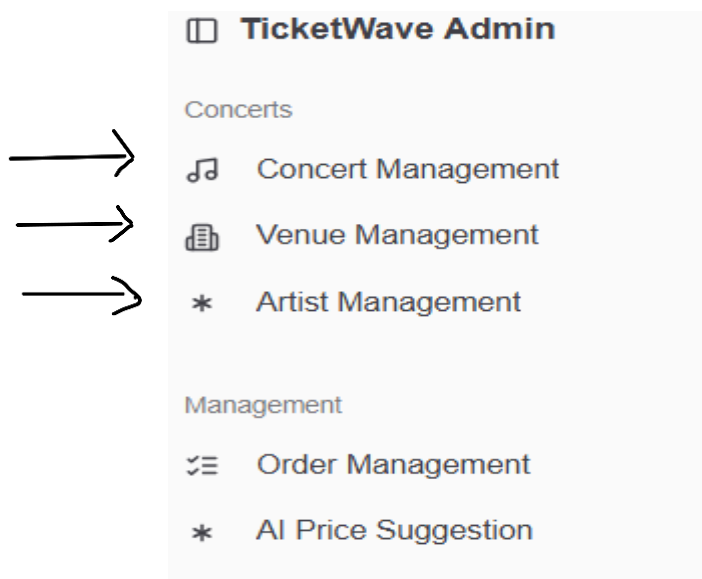
Passport ID : 208700104

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.



Suggest Price :

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:
\$2.8

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

Find Your Perfect Concert

All Artists

All Venues

All Genres

dd/mm/yyyy

0

1000

Shlomo Artzi
zapppa tel aviv
Date: 20.5.2025
Price: \$250.00
Book Tickets

Omer Adam
Menora Tel Aviv
Date: 18.6.2025
Price: \$400.00
Book Tickets

Ori Hezkia
Comedy Bar
Date: 7.7.2025
Price: \$100.00
Book Tickets

Miri Mesika
zapppa tel aviv
Date: 20.5.2025
Price: \$230.00
Book Tickets

Idan Raichel
Park Reshaim Lachon
Date: 7.7.2025
Price: \$80.00
Book Tickets

Yuval Dayan
zapppa tel aviv
Date: 15.7.2025
Price: \$50.00
Book Tickets

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

Price: \$400.00

Enter Credit Card Details

Card Number

1234 5678 9012 3456

Expiry Date

MM/YY

CVV

123

Pay Now

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!		Create an account	
Enter your passport ID and password to log in		Enter your information below to create an account	
Passport ID	Name	Email	Password
Enter your passport ID	Enter your name	Enter your email	Enter your password
Password	Passport ID		
Enter your password	Enter your passport ID		
Log In	Register		
Don't have an account? Sign up	Already have an account? Log in		