

Diccionario de Datos

User

Data Name	Description	Data Type
email	Email verified by Google which the user can login in the web page, also the primary key of each row of the table	String
name	Name of the user	String
password	Password for the user account in the web page	String

Role

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
role	Type of roles the user can have in the web page that will give different permissions	String

User x Role

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
email_user	Foreign key which refers to a entity user	User
id_role	Foreign key which refers to a entity role	Role

Ticket

Data Name	Description	Data Type
ticket_number	The id which every ticket can be identify and will be unique in every ticket	String
email_user	Foreign key which refers to a entity user	User
id_tier	Foreign key which refers to a entity tier	Tier

purchaseDate	Date the ticket was purchased	String
is_valid	Boolean that represents if the ticket is valid or not	Boolean
qr_id	id of the scanned QR	String
creation_date	Date the QR was created	String
expiration_date	Date the QR will expire	String
exchange_date	Date the QR was exchanged	String

Transfer

Data Name	Description	Data Type
id	Primary key to identify a transfer in the table	String
email_user	Foreign key which refers to a entity user when a user transfer a ticket to another ticket	User
ticket_number	Foreign key which refers to a entity ticket	Ticket

Tier

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
id_event	Foreign key which refers to a entity event	Event
tier_name	Name of the tier in which the event is divided	String
capacity	Maximum capacity of people the location can have	Int
price	price that the location will cost	Double

Event

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
id_organizer	Foreign key which refers to a entity organizer	Organizer
id_sponsor	Foreign key which refers to a entity sponsor	Sponsor
id_site	Foreign key which refers to a entity site	Site
title	Name of the Event	String

date	Date the event will take place	String
hour	Time the event will take place	String
duration	How long the event will take place in hours	double

Organizer

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
organizer	Name of the event organizer	String

Sponsor

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
sponsor	Name of the event sponsor	String

Category

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
id_event	Foreign key which refers to a entity event	Event
category	Name of the category of a event	String

Site

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
name	Name of the Site where the event take place	String
address	Address of the site where the event take place	String

Employee

Data Name	Description	Data Type

email	Primary key that identifies each employee in the table	String
name	Name of the employee	String
password	Password of the employee's account	String

Employee x Event

Data Name	Description	Data Type
id	Primary key to identify each row of the table	String
email_employee	Foreign key which refers to a entity Employee	Employee
id_event	Foreign key which refers to a entity Event	Event

Permission

Data Name	Description	Data Type
id	Primary key that identifies one permission that have one employee	String
email_employee	foreign key which refers to a entity employee	Employee
permission	permission the employee has	String