

# Nomadia

<https://nomadiabe.onrender.com/>

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# The Problem

- Traditional travel planning methods often involve multiple websites, guidebooks, and word-of-mouth recommendations.
- This leads to overwhelming experiences.
- The lack of personalized itineraries exacerbates the issue.
- This underscores the necessity for a contemporary, user-friendly travel planning app to deliver a smooth travel planning process.

# Our Solution: Nomadia

# Nomadia

Book your next adventure.

## Nomadia™

I want to search for...

[Hotels](#)[Activities](#)[Flights](#)

An intuitive, one-stop solution for all your travel needs.

The ultimate trip planning tool.

An intuitive, one-stop solution for all your travel needs. Effectively find hotel accommodations, trip excursions, and flights to thousands of destinations worldwide.

First, pick your destination, travel dates, and number of travelers. Nomadia will build your itinerary as you lay hotel's, flights, and activities.

Later, save your trip and book the later.

Popular destinations

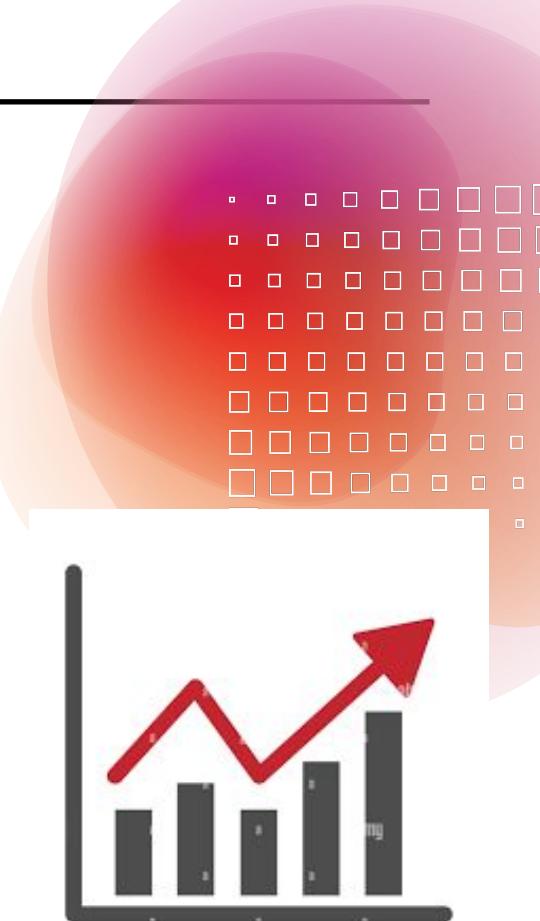
**Focus on being there, not on getting there.**



# The Market

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- Our website targets a wide range of users who are interested in planning and organizing their travel experiences.
- Competitors include: Expedia, Booking.com, TripAdvisor, and Kayak
- What truly distinguishes our website is its unwavering commitment to simplicity. We've gone to great lengths to streamline every aspect, ensuring that your experience remains free from any confusion. Our user-centric approach focuses on making everything as straightforward as possible, enabling you to navigate through the process effortlessly. Discover a platform that embraces clarity and simplicity to provide you with a seamless and enjoyable travel planning journey.



# User Stories

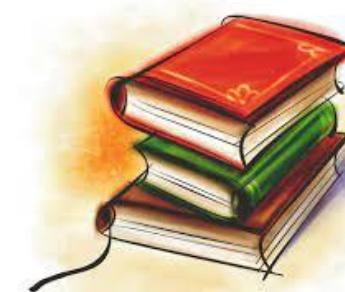
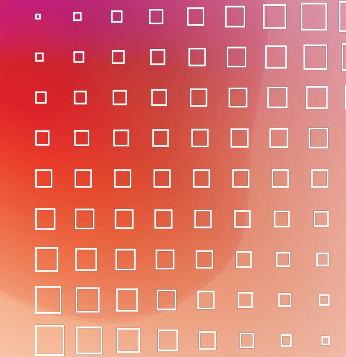
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## **User Story 1: Navigational Ease for Simplicity Seeker**

As a frequent traveler with limited tech-savviness, I struggle with navigating complex travel planning platforms. I desire a simplified user experience that caters to my needs without overwhelming me with unnecessary options. I envision a website that guides me step-by-step through the process, helping me easily find and select flights, accommodations, and activities that match my preferences and budget. With a clean and intuitive interface, I'll feel empowered to plan my trips confidently without the stress of getting lost in a maze of features.

## **User Story 2: Time-Conscious Business Traveler**

Being a busy professional, I often embark on work trips that need to be seamlessly organized. I need a travel planning tool that quickly compiles a comprehensive itinerary for my corporate journeys. The website should allow me to input my schedule and preferences, effortlessly curating a detailed plan that incorporates flights, accommodations, and relevant activities. By efficiently managing my work-related travels, this platform will provide me with the structure I require while ensuring my experiences are enjoyable even amid a packed schedule.



# Core feature: Filtering

Users can select booking pages to access (hotels, activities, and/or flights) to construct their itinerary.

## Nomadia

Book your next adventure.

I want to search for...

