

IRI:
http://example.org/ontologies/tourism.owl

Other visualisation :
[Ontology source](#) - [WebVowl](#)

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Classes

[accommodation](#)[culture](#)[feedback](#)[historical buildings](#)[itinerary](#)[landmarks](#)[location](#)[mountain](#)[museum](#)[person](#)[preferences](#)[restaurant](#)[review](#)[tourist attraction](#)[touristmanager](#)[travel action](#)[weather](#)

accommodation^c

back to [ToC](#) or [Class ToC](#)

IRI: https://schema.org/Accommodation

A place to stay overnight, like a hotel, hostel, or vacation rental.

is in domain of

[floor level](#)^{dp}, [number of bathrooms total](#)^{dp}, [number of bedrooms](#)^{dp}

culture^c

back to [ToC](#) or [Class ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#culture

Culture is the shared beliefs, values, customs, behaviors, and artifacts that define a group of people, passed down through generations.

is in domain of

[associate](#)^{op}

feedback^c

back to [ToC](#) or [Class ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#feedback

feedback is given about the tour by tourist.

historical buildings^C

back to [ToC](#) or [Class ToC](#)

IRI: <http://example.org/ontologies/tourism.owl#HistoricalBuildings>

A historical building is a structure from the past that holds cultural, architectural, or social significance.

has super-classes

[tourist attraction](#)^C

itinerary^C

back to [ToC](#) or [Class ToC](#)

IRI: <https://schema.org/itinerary>

An organized plan outlining a trip's activities, destinations, and logistics for a specific timeframe.

is in domain of

[activities](#)^{dp}, [basedon](#)^{op}, [include](#)^{op}, [timing](#)^{dp}

is in range of

[write](#)^{op}

landmarks^C

back to [ToC](#) or [Class ToC](#)

IRI: <http://example.org/ontologies/tourism.owl#Landmarks>

Landmarks are prominent features or locations that are noteworthy due to their historical, cultural, or scenic significance.

has super-classes

[tourist attraction](#)^C

is disjoint with

[mountain](#)^C, [museum](#)^C, [tourist attraction](#)^C

location^C

back to [ToC](#) or [Class ToC](#)

IRI: <https://schema.org/location>

It will give the exact location for accommodation, restaurants and tourist attraction

is in domain of

[coordinates](#)^{dp}, [place](#)^{dp}

is in range of

[associate](#)^{op}, [for](#)^{op}, [locatedin](#)^{op}

mountain^C

back to [ToC](#) or [Class ToC](#)

IRI: https://schema.org/Mountain

Mountains are towering landforms that rise significantly above their surroundings, often characterized by steep slopes and exposed rock.

has super-classes

[tourist attraction](#)^C

is disjoint with

[landmarks](#)^C, [museum](#)^C, [tourist attraction](#)^C

museum^C

back to [ToC](#) or [Class ToC](#)

IRI: https://schema.org/Museum

A museum is a non-profit institution that collects, conserves, exhibits, and interprets objects of historical, cultural, or scientific importance.

has super-classes

[tourist attraction](#)^C

is disjoint with

[landmarks](#)^C, [mountain](#)^C, [tourist attraction](#)^C

person^C

back to [ToC](#) or [Class ToC](#)

IRI: https://schema.org/Person

Person is actually the Tourist which give preferences to the touristmanagers about his tour and also give feedback and review about tour

is in domain of

[gender](#)^{dp}, [give](#)^{op}, [have](#)^{op}

is in range of

[giveplan](#)^{op}

preferences^C

back to [ToC](#) or [Class ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#Preferences

Preferences are personal inclinations or biases towards certain options, experiences, or characteristics.

is in domain of

[attractiontype](#)^{dp}

is in range of

[basedon](#)^{op}, [have](#)^{op}

<div>restaurant^C</div> <div>back to ToC or Class ToC</div> <div>IRI: https://schema.org/Restaurant</div> <div>A place that serves prepared meals to customers, offering a variety of cuisines and atmospheres.</div> <div>is in domain of</div> <div>accepts reservations^{dp}, has menu^{dp}</div>
<div>review^C</div> <div>back to ToC or Class ToC</div> <div>IRI: https://schema.org/Review</div> <div>A written evaluation of a product, service, or experience, sharing opinions and recommendations.</div>
<div>tourist attraction^C</div> <div>back to ToC or Class ToC</div> <div>IRI: https://schema.org/TouristAttraction</div> <div>A place or activity that draws visitors due to its historical, cultural, natural, or entertainment significance.</div> <div>has sub-classes</div> <div>historical buildings^C, landmarks^C, mountain^C, museum^C</div> <div>is in domain of</div> <div>event^{dp}</div> <div>is in range of</div> <div>include^{op}</div> <div>is disjoint with</div> <div>landmarks^C, mountain^C, museum^C</div>
<div>touristmanager^C</div> <div>back to ToC or Class ToC</div> <div>IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#Touristmanager</div> <div>A tourist manager curates tourist experiences, promotes destinations, and ensures visitor satisfaction within the tourism industry</div> <div>is in domain of</div> <div>giveplan^{op}, review^{dp}, view^{op}, write^{op}</div>
<div>travel action^C</div> <div>back to ToC or Class ToC</div> <div>IRI: https://schema.org/TravelAction</div>

