

## Website description

The title of the website is "Booker", the theme "Flight Ticket Reservations for Tourist Destinations".

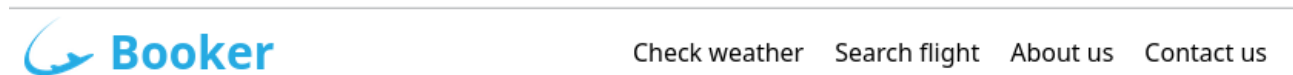
Main technologies used for development are Flask as backend and jQuery for frontend ajax-queries.

All pages share the same base template "base\_template.html".

There are 9 pages total:

Page number	Page title	Address	Template
1	None (Main page)	/	main.html
2	Contact us	/contact	contact.html
3	About us	/about	about_us.html
4	Flights	/flight	choose_flight.html
5	Booking...	/flight_form	book_page.html
6	Checkout	/submit_flight_form	checkout.html
7	Weather	/weather	weather.html
8	About Madrid!	/madrid	madrid.html
9	About London!	/london	london.html

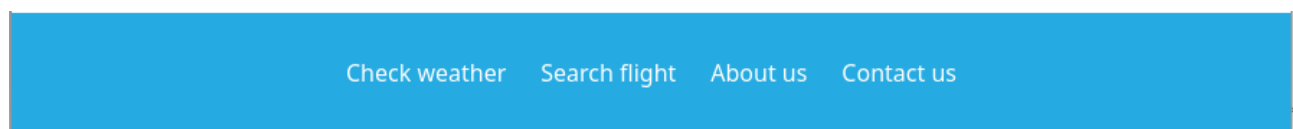
## Header



*Illustration 1— Header*

Header contains clickable logo "Booker" that leads to main page and navigation menu.  
Header template: header.html

## Footer



*Illustration 2— Footer*

Footer has its own template footer.html. It contains four links to pages: "Weather", "Flights", "About us", "Contact us"

## Navigation menu

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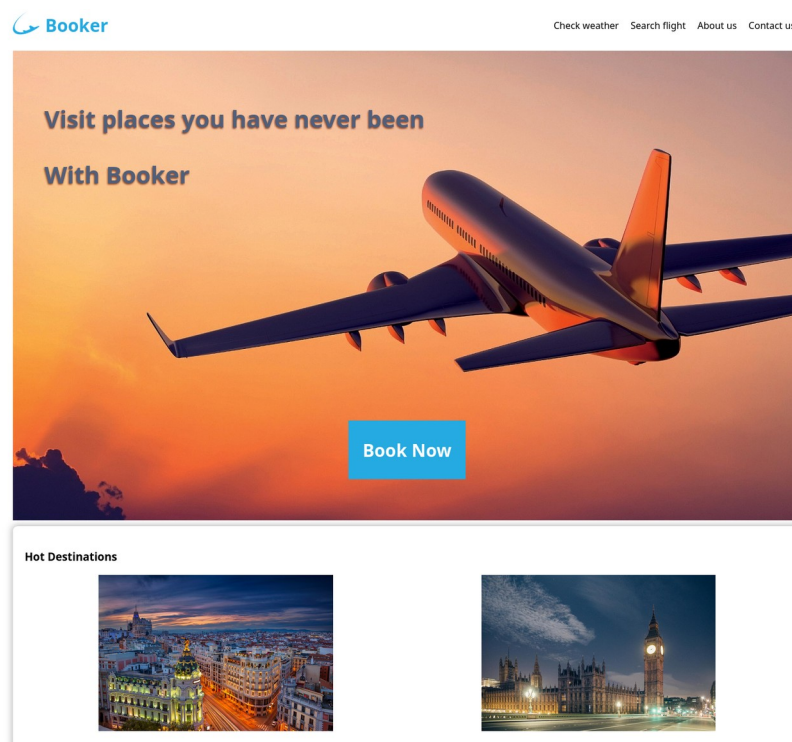
Check weather   Search flight   About us   Contact us

*Illustration 3— Navigation menu*

Navigation menu has its own template `navigation_menu.html`. It contains four links to pages: “Weather”, “Flights”, “About us”, “Contact us”

## Main page

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*Illustration 4— Main page*

Main page of the website. Contains main banner with “Book now” button and a section “Hot destinations”.

