CPSC 304 Project Cover Page

Milestone #: 4

Date: Dec 3, 2023

Group Number: 150

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.) In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Repository link:

https://github.students.cs.ubc.ca/CPSC304-2023W-T1/project c3a2t h3u8k s5x5a

Project description

Event Calendar:

An app that works as a platform within the events and entertainment industry, allowing organizers to host events with details, categories, and tickets, while attendees / guests can browse / filter events, buy tickets, and leave reviews.

Changes to schema:

- Users table renamed to account table, with first_name and last_name removed as Kinde our authentication provider stored those in its own database and keeping consistency with both could introduce bugs (names can still be fetched however!).
- Organization name in organizer is now a varchar instead of text type
- Some venue types changed from text to varchar
- Events have a file_id but we did not end up using it yet
- Ticket auto default generates a random uuid now

SQL schema (also found in deliverables directory):

```
DROP TABLE IF EXISTS review;

DROP TABLE IF EXISTS discounted_ticket;

DROP TABLE IF EXISTS ticket;

DROP TABLE IF EXISTS event_in_category;

DROP TABLE IF EXISTS category;

DROP TABLE IF EXISTS event;

DROP TABLE IF EXISTS event;

DROP TABLE IF EXISTS venue;

DROP TABLE IF EXISTS area;

DROP TABLE IF EXISTS venue_type;

DROP TABLE IF EXISTS venue_type;
```

```
DROP TABLE IF EXISTS guest;
DROP TABLE IF EXISTS organizer;
DROP TABLE IF EXISTS account;
CREATE EXTENSION IF NOT EXISTS "pgcrypto";
CREATE TABLE account (
);
CREATE TABLE organizer (
);
CREATE TABLE guest (
);
CREATE TABLE file (
);
CREATE TABLE venue_type (
  venue type name VARCHAR(100) PRIMARY KEY,
```

```
CREATE TABLE area (
  PRIMARY KEY (postal code, country)
);
CREATE TABLE venue (
  venue_type_name VARCHAR(100) NOT NULL
  FOREIGN KEY (postal_code, country)
      REFERENCES area(postal code, country)
      ON UPDATE RESTRICT
CREATE TABLE event (
  event id SERIAL PRIMARY KEY,
  end date DATE NOT NULL,
      REFERENCES venue (venue id)
```

```
);
CREATE TABLE category (
);
CREATE TABLE event_in_category (
      REFERENCES category(category_name)
);
CREATE TABLE ticket (
);
CREATE TABLE discounted_ticket (
```

```
);
CREATE TABLE review (
);
INSERT INTO
VALUES
SELECT setval('account account id seq', 5);
INSERT INTO
   organizer (account id, organization name)
VALUES
```

```
VALUES
INSERT INTO
  venue_type (venue_type_name, description)
VALUES
INSERT INTO
  area (postal code, country, city, province)
VALUES
INSERT INTO
  venue (venue_id, name, description, seats, venue_type_name, postal_code, country,
street_number, street name)
VALUES
123, 'Main Street'),
'USA', 567, 'Sports Road'),
200, 'Park Avenue');
```

```
SELECT setval('venue_venue_id_seq', 5);
INSERT INTO
  event (event id, name, description, start date, end date, organizer id, venue id)
'2024-01-25', '2024-01-27', 2, 2),
3),
```

```
(34, 'Stand-up Comedy Night', 'A night of laughter with stand-up comedians',
```

```
'2024-02-05', '2024-02-07', 4, 4),
SELECT setval('event event id seq', 50);
INSERT INTO
VALUES
INSERT INTO
  event_in_category (event_id, category_name)
```

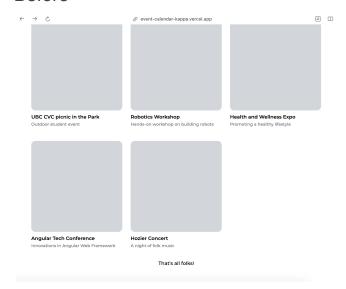
```
(4, 'Theater'),
```

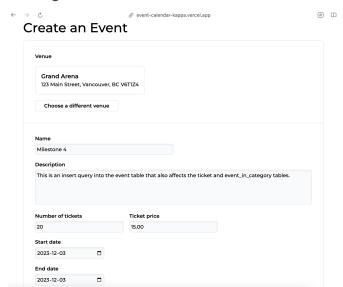
```
INSERT INTO
   ('3550a605-b645-4f05-8f6f-908888beecab', 2, 4, 15000),
  ('97858855-f89e-4159-ac9a-ala8a94e0b3b', 4, 3, 5500),
INSERT INTO
INSERT INTO
SELECT setval('review_review_id_seq', 5);
```

