



Tripli^{co} Presentation

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1. Project Overview

Triplico is a tourism web platform designed to help users easily discover Egypt major cities, famous destinations, and curated travel experiences. The website allows visitors to explore detailed trip descriptions, view attractions for each city, and make bookings with clear pricing and a simple reservation process. It aims to centralize all essential travel information in one place, helping users plan their journeys without confusion. The project also includes an admin dashboard where authorized users can manage cities, destinations, trips, and customer bookings. By combining a clean user interface with a structured backend, EgyptExploring serves both travelers and tourism providers. It promotes Egyptian tourism, enhances trip accessibility, and offers a smooth, modern travel-planning experience.

Key Features:

User registration and authentication using ASP.NET Identity.

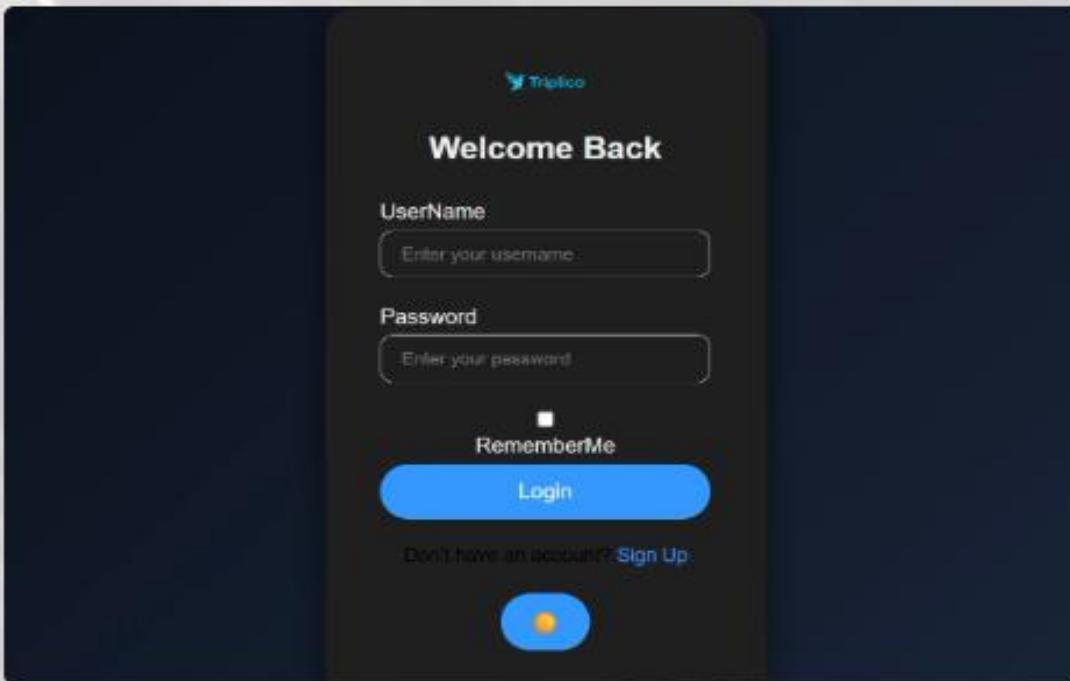
Browsing Egyptian cities and their tourist destinations.

Viewing and booking trips with date selection and total price calculation.

Admin management of users and trips.

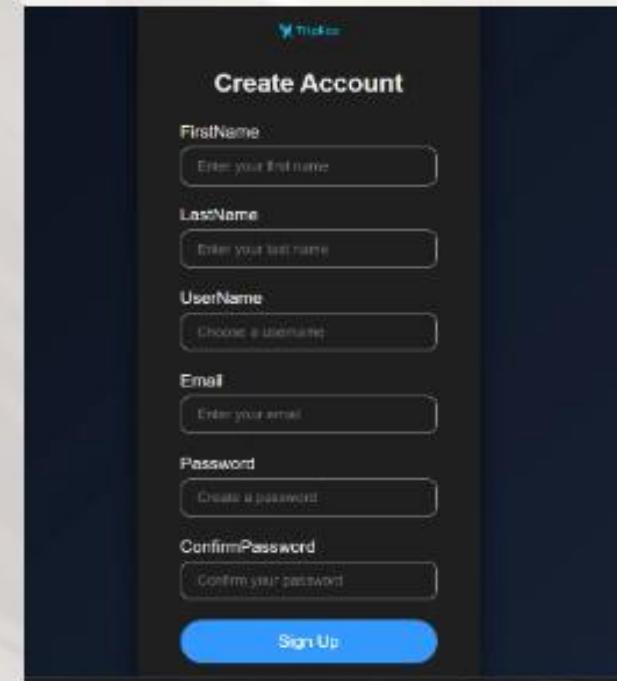
Data seeding with pre-defined cities, destinations, and trips.