Hotels

Activities

Flights

Destination \*

New York

Check-in date

MM/DD/Y



Check-out date

MM/DD/Y

Travelers \*

1



Origin IATA \*

Arrival IATA \*

Search

August 2023



S M T W T F S

1 2 3 4 5

The ultimate tr

An intuitive, one-sto  
to thousands of des

essly find hotel accommodations, trip excursions, and flights

# Core feature: Hotel cards

Displays information about hotels at destination, including total price and hotel rating. Users can add one hotel to their itinerary.



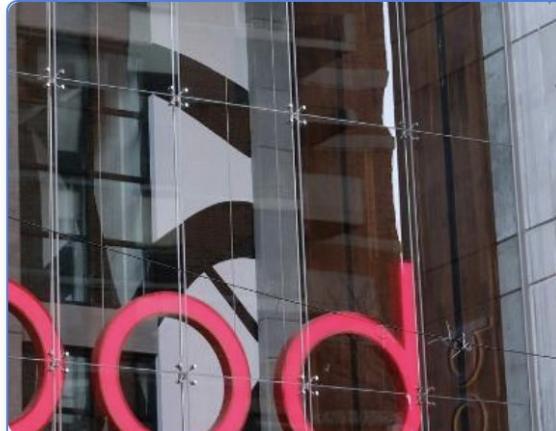
**Hilton Garden Inn New**

**\$1082.70** total price

Rating: 7.2 6842 reviews

Good

Selected



**Pod Times Square**

**\$924.44** total price

Rating: 8.1 16126 reviews

Very Good

Select



**Hilton Garden Inn West**

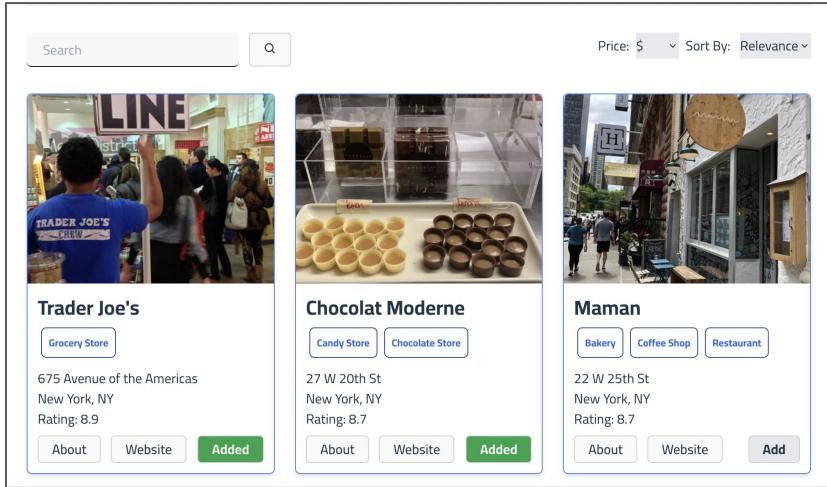
**\$1448.62** total price

Rating: 8.3 2653 reviews

Very Good

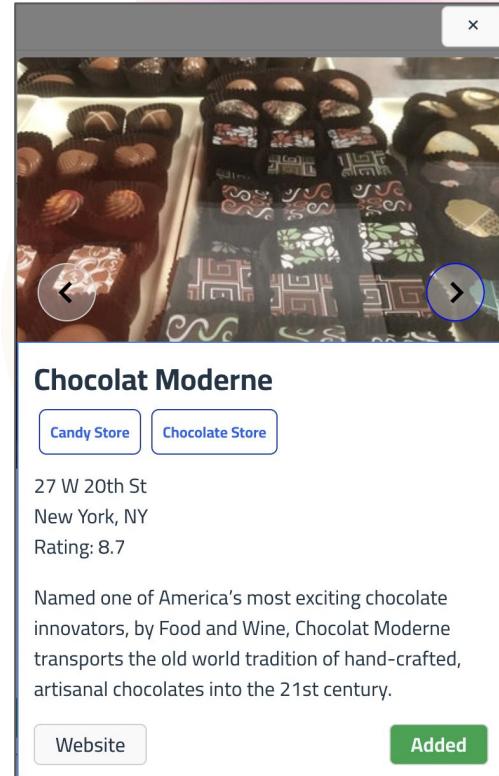
Select

# Core feature: activity cards



Displays information about activities at destination, including category, address, and rating.

Users can add multiple to their itinerary, and open the activity modal to view a description and more images.



# Core feature: flight cards

|   |  |   |
|---|--|---|
| <b>Outbound</b><br> Depart: 6:00 am<br>Arrive: 8:00 am | <b>Inbound</b><br> Depart: 8:59 am<br>Arrive: 4:42 pm | <b>Total</b> \$6174.71<br><b>price:</b><br>Price for all travelers<br><br><input type="button" value="Select"/> |
|---|--|---|

Users can view multiple flight packages for selected dates and add to itinerary.