“Book now” button leads to “Flights” page.

“Hot destinations” section contains two images which are links to pages about Madrid and London (`madrid.html` and `london.html`)

**Visit places you have never been**  
**With Booker**

**Book Now**

#### Hot Destinations



*Illustration 5— Mobile view of main page*

## Contact us

Please, use the following form to contact us!

First Name

Alexander

Please, fill this field!

Email

example@email.com

Please, fill this field!

Comment

Last Name

Miller

Please, fill this field!

Reason of Contact

-----

Please, select the option!

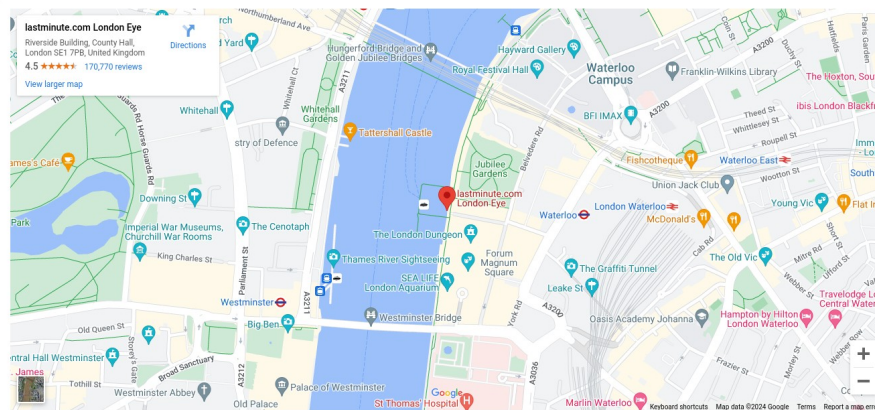
Submit

Our headquarters are located at:

456 Innovation Boulevard  
Tech Town, Silicon Valley 98765

Legal mailing address

101 Progress Avenue  
Metro Center, Urbania 12345  
Mountain View, Colorado 67890



Contact us page consists of three main sections: contact us form, organisation info, and a map. Contact us form requires first name, last name, email, reason of contact, comment section is optional. First name and last name are checked to start from capital letter and contain only letters. Email is also checked to fit into regular email pattern. Reason is a selector.

## Contact us

Please, use the following form to contact us!

First Name

Please, complete this field!

Last Name

Please, complete this field!

Email

Please, complete this field!

Reason of Contact

Please, select the option!

Comment

Submit

Our headquarters are located at:

456 Innovation Boulevard  
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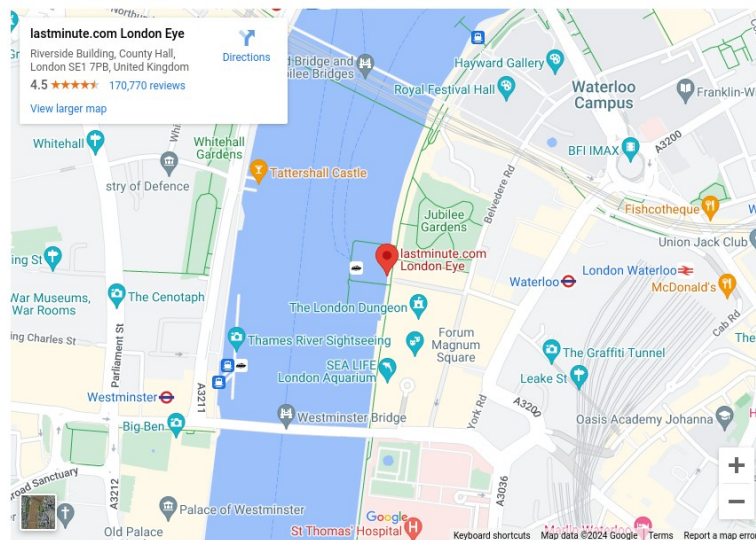


Illustration 6— Mobile view of Contact us page

# About us

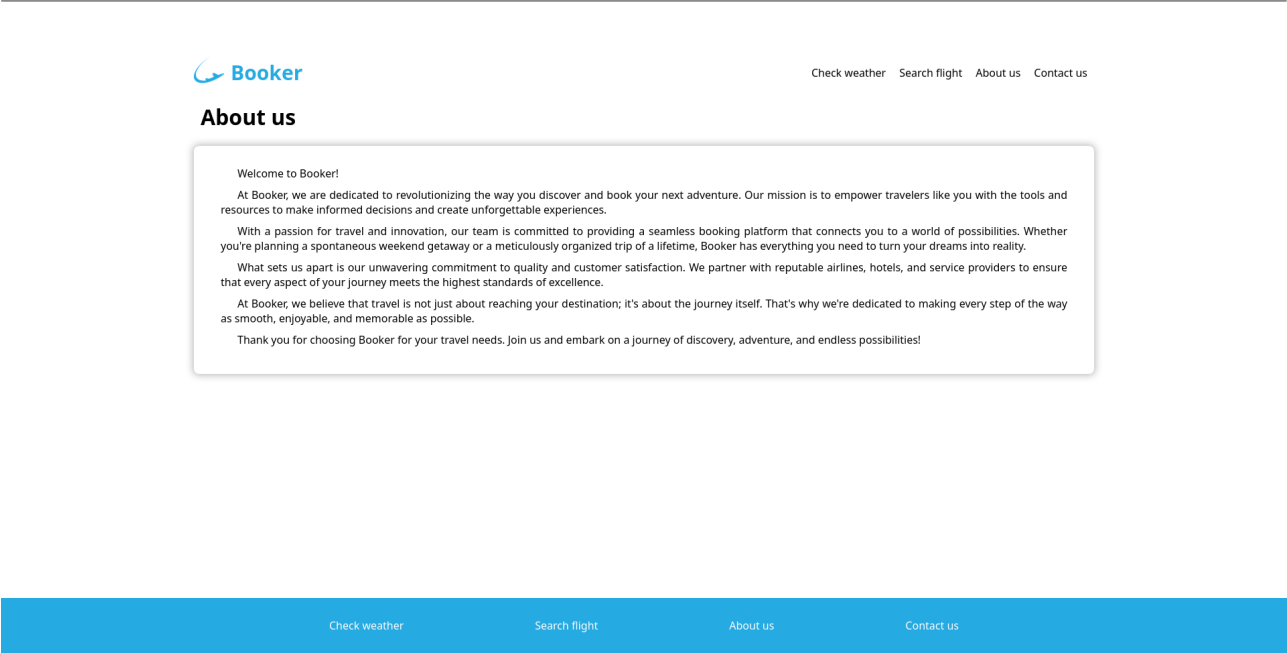


Illustration 7— About us page

Contains description of the website.

