

Users

user_id UUID PRIMARY KEY DEFAULT gen_random_uuid(),
first_name VARCHAR(50) NOT NULL,
last_name VARCHAR(50) NOT NULL,
date_of_birth DATE NOT NULL,
email CITEXT NOT NULL UNIQUE,
color VARCHAR(100),
created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP NOT NULL,
updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP NOT NULL

Events

event_id uuid PRIMARY KEY DEFAULT gen_random_uuid(),
event_name VARCHAR(100) NOT NULL,
event_datetime TIMESTAMPTZ NOT NULL,
event_endtime TIMESTAMPTZ NOT NULL,
event_location VARCHAR(255),
description TEXT,
picture_url VARCHAR(255),
capacity INT,
Price_field INT,
user_id UUID NOT NULL,
category_id UUID NOT NULL,
created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP NOT NULL,
updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP NOT NULL,
FOREIGN KEY (user_id) REFERENCES Users(user_id) ON DELETE CASCADE,
FOREIGN KEY (category_id) REFERENCES Categories(category_id)

Categories

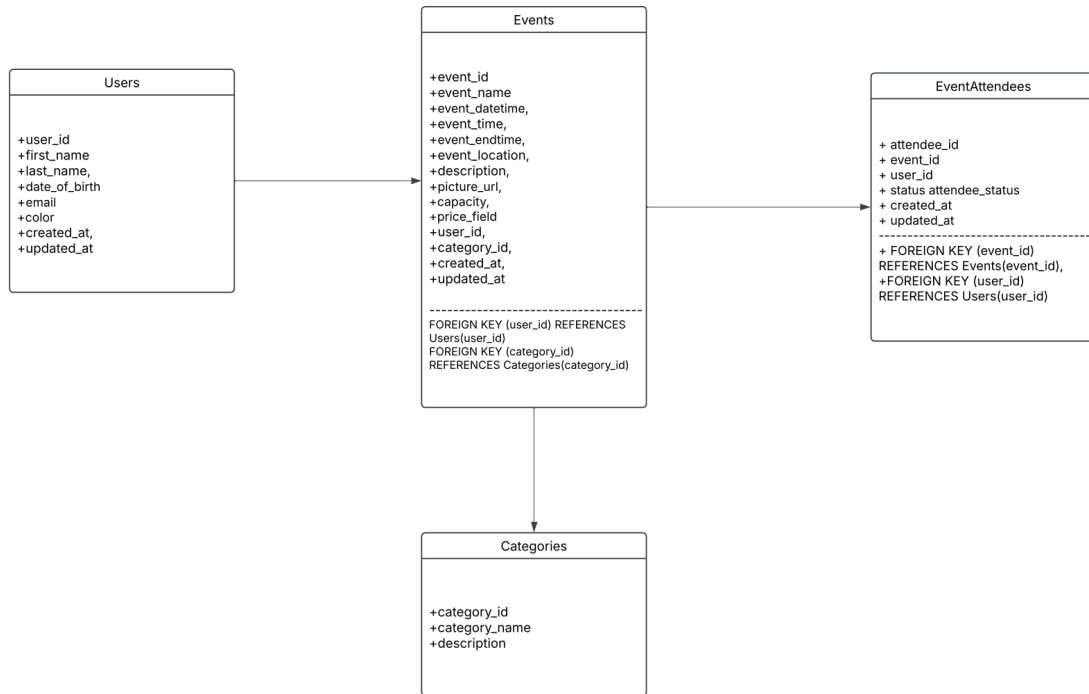
category_id UUID PRIMARY KEY DEFAULT gen_random_uuid(),
category_name VARCHAR(50) NOT NULL,
description TEXT

Event attendees

attendee_id UUID PRIMARY KEY DEFAULT gen_random_uuid(),
event_id UUID NOT NULL,
user_id UUID NOT NULL,
status attendee_status DEFAULT NULL,
created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP NOT NULL,
updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP NOT NULL,
FOREIGN KEY (event_id) REFERENCES Events(event_id) ON DELETE CASCADE,
FOREIGN KEY (user_id) REFERENCES Users(user_id) ON DELETE CASCADE

Lucid Charts Link: [Lucidchart](#)

ERD Iteration 0



Docker running the SQL commands

```
DB — docker exec -it postgres psql -U javi -d homelab — 152x31
user_id | first_name | last_name | email | password_hash | created_at | updated_at
-----+-----+-----+-----+-----+-----+-----
12345 | Alice | Johnson | alice.johnson@example.com | hashed_password_123 | 2025-09-28 14:35:22 | 2025-09-28 14:35:22
(1 row)
```