



EPPS 6354 Information
Management

TPSA Rubric Evaluation Database Proposal

By Oliver Myers





The Texas Public Safety Association (TPSA) is a career and technical student organization dedicated to preparing high school students for careers in public safety fields such as law enforcement, fire services, forensics, legal studies, and corrections.

Key Activities

- Regional and State Conferences where students have competitions of various types
- Rubrics are used to score students during competitions



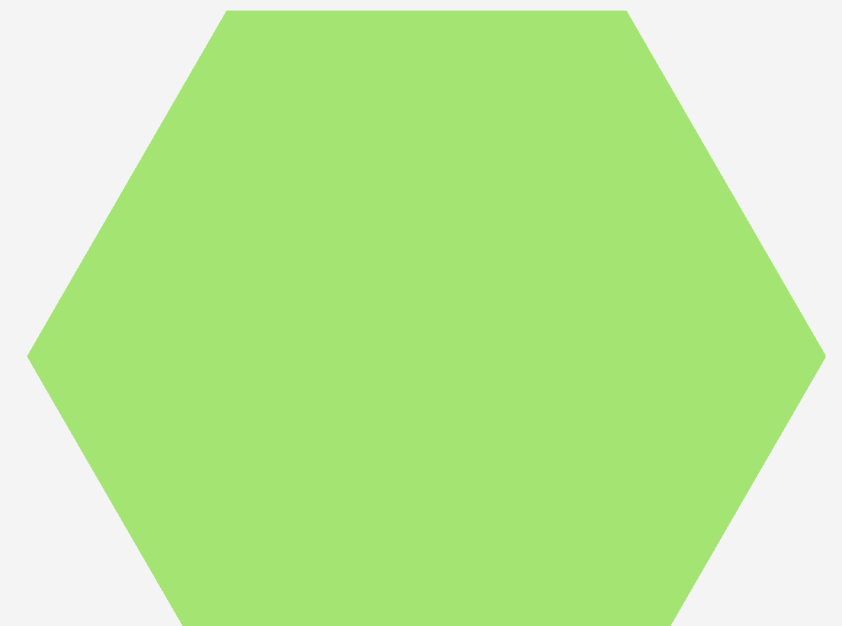
Project Overview

Purpose

- The Purpose of this project is to help the TPSA Administration evaluate their score cards from competitive events to determine the effectiveness of their rubrics by:
 - **Creating a database** with all of their event types, rubrics, scores, and other information
 - **Creating an interface** to interact and visualize the rubric data to identify problem areas to be improved

