Team 2: Rachelle Burgos, Bahi Berk Gulay

Attribute Catalog

Attributes	Domain (What domain does the entry lie in? What possible values can this entry have?)	Type (What kind of data does this store? int, string, etc.)	Domain Example	DB Name (What is the name of this field?)	Is it atomic? (Can it not be divided further?)	Is it part of a repeating group? (Does this information repeat in other groups?)	Group ID (If this is in a group, what group is it a part of?)	Table/Entity (What table/entity will this be associated with?)	Primary Key	Foreign Key
City										
CITY_ID	Unique identifiers for each city	int	86	CITY_ID	☑	☐	City	Cities	☑	☐
CITY_NAME	City names	wchar(32)	Springfield	CITY_NAME	☑	☐	City	Cities	☐	☐
CITY_COUNTRY	Countries	wchar(32)	USA	CITY_COUNTRY	☑	☐	City	Cities	☐	☐
CITY_POPULATION	Non-negative integers	long long	3,000,000	CITY_POPULATION	☑	☐	City	Cities	☐	☐
CITY_DESCRIPTION	Description of the city (historical, geographic, ...	wchar(32)	Lorem Ipsum	CITY_DESCRIPTION	☑	☐	City	Cities	☐	☐
CITY_TIMEZONE	Time-zones	varchar(32)	PST (GMT-6)	CITY_TIMEZONE	☑	☐	City	Cities	☐	☐
CITY_CURRENCY	Name of currency	varchar(32)	USD	CITY_CURRENCY	☑	☐	City	Cities	☐	☐
Attraction										
ATTRACTION_ID	Unique identifiers for each attraction	int	82	ATTRACTION_ID	☑	☐	Attraction	Attractions	☑	☐
ATTRACTION_CITY_ID	Unique identifiers for each city-id	int	42	ATTRACTION_CITY_ID	☑	☑	Attraction	Attractions	☐	☑
ATTRACTION_NAME	Names of attractions	wchar(32)	Aztec Theatre	ATTRACTION_NAME	☑	☐	Attraction	Attractions	☐	☐
ATTRACTION_TYPE	Types of attractions	wchar(32)	Cinema Theatre	ATTRACTION_TYPE	☑	☐	Attraction	Attractions	☐	☐
ATTRACTION_DESCRIPTION	Description of attractions	wchar(32)	Lorem Ipsum	ATTRACTION_DESCRIPTION	☑	☐	Attraction	Attractions	☐	☐
ATTRACTION_WEBSITE_LINK	URLs	varchar(32)	https://foo-bar.com	ATTRACTION_WEBSITE_LINK	☑	☐	Attraction	Attractions	☐	☐
ATTRACTION_ADDRESS	Addresses of attractions	wchar(32)	742 Evergreen Terrace	ATTRACTION_ADDRESS	☑	☐	Attraction	Attractions	☐	☐
ATTRACTION_PHONE	Telephone numbers	varchar(32)	+1 (212) 772-4000	ATTRACTION_PHONE	☑	☐	Attraction	Attractions	☐	☐
ATTRACTION_HOURS_OPEN	The range of hours the attraction is open for	varchar(32)	9AM - 6PM		☐	☐			☐	☐
ATTRACTION_RATING	Average rating for the attraction	short	3/5	ATTRACTION_RATING	☑	☐	Attraction	Attractions	☐	☐
Accommodation										
ACCOMODATION_ID	Unique identifiers for each accomodation	int	29	ACCOMODATION_ID	☑	☐	Accomodation	Accommodations	☑	☐
ACCOMODATION_CITY_ID	Reference to CITY_ID in the cities table	int	44	ACCOMODATION_CITY_ID	☑	☑	Accomodation	Accommodations	☐	☑
ACCOMMODATION_TYPE	Types of accommodations	varchar(32)	Hostel	ACCOMMODATION_TYPE	☑	☐	Accomodation	Accommodations	☐	☐
ACCOMODATION_PRICE	Accomdation prices	float	86	ACCOMODATION_PRICE	☑	☐	Accomodation	Accommodations	☐	☐
ACCOMODATION_DESCRIPTION	Description of accomodations	wchar(32)	Lorem Ipsum	ACCOMODATION_DESCRIPTION	☑	☐	Accomodation	Accommodations	☐	☐
ACCOMODATION_WEBSITE_LINK	URLs	varchar(32)	https://foo-bar.com	ACCOMODATION_WEBSITE_LINK	☑	☐	Accomodation	Accommodations	☐	☐
ACCOMODATION_ADDRESS	Addresses of accomodations	wchar(32)	695 Park Ave, New York, NY 10065	ACCOMODATION_ADDRESS	☑	☐	Accomodation	Accommodations	☐	☐
ACCOMODATION_PHONE	Telephone numbers	varchar(32)	+1 (012) 345-6789	ACCOMODATION_PHONE	☑	☐	Accomodation	Accommodations	☐	☐
ACCOMODATION_RATING	Average rating for the attraction	short	4.5/5	ACCOMODATION_RATING	☑	☐	Accomodation	Accommodations	☐	☐
Restaurant										
RESTAURANT_ID	Unique identifiers for each restaurant	int	5	RESTAURANT_ID	☑	☐	Restaurant	Restaurants	☑	☐
