

Entity	Attribute Name	Data Type	Constraints	References	Description	T _T Example Data	Notes
User	user_ID	INT	PRIMARY_KEY (NOT NULL, UNIQUE)		The primary key to identify each tuple in the User table	23798922	Auto-increment
User	username	VARCHAR(50)	NOT NULL, UNIQUE		A username that the user chooses as a way to identify themselves to other users	ILoveMeetups22	Case-insensitive
User	email	VARCHAR(50)	NOT NULL, REGEX		User's email	matt@gmail.com	REGEX to check for email format
User	password	VARCHAR(50)	NOT NULL		User's chosen password	twelvebunnycouncil234!	Hashed for data privacy
User	first_Name	VARCHAR(50)			User's First Name	Matt	
User	last_Name	VARCHAR(50)			User's Last Name	Damon	
RSVP	rsvp_id	INT	PRIMARY_KEY (NOT NULL, UNIQUE)		The primary key to identify each RSVP tuple	67356399	
RSVP	user_id	INT	FOREIGN_KEY, NOT NULL	User.user_id	User making this RSVP	23798922	Many-to-One to User
RSVP	event_id	INT	FOREIGN_KEY, NOT NULL	Event.event_id	Event user is RSVPing to	55340933	Many-to-One to Event
RSVP	rsvp_status	BOOLEAN	NOT NULL		User's chosen password	confirmed	TRUE = Confirmed, FALSE = Unconfirmed
Review	review_id	INT	PRIMARY_KEY (NOT NULL, UNIQUE)		The primary key to identify each Review tuple	78533380	
Review	user_id	INT	FOREIGN_KEY, NOT_NULL	User.user_id	User writing review	23798922	Many-to-One to User
Review	event_id	INT	FOREIGN_KEY, NOT_NULL	Event.event_id	Event user is reviewing	12489773	Many-to-One to Event
Review	rating	INT	NOT NULL, CHECK(1 <= rating <= 5)		Rating given by user	4	
Review	comment	VAR_CHAR(200)			Review comment written by user	Ten out of ten, looking forward to the next one!	May be null
Event	event_id	INT	PRIMARY_KEY (NOT NULL, UNIQUE)		The primary key to identify each Event tuple	12489773	
Event	event_name	VARCHAR(150)	NOT NULL		Name of event	Halloween Pub Crawl 2025	
Event	event_date	DATE	NOT NULL		Date of event	10/31/2025	YYYY-MM-DD Format
Event	start_time	TIME	NOT NULL		Time event begins	17:00:00	HH:MI:SS / 24 hour format
Event	end_time	TIME			Time event ends	23:00:00	HH:MI:SS / 24 hour format
Event	max_capacity	INT			Maximum number of RSVPs allowed for this event	120	
Event	organizer_id	INT	FOREIGN_KEY	User.user_id	The user who organized and is in charge of this event	23798922	Many-to-one to User
Event	location_id	INT	FOREIGN_KEY	Location.location_id	The location at which this event will take place	73342924	Many-to-one to Location
Event	description	VARCHAR(750)			Text description of the event	A magical evening of Halloween revelry, beginning at LFK and ending at Bubba's Sulky Lounge	
Category	category_id	INT	PRIMARY_KEY (NOT NULL, UNIQUE)		The primary key to identify each location	73342924	
Category	category_name	VARCHAR(50)	NOT NULL, UNIQUE		Name of category	Holiday	
Location	location_id	INT	PRIMARY_KEY (NOT NULL, UNIQUE)		The primary key to identify each category	75229939	
Location	venue_name	VARCHAR(100)	NOT NULL		Name of location venue	LFK Bar	
Location	address	VARCHAR(100)	NOT NULL		Street address of location	100 Congress St	
Location	city	VARCHAR(100)	NOT NULL		City of location	Portland	
Location	zip_code	INT	NOT NULL		Zip Code of location	04101	