

## Data Dictionary

user		
Attribute name	Data type	Attribute description
PK user_ID	INT	A primary key
FK language_ID	INT	A foreign key that refers to the primary key of the table language
last_name	VARCHAR(100)	Last name of the user
first_name	VARCHAR(100)	First name of the user
email	VARCHAR(100)	Email of the user
phone_number	VARCHAR(25)	Phone number of the user
date_of_birth	DATE	Date of birth of the user
about	TEXT	A short text about the user in which they introduce themselves
host		
PK host_ID	INT	A primary key
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
last_name	VARCHAR(100)	Last name of the host
first_name	VARCHAR(100)	First name of the host
email	VARCHAR(100)	Email of the host
phone_number	VARCHAR(25)	Phone number of the host
date_of_birth	DATE	Date of birth of the host
accommodation		
PK accommodation_ID	INT	A primary key
FK host_ID	INT	A foreign key that refers to the primary key of the table host
FK accommodation_address_ID	INT	A foreign key that refers to the primary key of the table accommodation address
FK accommodation_category_ID	INT	A foreign key that refers to the primary key of the table accommodation category
FK accommodation_type_ID	INT	A foreign key that refers to the primary key of the table accommodation type
FK place_type_ID	INT	A foreign key that refers to the primary key of the table place type
FK accessibility_feature_ID	INT	A foreign key that refers to the primary key of the table accessibility feature

FK accommodation_essential	INT	A foreign key that refers to the primary key of the table accommodation_essential
FK accommodation_service	INT	A foreign key that refers to the primary key of the table accommodation_service
name	VARCHAR(200)	Name of the accommodation
bedroom_count	VARCHAR(5)	Number of bedrooms in the accommodation
minimum_nights	INT	Minimum length of stay in the accommodation
maximum_nights	INT	Maximum length of stay in the accommodation
bed_count	VARCHAR(5)	Number of beds in the accommodation
bathroom_count	VARCHAR(5)	Number of bathrooms in the accommodation
booking_option	VARCHAR(50)	2 options of services: Instant booking and Self check-in. Instant booking allows the user to book accommodation without waiting for the host's approval. Self check-in allows easy access to the accommodation once the user arrives
accommodation_description	TEXT	A text in which the host describes their accommodation
reservation		
PK reservation_ID	INT	A primary key
FK user_ID	INT	A foreign key that refers to the primary key of the table user
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
start_date	DATE	The start date of the reservation
end_date	DATE	The final date of the reservation
cancel_date_till	DATE	The latest date till which the user can cancel their reservation
price	DECIMAL(10,2)	Price of the reservation
payment		
PK payment_ID	INT	A primary key
FK user_ID	INT	A foreign key that refers to the primary key of the table user
FK reservation_ID	INT	A foreign key that refers to the primary key of the table reservation

FK personal_discount_ID	INT	A foreign key that refers to the primary key of the table personal discount
FK currency_ID	INT	A foreign key that refers to the primary key of the table currency
amount	DECIMAL(10,2)	An amount of money that the user pays for their reservation
payment_method	VARCHAR(100)	A way that the user pays for their reservation
payment_date	DATE	Date when the payment has been transferred
personal discount		
PK personal_discount_ID	INT	A primary key
code	VARCHAR(10)	Code of the personal discount
discount	DECIMAL(10,2)	An amount of the personal discount
review		
PK review_ID	INT	A primary key
FK user_ID	INT	A foreign key that refers to the primary key of the table user
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
rating	DECIMAL(2,1)	A ranking of the accommodation based on the user's assessment of its quality
review_comment	TEXT	A comment of the user on their experience of staying in the accommodation
language		
PK language_ID	INT	A primary key
name	VARCHAR(100)	Name of the language
language_code	VARCHAR(5)	Code of the language
currency		
PK currency_ID	INT	A primary key
currency_name	VARCHAR(10)	Name of the currency
country		
PK country_ID	INT	A primary key
country_name	VARCHAR(100)	Name of the country
city		
PK city_ID	INT	A primary key
FK country_ID	INT	A foreign key that refers to the primary key of the table country
city_name	VARCHAR(100)	Name of the city

accommodation address		
PK accommodation_address_ID	INT	A primary key
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
FK city_ID	INT	A foreign key that refers to the primary key of the table city
street	VARCHAR(100)	Street at which the accommodation is located
house_number	VARCHAR(10)	House number of the accommodation
postal_code	VARCHAR(20)	Postal code of the accommodation
accommodation category		
PK accommodation_category_ID	INT	A primary key
category_name	VARCHAR(100)	Name of the accommodation category
accommodation type		
PK accommodation_type_ID	INT	A primary key
type_name	VARCHAR(100)	Name of the accommodation type
place type		
PK place_type_ID	INT	A primary key
place_type_name	VARCHAR(100)	Name of the place type
accessibility feature		
PK accessibility_feauture_ID	INT	A primary key
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
feature_name	VARCHAR(300)	Name of the accessibility feature
accommodation essential		
PK accommodation_essential	INT	A primary key
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
essential_name	VARCHAR(200)	Name of the accommodation essentials
accommodation service		
PK accommodation_service_ID	INT	A primary key
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
service_name	VARCHAR(200)	Name of the accommodation services

post-trip claim		
PK post_trip_claim_ID	INT	A primary key
FK host_ID	INT	A foreign key that refers to the primary key of the table host
FK reservation_ID	INT	A foreign key that refers to the primary key of the table reservation
post_trip_claim_description	TEXT	A text in which the user describes its complaint
top_level_stay		
PK top_level_stay	INT	A primary key
FK accommodation_ID	INT	A foreign key that refers to the primary key of the table accommodation
recognized_host	TINYINT(1)	A Boolean value (true or false)
high_quality_accommodation	TINYINT(1)	A Boolean value (true or false)