Target Audience

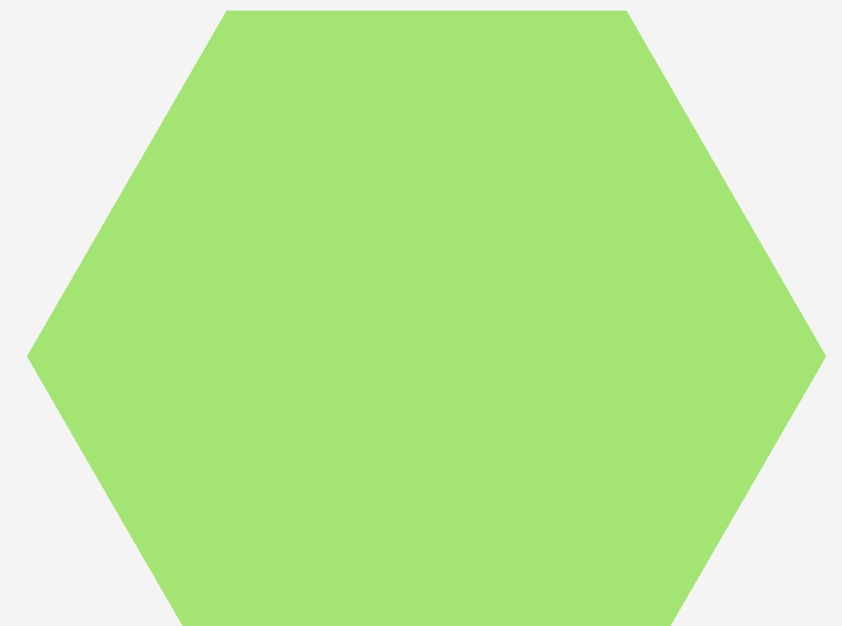
- TPSA Staff



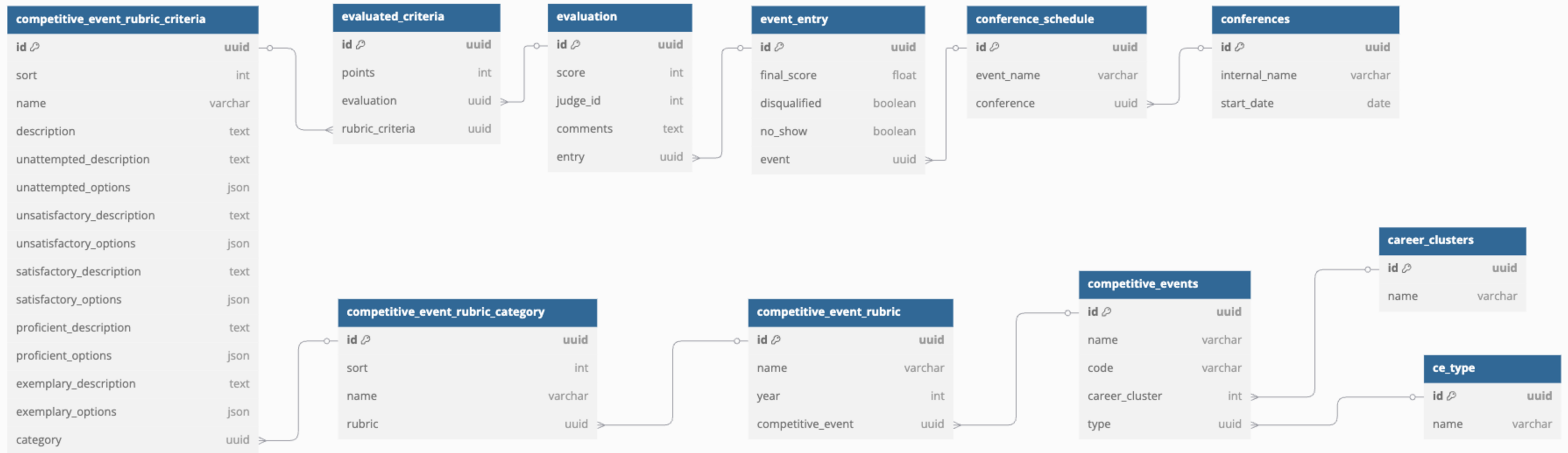
Relational DBMS

Relations:

- Competitive Event Rubric Criteria
- Competitive Event Rubric
- Evaluated Criteria
- Event Category
- Competitive Events
- Evaluation
- Conference



Schema








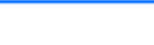




Interface Sketch

Interface

- Web-based Interface

TPSA



< 2023 2024 >

Rubric: mmmm for Event: mmmm

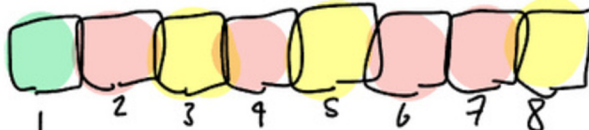
Overall Score Averages: 80%

Criteria #1 mmmm: 95%

Criteria #2 mmmm: 84%

Criteria #3 mmmm: 72%

Criteria #4 mmmm: 60%!

✓ Stunt:

1 2 3 4 5 6 7 8

Criteria #5 mmmm: 98%

Thank you!