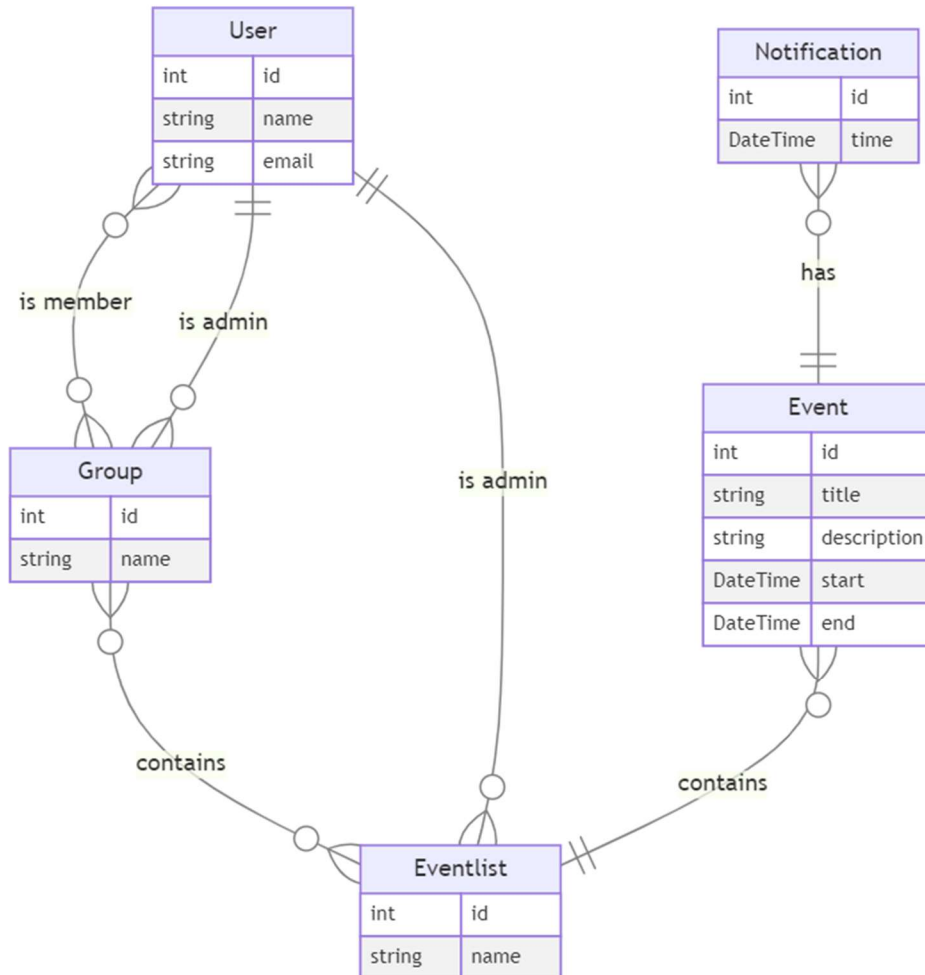
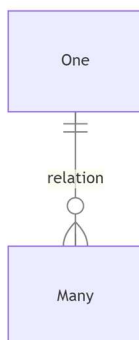


# Database concept

## 1. Description of the database structure



In mermaid the multiplicities are represented by the shape of the arrow, here is an example to help understand the multiplicities in our database.



## User

Name	Relation	Datatype	Not Null	Auto Inc	Default
id	Primary key	int	true	true	null
name		VarChar(256)	true		null
email		VarChar(256)	true		null

## Event

Name	Relation	Datatype	Not Null	Auto Inc	Default
id	Primary key	Int	true	true	null
title		VarChar(256)	true		null
description		VarChar(256)	false		null
start		DateTime	true		null
end		DateTime	true		null
list_id	Foreign key	int	true		null

## Group

Name	Relation	Datatype	Not Null	Auto Inc	Default
id	Primary key	int	true	true	null
name		VarChar(256)	true		null
admin_id	Foreign key	int	true		null

## Eventlist

Name	Relation	Datatype	Not Null	Auto Inc	Default
id	Primary key	int	true	true	null
name		VarChar(256)	true		null
admin_id	Foreign key	int	true		null

## Notification

Name	Relation	Datatype	Not Null	Auto Inc	Default
id	Primary key	int	true	true	null
time		DateTime	true		null
event_id	Foreign key	int	true		null

## User\_Group

Name	Relation	Datatype	Not Null	Auto Inc	Default
id	Primary key	int	true	true	null
User_id	Foreign key	int	true		null
Group_id	Foreign key	int	true		null

## Group\_Eventlist

Name	Relation	Datatype	Not Null	Auto Inc	Default
id	Primary key	int	true	true	null
Group_id	Foreign key	int	true		null
Eventlist_id	Foreign key	int	true		null