# Flights

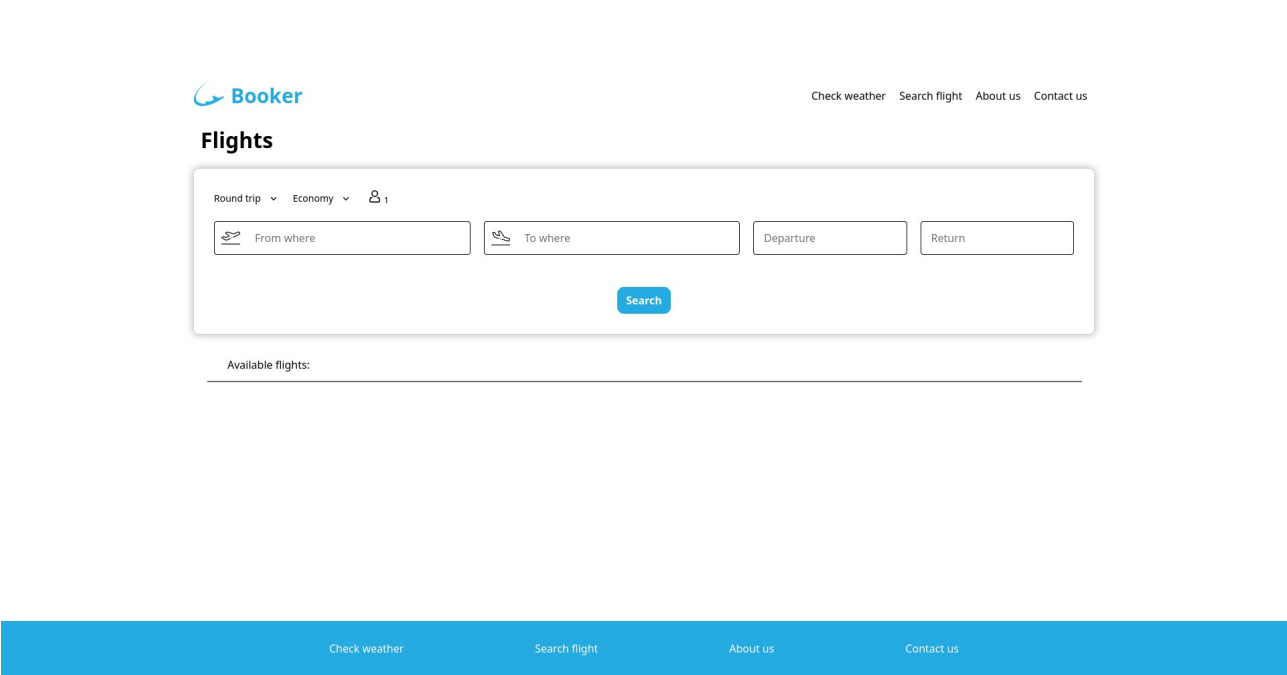


Illustration 8— Flights page

Flights page contains form allowing to search flights according to set of parameters. Parameters include: Round/one way trip, flight class (economy/business/first), amount of

passengers (adults and children) up to 8 person, departure point, destination point, departure date, return date (only for round trip).

 IC

Chicago, ORD




Mexico, MEX


Munich, MUC


Seoul, ICN


Illustration 9— Departure point dropdown


Departure and destination dropdowns support arrow navigation (left/right typing, up/down for option switching). Search can be conducted via city or IATA airport code. Dates are selected via calendar-style input

Round trip  Economy   1

 Chicago, ORD

 To where

dd / mm / yyyy 

dd / mm / yyyy 


Please, fill in arrival

Please, fill in arrival date

Please, fill in return date




Search


Illustration 10— If any field is not complete, user will receive notifications





Check weather Search flight About us Contact us

Flights

One way  First   3

 Bangkok, BKK

 Seoul, ICN

23 / 03 / 2024 


Search

Available flights:

Time: 09:00 — 11:30

Duration: 2.5 hours  
BKK—ICN

Nonstop

Cost: USD 1500 

Departure

☐ 2024-03-23 09:00 Suvarnabhumi Airport

☐ 2024-03-23 11:30 Incheon International Airport

Travel Time: 2.5 hours

Select →

Check weather

Search flight

About us

Contact us

Illustration 11— Example of flight from Bangkok to Seoul for two adults and one child

Flights

One way ▾ First ▾  3

 Bangkok, BKK

 Seoul, ICN

23 / 03 / 2024 

Search

Available flights:

Time: 09:00  
11:30

—

Duration: 2.5  
hours  
BKK—ICN

Nonstop

Cost: USD  
1500 ▲

Departure

☐

2024-03-23 09:00 Suvarnabhumi Airport

Travel Time: 2.5 hours

☐

2024-03-23 11:30 Incheon International Airport

Select →


Illustration 12— Mobile view of Flights page



## Booking...

Booking page is three-tab form.

First tab asks for passengers' personal information such as contact email and phone and Name, Surname and Passport number. Validity of names, email, phone and passport numbers are checked, if field is not filled or contains wrong data the user will be notified.



Check weather   Search flight   About us   Contact us

### Booking...

**Contact information for all passengers**

Email

example@email.com

Please, complete this field!

Phone number

Please, complete this field!

Confirm Email

example@email.com

Please, complete this field!

**Passenger 1, adult**

First name

Please, complete this field!

Last Name

Please, complete this field!

Passport number

Please, complete this field!

**Passenger 2, adult**

First name

Please, complete this field!

Last Name

Please, complete this field!

Passport number

Please, complete this field!

**Passenger 3, child**

First Name

Please, complete this field!

Last Name

Please, complete this field!

Passport Number

Please, complete this field!

**Order details**

**Departure**

**Date:** 2024-03-23

**From:** Suvarnabhumi Airport at 09:00

2.5 hours in air

**To:** Incheon International Airport at 11:30

Passenger 1, adult	USD 600
Passenger 2, adult	USD 600
Passenger 3, child	USD 300
<b>Total amount</b>	<b>USD 1500</b>

Continue →

Please, complete all required fields

Check weather   Search flight   About us   Contact us

*Illustration 13— First tab of Booking form*

Second tab is dedicated to seat selection. For every passenger user will be asked to pick a seat on a form.

