Responsive and Interactive Website for the IEEE Spokane Section

Team Name: Responsive Renders

Team Members:
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Overview

The database appears to be designed for managing an organization's events and officers, likely for a chapter-based group or association. The schema consists of two main entities: Events and Officers.

Entity Descriptions

Officers Table: This table stores information about the officers associated with your organization or project.

id: A unique identifier for each officer, serving as the primary key.

name: The full name of the officer.

chapter_group: The group or chapter the officer belongs to.

position: The position or role of the officer within the organization.

email: The email address of the officer.

is_former_officer: A boolean indicating whether the officer is a former member.

social_media: A JSON object storing social media links or handles.

profile: A text field containing detailed information about the officer's profile.

bio: A text field for the officer's biography.

Events Table: This table captures details about events organized or associated with your project.

id: A unique identifier for each event, serving as the primary key.

title: The title or name of the event.

event_date: The date on which the event is scheduled.

event_time: The time at which the event will occur.

description: A detailed description of the event.

banner: A URL or path to the event's banner image.

location: The location where the event will take place.

link: A link to more information about the event, such as a registration page.

Character Set and Collation

Both tables use UTF-8MB4 character set with general case-insensitive collation

This supports full Unicode character storage including emojis and special characters

Data Types and Constraints

1. Strings

- Fixed-length fields use VARCHAR with appropriate length limits
- Longer text content uses TEXT type
- Links and banners use VARCHAR(500) for longer URLs

2. Dates and Times

- Separate DATE and TIME fields for better querying and manipulation
- Standard MySQL date/time types used

3. Special Types

- JSON type for social_media to allow flexible social platform data storage
- TINYINT for boolean flag (is_former_officer)