User registration and authentication using ASP.NET Identity.



The login screen features a dark blue header with the 'Tripico' logo. Below it, the title 'Welcome Back' is displayed in white. The form contains two input fields: 'UserName' and 'Password', both with placeholder text 'Enter your ...'. A 'RememberMe' checkbox is present, followed by a blue 'Login' button. At the bottom, a link 'Don't have an account? Sign Up' leads to the registration page, and a yellow circular button is visible.

Item
Description



The create account screen has a dark blue header with the 'Tripico' logo. The title 'Create Account' is at the top. The form includes six input fields: 'FirstName', 'LastName', 'UserName', 'Email', 'Password', and 'ConfirmPassword', each with its own placeholder text. A blue 'Sign-Up' button is located at the bottom right.

Item
Description



Browsing Egyptian cities.



Viewing City Destinations e.g.
(Alexandria)



Available Trips

Browse all trips and choose the best option for you.

SEARCH**MIN PRICE****MAX PRICE**

Search by trip name:

e.g: 500

e.g: 3000

TRIP**CITY****PRICE FOR ONE PERSON (EGP)**

Cairo Historical Adventure

2500.00

[View Details](#)

Giza Pyramids & Sphinx

1800.00

[View Details](#)

Alexandria Heritage Tour

2300.00

[View Details](#)

Luxor Temple Discovery

3200.00

[View Details](#)

Aswan Nile Cruise

4000.00

[View Details](#)

Sharm El-Sheikh Diving Tour

3500.00

[View Details](#)

Hurghada Beach Escape

2800.00

[View Details](#)

Browsing Trips

Book Your Trip

Complete your booking details for:

Cairo Historical Adventure

PricePerOne
2500.00

NumberOfPersons
3

Total Price
7500.00 EGP

[← Back to Trips](#) [Confirm Booking](#)

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Book a Trip



My Bookings

Here you can see all your booked trips and details.

TRIP TITLE	DATE OF BOOKING	NUMBER OF PERSONS	TOTAL PRICE (EGP)
Cairo Historical Adventure	30/11/2025	2	5000.00
Luxor Temple Discovery	30/11/2025	4	12800.00
Marsa Alam Coral Reefs Tour	30/11/2025	3	13800.00

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User Bookings

Users

List of all registered users in the system.

FIRST NAME	LAST NAME	USERNAME	EMAIL	
Ibrahim	Saad	ibrahim1	ibrahimsaad12@gmail.com	<button>Lock</button>
Nour	mohamed	Nour1	nourmohamed211@gmail.com	<button>Lock</button>
younis	salem	soso52	younissoso@gmail.com	<button>Lock</button>
shahd	Ashraf	shaooda	shahdAshraf123@gmail.com	<button>Lock</button>
Ahmed	Mostafa	Kwkaba	AhmedKawkaba@gmail.com	<button>Unlock</button>
Omar	mohamed	Elgazar	OmatElgazar@gmail.com	<button>Lock</button>

Managing Users By Admin



Manage Trips

View, edit, delete, or add new trips.