Booker

Check weather   Search flight   About us   Contact us

Booking...

Seat Selection

All selected!

1A	1B	1C	1D
2A	2B	2C	2D
3A	3B	3C	3D
4A	4B	4C	4D
5A	5B	5C	5D
6A	6B	6C	6D
7A	7B	7C	7D
8A	8B	8C	8D
9A	9B	9C	9D
10A	10B	10C	10D

← Previous passenger

← Back

Continue →

Order details

Departure

Date: 2024-03-23

From: Suvarnabhumi Airport at 09:00

2.5 hours in air

To: Incheon International Airport at 11:30

Passenger 1, adult

USD 600

Passenger 2, adult

USD 600

Passenger 3, child

USD 300

Total amount

USD 1500

Illustration 14— Second tab of Booking form

Third tab contains all the data typed final submit button. Checkout button leads to Checkout page.

## Booking...

Please check the data, if something is wrong you can return to previous steps

## Contact info

Email **test@email.com**  
Phone number **+2343342323**

## Passenger 1, adult

First name **Alex**  
Last name **Burns**  
Passport number **423423432**  
Seat number **4C**

## Passenger 2, adult

First name **Maria**  
Last name **Black**  
Passport number **4324234234**  
Seat number **4D**

## Passenger 3, child

First name **Victor**  
Last name **Black**  
Passport number **32235355**  
Seat number **5C**

## Order details

## Departure

**Date:** 2024-03-23  
**From:** Suvarnabhumi Airport at 09:00  
*2.5 hours in air*  
**To:** Incheon International Airport at 11:30

Passenger 1, adult	<b>USD 600</b>
Passenger 2, adult	<b>USD 600</b>
Passenger 3, child	<b>USD 300</b>
<b>Total amount</b>	<b>USD 1500</b>

[← Back](#)[Check out →](#)

Illustration 15— Third tab of Booking page

## Booking...

## Order details

## Departure

Date: 2024-03-23

From: Suvarnabhumi Airport at 09:00

2.5 hours in air

To: Incheon International Airport at 11:30

Passenger 1, adult	USD 600
Passenger 2, adult	USD 600
Passenger 3, child	USD 300
Total amount	USD 1500

Please check the data, if something is wrong you can return to previous steps

## Contact\_info

Email **test@email.com**Phone number **+2343342323**

## Passenger 1, adult

First name **Alex**Last name **Burns**Passport number **423423432**Seat number **4C**

## Passenger 2, adult

First name **Maria**Last name **Black**Passport number **4324234234**Seat number **4D**

## Passenger 3, child

First name **Victor**Last name **Black**Passport number **32235355**Seat number **5C**[← Back](#)[Check out →](#)[Check weather](#)[Search flight](#)[About us](#)[Contact us](#)