To journey through a place to discover its sights, culture, and experiences.

is in domain of

[booking_time^{dp}](#), [distance^{dp}](#), [from location^{dp}](#), [to location^{dp}](#)

weather^c

back to [ToC](#) or [Class ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#weather

Weather is the condition of the atmosphere at a specific time and place, characterized by elements like temperature, precipitation, wind, and humidity.

is in domain of

[date^{dp}](#), [temperature^{dp}](#), [weathertype^{dp}](#)

Object Properties

[associate](#) [basedon](#) [for](#) [give](#) [giveplan](#) [have](#) [include](#) [locatedin](#) [view](#)
[write](#)

associate^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#associate

culture is associated with that place

has domain

[culture^c](#)

has range

[location^c](#)

basedon^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#basedon

itinerary is based on preferences

has domain

[itinerary^c](#)

has range

[preferences^c](#)

for^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#for>

check weather and travelaction for any location

has domain
[weather](#)^c or [travel action](#)^c

has range
[location](#)^c

[give](#)^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#give>

Tourist give reviews and feedback about tour

has domain
[person](#)^c

has range
[feedback](#)^c or [review](#)^c

[giveplan](#)^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#giveplan>

Touristmanager give plan to Tourist

has domain
[touristmanager](#)^c

has range
[person](#)^c

[have](#)^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#have>

Person have some preferences about tour

has domain
[person](#)^c

has range
[preferences](#)^c

[include](#)^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#include>

itinerary contain list of tourist attraction

has domain

[itinerary](#)^c

has range

[tourist attraction](#)^c

locatedin^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#locatedin>

give exact location for accomodation,restaurants and tourist attraction

has domain

[accommodation](#)^c or [restaurant](#)^c or [tourist attraction](#)^c

has range

[location](#)^c

view^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#view>

Touristmanager view record of accomodation,restaurant,travel action and view all the itinerary and view feedback and reviewgiven by tourist

has domain

[touristmanager](#)^c

has range

[preferences](#)^c or [feedback](#)^c or [accommodation](#)^c or [restaurant](#)^c or [review](#)^c or [travel action](#)^c or [itinerary](#)^c

write^{op}

back to [ToC](#) or [Object Property ToC](#)

IRI: <http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#write>

Tourist manager write itinerary

has domain

[touristmanager](#)^c

has range

[itinerary](#)^c

Data Properties

accepts reservations	activities	address	amenity feature	attractiontype
booking time	coordinates	date	distance	email
event	floor level	from location	gender	given name
has menu	number of bathrooms total	number of bedrooms	opening hours	place
price range	review	routes	telephone	temperature
timing	to location	tour booking page	typeoftransport	weathertype

accepts reservations^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/acceptsReservations

Restaurant accepts reservation or not

has domain

[restaurant](#)^c

has range

boolean

activities^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#activities

itinerary have different activities that perform during tour

has domain

[itinerary](#)^c

has range

string

address^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/address

Tourist manager,tourist,touristattraction and accomodation are located somewhere

has domain

[touristmanager](#)^c or [accommodation](#)^c or [person](#)^c or [tourist attraction](#)^c

has range

string

amenity feature^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/amenityFeature

Accommodation and restaurant have some ammenity features like wifi

has domain
[accommodation](#)^c or [restaurant](#)^c

has range
string

[attractiontype](#)^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#attractiontype

preferences have attractiontype

has domain
[preferences](#)^c

has range
string

[booking time](#)^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/bookingTime