RESTAURANT_CITY_ID	Reference to CITY_ID in the cities table	int	50	RESTAURANT_CITY_ID	☑	☑	Restaurant	Restaurants	☐	☑
RESTAURANT_NAME	Names of restaurants	wchar(32)	Taverna Kyclades	RESTAURANT_NAME	☑	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_CUISINE_TYPE	Restaurant cuisine types	wchar(32)	Greek	RESTAURANT_CUISINE_TYPE	☑	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_WEBSITE_LINK	URLs	varchar(32)	https://foo-bar.com	RESTAURANT_WEBSITE_LINK	☑	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_ADDRESS	Addresses of restaurants	wchar(32)	Astoria 10505	RESTAURANT_ADDRESS	☑	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_PHONE	Telephone numbers	varchar(32)	+1 (738) 342-234	RESTAURANT_PHONE	☑	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_NEED_RESERVATION	Whether the	bool	TRUE	RESTAURANT_NEED_RESERVATION	☑	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_HOURS_OPEN	Restaurant operating hours	varchar(32)	6:00 AM - 3:00 PM	RESTAURANT_HOURS_OPEN	☐	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_AVERAGE_SPENT	Average expenditure	varchar(32)	1-2 hours	RESTAURANT_AVERAGE_SPENT	☑	☐	Restaurant	Restaurants	☐	☐
RESTAURANT_RATING	Average rating for the restaurant	short	9/10	RESTAURANT_RATING	☑	☐	Restaurant	Restaurants	☐	☐
User										
USER_ID	Unique identifers for each user	varchar(32)	61	USER_ID	☑	☐	User	Users	☑	☐
USER_NAME	Specific user's name	varchar(32)	JohnnyAppleseed	USER_NAME	☑	☐	User	Users	☐	☐
USER_PASSWORD	Specific user's password	varchar(32)	helloworld!1234	USER_PASSWORD	☑	☐	User	Users	☐	☐
USER_EMAIL	Specific user's email	varchar(32)	johnnyappleseed@gmail.com	USER_EMAIL	☑	☐	User	Users	☐	☐
USER_BUCKET_LIST	Specific user's bucket-list travel destinations	list of varchar(32)	"New York", "Tokyo"	USER_BUCKET_LIST	☐	☑	User	Users	☐	☐
USER_TRAVEL_ITINERARY	Specific user's travel itinerary	list of varchar(32)	"Aztec Theatre", "Springsonian Museum"	USER_TRAVEL_ITINERARY	☐	☑	User	Users	☐	☐
USER_PAST_ACTIVITY	Specific user's history	list of varchar(32)	"Taverna Kyclades"	USER_PAST_ACTIVITY	☐	☑	User	Users	☐	☐
Recc.										
RECCOMENDATION_ID	Unique identifiers for each reccomendation	int	62	RECCOMENDATION_ID	☑	☐	Recommendation		☑	☐
USER_ID	Reference to USER_ID in the users table	int	37	USER_ID	☑	☐	Recommendation		☐	☑
CITY_ID	Reference to CITY_ID in the cities table	int	12	CITY_ID	☑	☑	Recommendation		☐	☑
Safety										
SAFETY_CITY_ID	Reference to CITY_ID in the cities table	int	53	SAFETY_CITY_ID	☑	☑	Safety	Safety Information	☐	☑
SAFETY_EMERGENCY_CONTACT	Formatted numbers for emergency services	string	"U.S. Embassy" : "+1 (012) 345-6789"	SAFETY_EMERGENCY_CONTACT	☐	☑	Safety	Safety Information	☐	☐
SAFETY_TIP	String of text	string	"Don't take bracelets from the fake monks"	SAFETY_TIP	☑	☑	Safety	Safety Information	☐	☐
SAFETY_HOSPITAL_ADDRESS	Addresses for medical facilities	string	"Bellvue Hospital" : "462 1st Ave"	SAFETY_HOSPITAL_ADDRESS	☐	☑	Safety	Safety Information	☐	☐

Non-Atomic Attributes

- ATTRACTION_HOURS_OPEN
- RESTAURANT_HOURS_OPEN
- USER_BUCKET_LIST
- USER_TRAVEL_ITINERARY
- USER_PAST_ACTIVITY
- SAFETY_EMERGENCY_CONTACT
- SAFETY_TIP
- SAFETY_HOSPITAL_ADDRESS

Repeating Groups

- ATTRACTION_CITY_ID
- ACCOMODATION_CITY_ID
- RESTAURANT_CITY_ID
- USER_BUCKET_LIST
- USER_TRAVEL_ITINERARY
- USER_PAST_ACTIVITY
- CITY_ID
- SAFETY_CITY_ID
- SAFETY_EMERGENCY_CONTACT
- SAFETY_TIP
- SAFETY_HOSPITAL_ADDRESS

Primary Keys

- CITY_ID
- ATTRACTION_ID
- ACCOMODATION_ID
- RESTAURANT_ID
- USER_ID
- RECCOMENDATION_ID

Foreign Keys

- ATTRACTION_CITY_ID
- ACCOMODATION_CITY_ID
- RESTAURANT_CITY_ID
- USER_ID
- CITY_ID
- SAFETY_CITY_ID