Illustration 16— Mobile view of Booking page

# Checkout

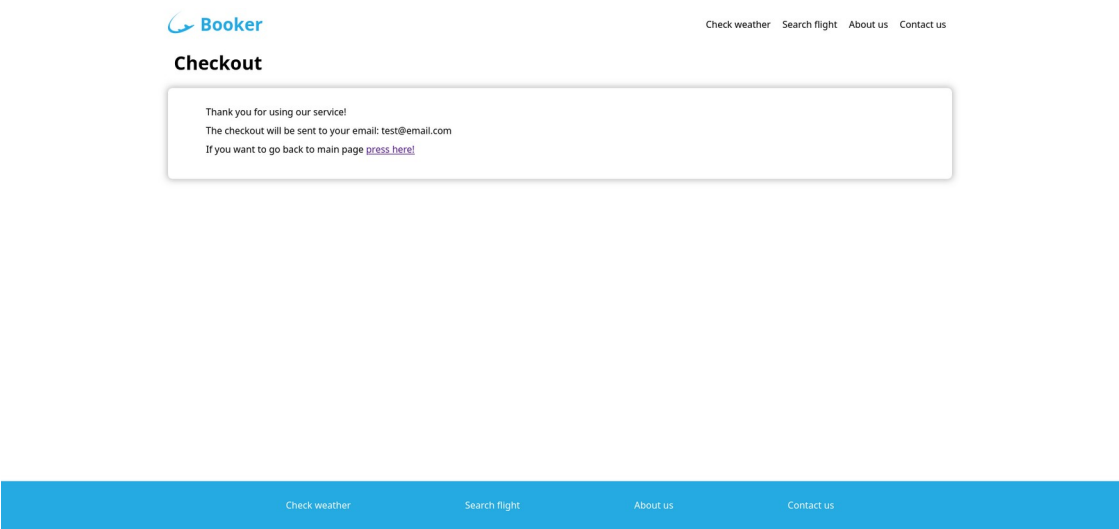


Illustration 17— Checkout page

# Weather

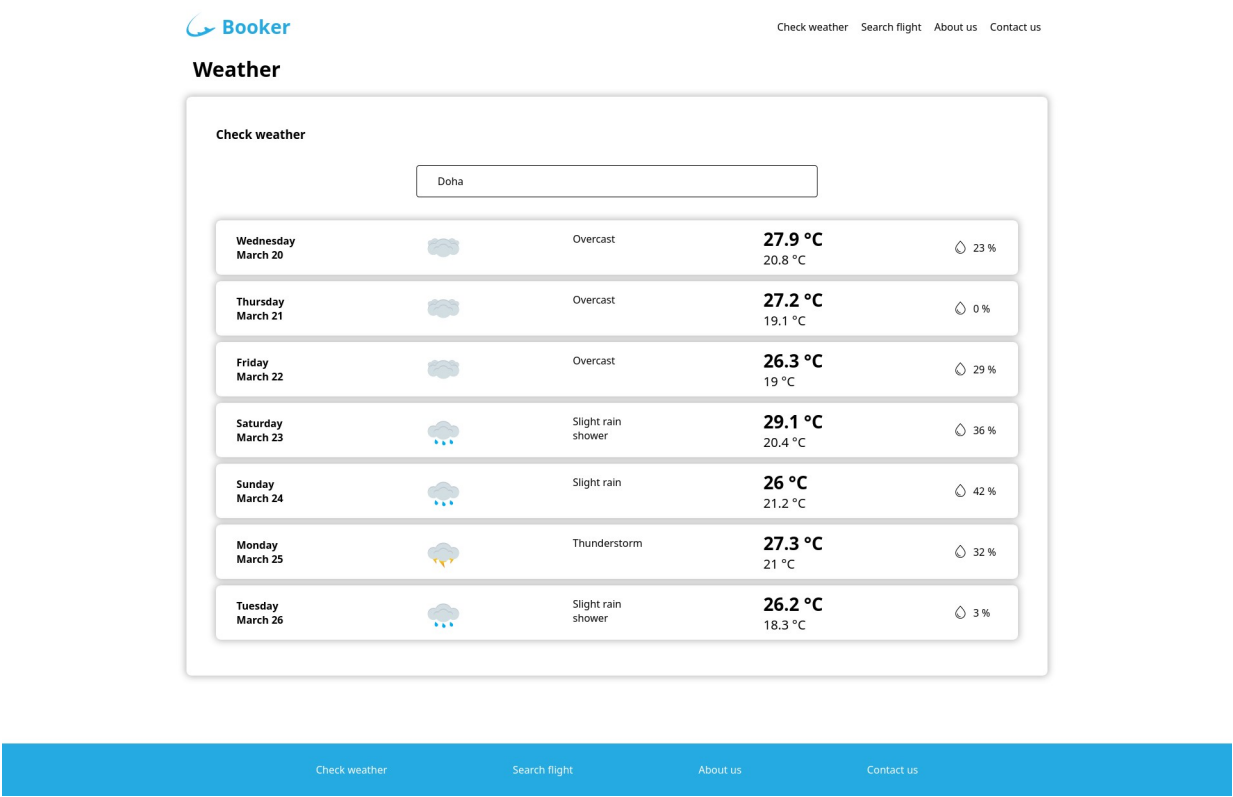


Illustration 18— Weather page

Weather page contains API integration for weather forecast. API endpoint: <https://api.open-meteo.com/v1/forecast>.

D
London
Amsterdam
Madrid
Dubai
Doha
Riyad

*Illustration 19— Search region of Weather page*

Input field supports arrow navigation (left/right for typing, up/down for option switching). Search is conducted by city name. Weather forecast is for 7 day timeframe, it shows maximum and minimum day temperature, main weather type, maximum probability of rain.