Travel action have some bookingtime

has domain
[travel action](#)^c

has range
date time

[coordinates](#)^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#coordinates

location have coordinates

has domain
[location](#)^c

has range
string

[date](#)^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#date

weather on specific date

has domain

<div>weather^C</div> <div><div>has range</div><div>date time</div></div>	
<div><div>distance^{dp}</div><div>back to ToC or Data Property ToC</div></div> <div><div>IRI: https://schema.org/distance</div><div>travel action have some distance to travel</div></div> <div><div>has domain</div><div>travel action^C</div><div><div>has range</div><div>string</div></div></div>	
<div><div>email^{dp}</div><div>back to ToC or Data Property ToC</div></div> <div><div>IRI: https://schema.org/email</div><div>email of the person and Touristmanager</div></div> <div><div>has domain</div><div>touristmanager^C or person^C</div><div><div>has range</div><div>string</div></div></div>	
<div><div>event^{dp}</div><div>back to ToC or Data Property ToC</div></div> <div><div>IRI: https://schema.org/event</div><div>Touristattraction have some events</div></div> <div><div>has domain</div><div>tourist attraction^C</div><div><div>has range</div><div>string</div></div></div>	
<div><div>floor level^{dp}</div><div>back to ToC or Data Property ToC</div></div> <div><div>IRI: https://schema.org/floorLevel</div><div>floorlevel for accomodation</div></div> <div><div>has domain</div><div>accommodation^C</div><div><div>has range</div><div>integer</div></div></div>	

from location^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/fromLocation

travelaction have some source

has domain

[travel action](#)^c

has range

string

gender^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/gender

tourist is male or female

has domain

[person](#)^c

has range

string

given name^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/givenName

tourist,tourist manager, tourist attraction have name

has domain

[touristmanager](#)^c or [person](#)^c or [tourist attraction](#)^c

has range

string

has menu^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/hasMenu

restaurant have some menu

has domain

[restaurant](#)^c

has range

string

number of bathrooms total^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/numberOfBathroomsTotal

Number of bathrooms in accomodation

has domain

[accommodation](#)^c

has range

integer

number of bedrooms^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/numberOfBedrooms

number od bedrooms in accomodation

has domain

[accommodation](#)^c

has range

integer

opening hours^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/openingHours

opening hours of accomodation and restaurants

has domain

[accommodation](#)^c or [restaurant](#)^c

has range

date time

place^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/Place

location of which place

has domain

[location](#)^c

has range

string

price range^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/priceRange

price range for travel action and itinerary

has domain

[travel action](#)^c or [itinerary](#)^c

has range

integer	
review ^{dp}	back to ToC or Data Property ToC
IRI: https://schema.org/review	
Person give review to touristmanager	
has domain	
touristmanager ^c	
has range	
string	
routes ^{dp}	back to ToC or Data Property ToC
IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#routes	
Itinerary and travel action have routes	
has domain	
travel action ^c or itinerary ^c	
has range	
string	
telephone ^{dp}	back to ToC or Data Property ToC
IRI: https://schema.org/telephone	
Touristmanager and accomodation and touristattraction and Person have phonenumbr	
has domain	
touristmanager ^c or accommodation ^c or person ^c or tourist attraction ^c	
has range	
integer	
temperature ^{dp}	back to ToC or Data Property ToC
IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#temperature	
temperature of weather	
has domain	
weather ^c	
has range	
string	

timing^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#timing

timing of itinerary

has domain

[itinerary](#)^c

has range

string

to location^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/toLocation

Travelaction have some destination

has domain

[travel action](#)^c

has range

string

tour booking page^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: https://schema.org/tourBookingPage

tourbooking page for accomodation and touristattraction

has domain

[accommodation](#)^c or [tourist attraction](#)^c

has range

any u r i

typeoftransport^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI: http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#typeoftransport

Preferences and Travel action need some transport

has domain

[preferences](#)^c or [travel action](#)^c

has range

string

weathertype^{dp}

back to [ToC](#) or [Data Property ToC](#)

IRI:	http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#weathertype
type of weather	
<hr/>	
has domain	weather ^C
has range	string
<hr/>	

General Axioms

All Disjoint Classes	back to ToC
<hr/>	
landmarks ^C , mountain ^C , museum ^C , tourist attraction ^C	

Namespace Declarations

[back to ToC](#)

default namespace	http://example.org/ontologies/tourism.owl#
ontologies	http://example.org/ontologies/
owl	http://www.w3.org/2002/07/owl#
rdf	http://www.w3.org/1999/02/22-rdf-syntax-ns#
rdfs	http://www.w3.org/2000/01/rdf-schema#
schema-org	https://schema.org/
untitled-ontology-28	http://example.org/ontologies/tourism.owlabc/ontologies/2024/4/untitled-ontology-28#
xsd	http://www.w3.org/2001/XMLSchema#

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