INSERT

lib/controller/events.ts:48

Before

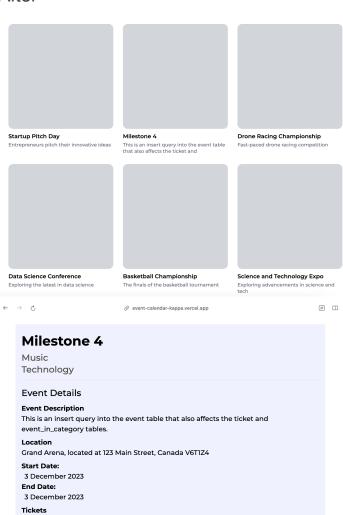




Get Tickets

Add your own review (must be a ticket holder):

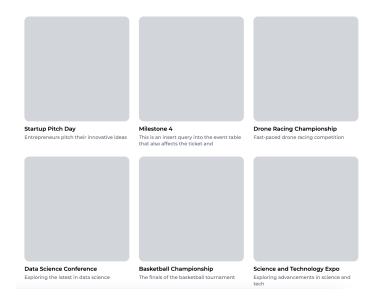
Reviews

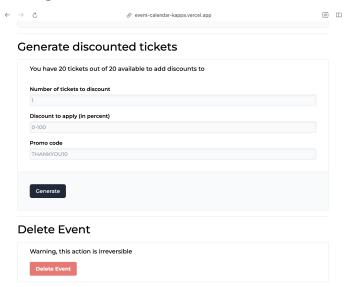


DELETE

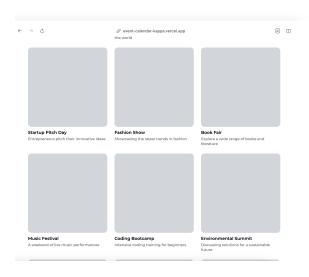
lib/controller/events.ts:109

Before





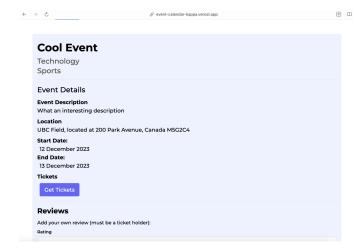




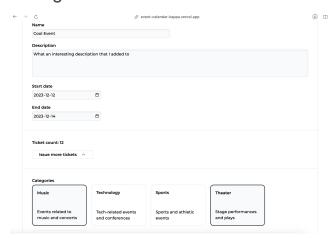
UPDATE

lib/controller/events.ts:116

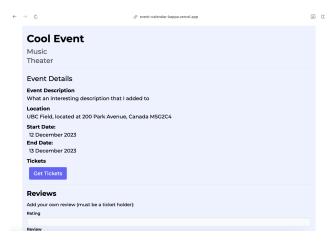
Before



During



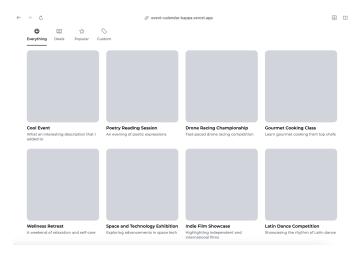
After

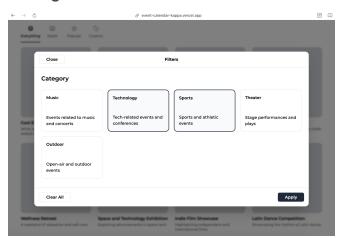


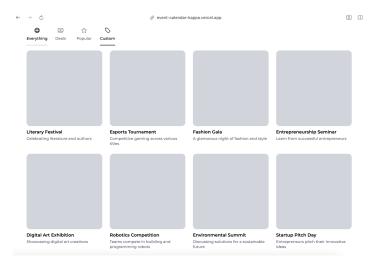
SELECTION

lib/controller/events.ts:16

Before







PROJECTION

Incomplete

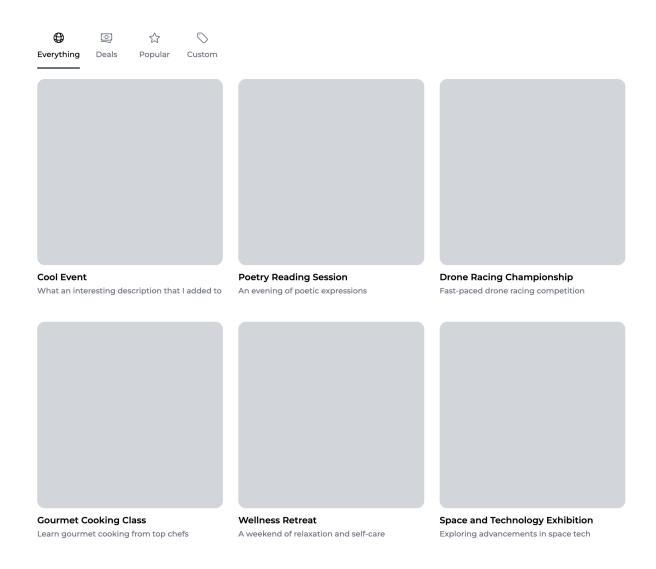
JOIN



GROUP BY & HAVING

Events.ts 341

Before











Everything Deals

Popular

Custom

After

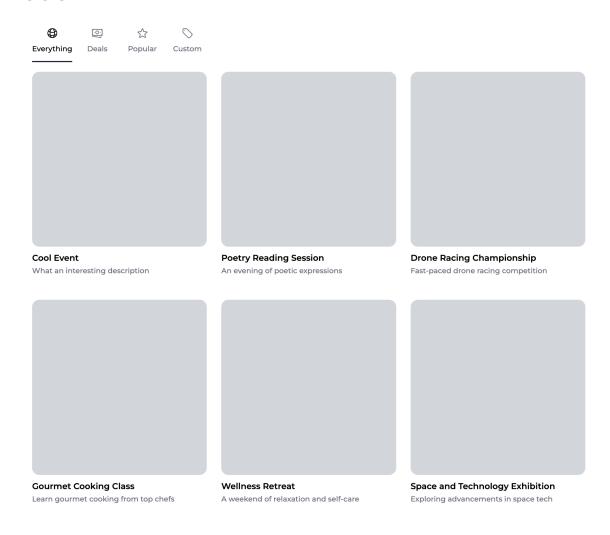