[+ Add New Trip](#)**NAME****PRICE (EGP)**

Cairo Historical Adventure

2500.00

[Edit](#)[Delete](#)

Giza Pyramids & Sphinx

1800.00

[Edit](#)[Delete](#)

Alexandria Heritage Tour

2300.00

[Edit](#)[Delete](#)

Luxor Temple Discovery

3200.00

[Edit](#)[Delete](#)

Aswan Nile Cruise

4000.00

[Edit](#)[Delete](#)

Sharm El-Sheikh Diving Tour

3500.00

[Edit](#)[Delete](#)

Hurghada Beach Escape

2800.00

[Edit](#)[Delete](#)

Fayoum Nature Escape

2000.00

[Edit](#)[Delete](#)

managing Trips By Admin

2. Architecture & Design

Project Structure:



1

Separate Configuration Files.

2

Controllers.

3

Models.

4

Views.

5

Repositories.

6

Repository Interfaces.

7

View Models.

8

wwwroot For Static Files.

9

AppDbContext File For Data Access.



Technology Stack:

Backend
ASP.NET Core
MVC.

Authentica-
tion
ASP.NET
Identity.

ORM
Entity
Framework
Core.

Database
SQL Server.

Frontend
Razor Views, Bootstrap.



3. Database Design

Entities:

1- AppUser (inherits from identityUser To Add Additional Attributes).

2-City.

3-Trip

4-Destination

5-Booking

Relationships:



4. Repositories

Repositories follow the Repositories Interfaces:

AppUserRepository.

BookingRepository.

CityRepository.

DestinationRepository.

TripRepository.

Common Methods:

Create().

Read().

GetOne().

Update().

Delete().

Save().



5. Data Seeding

Pre-populated Data:

1

Cities (11).

2

Destinatio
ns (70+).

3

Trips (11).

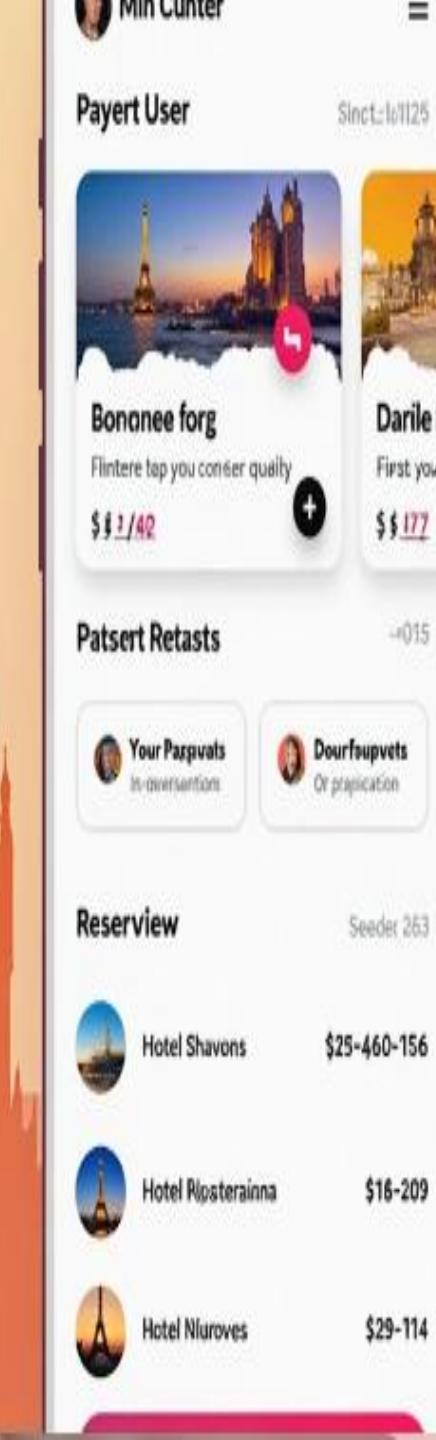
7. Future Enhancements

1 Payment integration.

2 Booking Hotels And Rooms.

3 Advanced roles.

4 Reviews system.





8. Team Members

Ziad
Mohamed
Hussein
(Login and
Signup
System).

Ibrahim
Saad Ali
(Managing
Booking,
Cities
Pages,
Destination
And Trips).

Nour Eldin
Mohamed
(Admin
Panel and
Database
Setup).

Omar Ahmed
(Frontend Team).

Ahmed Mostafa
(Frontend Team).

Thank You