# Core feature: checkout

Latest booking

**Pod Times Square**  
\$527.00  
Total price  
**Very Good**

**Total: \$527.00**

1 Your Selection ————— 2 Your Details ————— 3 Final Step

**Pod Times Square**  
Arrival: Saturday, August 12, 2023, Number of nights: 3 

Select the number of rooms you want to book **I'll reserve**

| Room Type  | Max. people | Today's Price | Select Rooms                                      |
|--|-------------|---------------|---|
| <a href="#">Bunk Pod - Free cancellation</a><br>▼ Prices are per room for 3 nights<br>Included: TAX, City tax, Resort fee.     | 1           | \$684.08      | <input type="text" value="0"/> Only 5 rooms left! |
| <a href="#">Full Pod ADA - Free cancellation</a><br>▼ Prices are per room for 3 nights<br>Included: TAX, City tax, Resort fee. | 1           | \$752.93      | <input type="text" value="0"/> Only 2 rooms left! |
| <a href="#">Full Pod - Free cancellation</a><br>▼ Prices are per room for 3 nights<br>Included: TAX, City tax, Resort fee.     | 1           | \$752.93      | <input type="text" value="0"/> Only 5 rooms left! |
| <a href="#">Queen Pod - Free cancellation</a>  | 1           | \$831.79      | <input type="text" value="0"/> Only 5 rooms left! |

Nomadia

Hotel in **NEW YORK**

2023-08-12 to 2023-08-15

Total trip cost: \$527.00

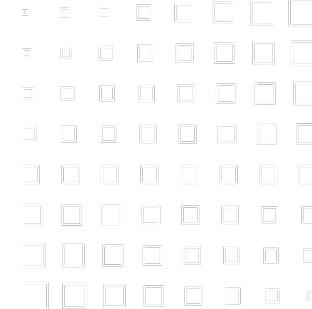
For booking, please visit [Booking.com](#).

# Core feature: favorites

Authenticated users can save itineraries once they have added a hotel, a flight, and one or more activities.

The image shows the Nomadia mobile application interface. On the left, the dashboard features a large circular profile icon with a blue and white gradient. Below it are three buttons: "Account", "Itineraries", and "Lastest booking". The main content area is titled "Itineraries" and displays two saved itineraries:

| Itinerary          | Details  |
|--------------------|--|
| <b>Itinerary 1</b> | <b>Hotel:</b> Hilton Garden Inn New York Central Park South- Midtown West<br><b>Activities</b><br>Chocolat Moderne<br>Trader Joe's<br><b>Flight</b><br>3:44 am - 12:36 pm<br>Duffel Airways<br>JFK - LAX<br>Total Price: \$1071.60<br>Dates: 08-10-2023 - 08-16-2023 |
| <b>Itinerary 2</b> | <b>Hotel:</b> Pod Times Square<br><b>Activities</b><br>Chocolat Moderne<br><b>Flight</b><br>3:44 am - 12:36 pm<br>Duffel Airways<br>JFK - LAX<br>Total Price: \$1082.70<br>Dates: 08-10-2023 - 08-16-2023  |



# Schema/Endpoints

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- POST/DELETE/GET for user endpoints
  - Login/Register
  - Add/Find/Delete User
- Post/GET for the API endpoints
  - Hotels Search Endpoint
  - Flight Offers Endpoint
  - Activities Endpoint
- Saving Item Endpoints
  - POST/DELETE/GET for the saved Itineraries/Orders table
  - POST/DELETE/GET request for the Favorites Table

red, 6 days ago | Author (10) You, last week via PR #54 • added get post de

```
CREATE TABLE users (
    id SERIAL PRIMARY KEY,
    name TEXT NOT NULL,
    email TEXT NOT NULL UNIQUE CHECK (POSITION('@' IN email) > 1),
    password TEXT NOT NULL,
    phone_number TEXT NOT NULL,
    favorites JSONB DEFAULT '[]',
    itineraries JSONB DEFAULT '[]',
    flights JSONB DEFAULT '[]'
);

CREATE TABLE hotels (
    id SERIAL PRIMARY KEY,
    name TEXT NOT NULL,
    city TEXT NOT NULL,
    price TEXT NOT NULL,
    check_in TEXT NOT NULL,
    check_out TEXT NOT NULL
);

CREATE TABLE activities (
    id SERIAL PRIMARY KEY,
    name TEXT NOT NULL,
    price INTEGER,
    city TEXT NOT NULL,
    check_in TEXT NOT NULL,
    check_out TEXT NOT NULL
);

CREATE TABLE flights (
    id SERIAL PRIMARY KEY,
    origin TEXT NOT NULL,
    destination TEXT NOT NULL,
    departing_at TIMESTAMP NOT NULL,
    arriving_at TIMESTAMP NOT NULL,
    carrier_name TEXT NOT NULL,
    carrier_logo_url TEXT,
    carrier_website TEXT
);
```

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## Backend API's

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# Demo

User story 1:

**Unauthenticated  
users**

# Users can:

- Navigate to each booking page (hotels, flights, and activities)
- Book a hotel and check out

User story 2:

**Authenticated  
users**

# Users can:

- Navigate to each booking page
- Book a hotel and check out
- View their account page
- Save itineraries
- View saved itineraries

Thank You!