	<u>·</u>	☆	\bigcirc				
Everything	Deals	Popular ———	Custom				
UBC Theat	re Hamlet				Hozier Concert		
Drama and o	romedy				A night of fall mus	ic	

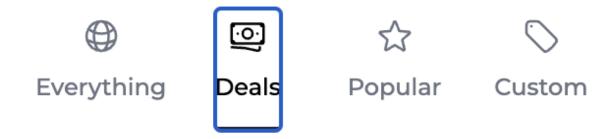
That's all folks!

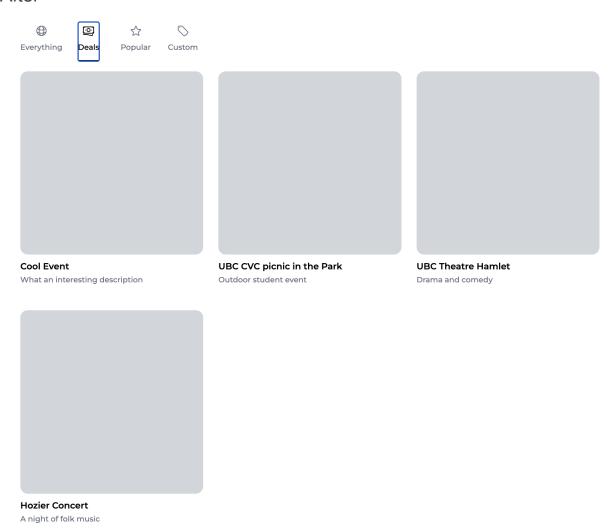
NESTED GROUP BY

Events.ts 298

Before







DIVISION

Awards.ts: 6

Event Calendar Awards

Let's give a hand to these Event Calendar rockstars!

The Organizer With Many Hats 🈥

This award is given to organizers with events in every one of Event Calendar's categories

The Gearhead 🍪

This award is given to guests that have attended all events in the Technology category

During

<Toggled on navigation to this page>

After

The Organizer With Many Hats 🈥

This award is given to organizers with events in every one of Event Calendar's categories

XYZ Events 🙎

The Gearhead 🍪

This award is given to guests that have attended all events in the Technology category

Michael Jackson 🙎