## About Madrid! And About London!

Booker

Check weather Search flight About us Contact us

### About Madrid!

Madrid, the capital of Spain



Madrid, the vibrant capital of Spain, is a city that pulsates with energy and history. Nestled in the heart of the Iberian Peninsula, Madrid is renowned for its rich cultural heritage, magnificent architecture, and passionate inhabitants.

One of the city's most iconic landmarks is the Royal Palace, a grandiose structure that showcases the opulence of Spain's royal past. Nearby, the Plaza Mayor serves as a bustling hub of activity, where locals and tourists alike gather to enjoy street performances, indulge in traditional cuisine, and soak in the lively atmosphere.

Art enthusiasts flock to Madrid to explore the world-class museums, including the Prado Museum, home to an extensive collection of European masterpieces, and the Reina Sofia Museum, which houses works by renowned Spanish artists such as Picasso and Dalí.

For those seeking a taste of authentic Spanish culture, Madrid's vibrant neighborhoods offer a wealth of experiences. From the trendy boutiques and hip cafes of Malasaña to the historic charm of La Latina's narrow cobblestone streets, each district has its own unique character and charm.

In the evenings, Madrid truly comes alive as the city's nightlife scene springs into action. From intimate tapas bars serving up mouthwatering delicacies to pulsating nightclubs where the party continues until the early hours, there's something for everyone to enjoy.

But perhaps the true essence of Madrid lies in its people—warm, passionate, and fiercely proud of their city. Whether strolling through the lush greenery of Retiro Park or cheering on their beloved football teams at the Santiago Bernabéu Stadium, Madrileños exude a zest for life that is infectious to all who visit.

In Madrid, every corner tells a story, and every moment is infused with the spirit of this captivating city. It's a place where tradition and modernity blend seamlessly, creating an unforgettable tapestry of experiences for all who wander its streets.

THINGS TO KNOW BEFORE YOU GO TO

Watch on YouTube

KNOW BEFORE YOU GO MADRID

Check weather Search flight About us Contact us

*Illustration 20— About Madrid page*

## About London!

London, the capital of Great Britain



London, the bustling metropolis nestled along the banks of the River Thames, is a city steeped in history, culture, and diversity. As the capital of the United Kingdom, London is a vibrant tapestry of ancient landmarks, modern skyscrapers, and eclectic neighborhoods.

At the heart of London stands the iconic Big Ben, a symbol of the city's resilience and endurance through the ages. Nearby, the majestic Tower of London stands guard over the city, its storied walls echoing with tales of kings, queens, and intrigue.

One cannot visit London without exploring its world-renowned museums and galleries. From the British Museum, with its vast collection of artifacts spanning millennia, to the Tate Modern, showcasing cutting-edge contemporary art, London is a paradise for art and history enthusiasts alike.

The city's diverse neighborhoods offer a kaleidoscope of experiences, from the colorful markets of Camden Town to the upscale boutiques of Knightsbridge. In Soho, the streets come alive with the sounds of laughter and music as visitors flock to its lively bars, restaurants, and theaters.

London's culinary scene is as diverse as its population, with cuisines from every corner of the globe waiting to be savored. Whether indulging in traditional fish and chips at a local pub or sampling Michelin-starred fare at a fine dining establishment, there's no shortage of culinary delights to discover.

As night falls, London transforms into a dazzling playground for nightlife enthusiasts. From chic rooftop bars offering panoramic views of the city skyline to underground clubs pulsating with the latest beats, there's no shortage of excitement to be found after dark.

But perhaps the most captivating aspect of London is its people – a melting pot of cultures, languages, and backgrounds coming together to create a truly unique tapestry of humanity. Whether sipping tea in a quaint cafe or cheering on their favorite football team at Wembley Stadium, Londoners exude a sense of warmth and hospitality that makes visitors feel right at home.

In London, every street corner holds a new adventure, and every moment is infused with the energy of this dynamic city. It's a place where the past meets the present, and where dreams are born amidst the hustle and bustle of everyday life.

London truly is a city like no other, where the possibilities are endless and the memories last a lifetime.



### Illustration 21— About London Page

Both pages About Madrid! And About London! Contain some information about corresponding city, image and video review.