

Event Log System

Description

This is a system that enables people who prepare events to record their events so as to have a history of events that they held in previous times.

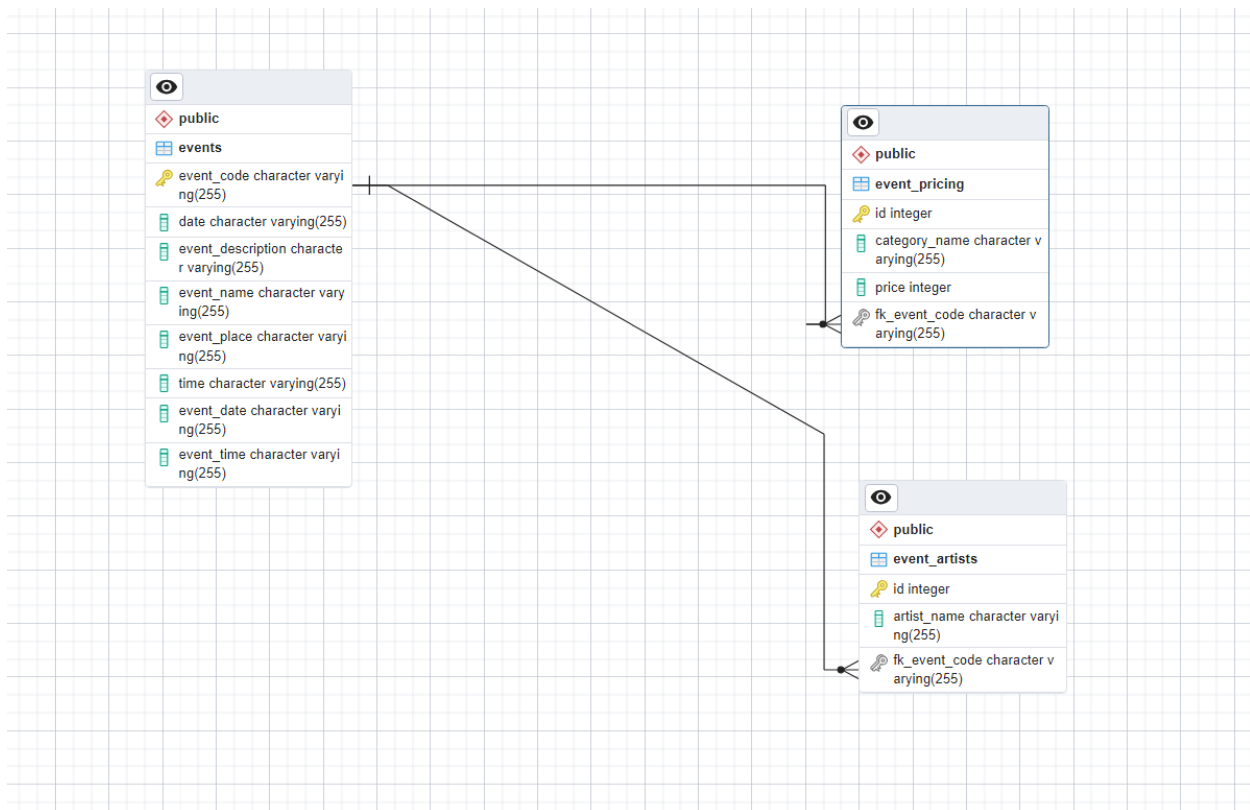
They can be able to record details of the event such as its name, date and time it took place, description, ...

Project Plan

In this project I used IntelliJ IDE to implement a Spring Boot backend application and used Visual Studio Code to implement a React.js frontend application and connected both applications using "axios".

I was aiming at creating a system that can record events that took place previously and keep their detail's history.

Database Schema



User Documentation

A user of this system can add a previous event's details, can modify the details incase mistakes are inserted, can delete details of an event if in need and can view the details of an event.

After opening the website, a user sees a list of events and can search for a certain event to check its details.

Each record has its corresponding navigation buttons to edit, delete or view details of the event.

The Navigation bar has a button to add a new event and a user can use that to add details of another event.

Technical Documentation

The backend of the System was made using the spring boot technology and certain dependencies were introduced to help in introduction of certain functionalities. Ex:

- 1.Spring web dependency to enable sending and receiving requests via web browsers
- 2.PostgreSql dependency to enable connections to a PostgreSql database
- 3.Spring data JPA to enable easy introduction of database querying
- 4.lombok dependency to enable easier introduction of certain methods like getters, setters and constructors via annotations

The System has model classes to establish entities to hold relevant data, repositories to query the database and controller classes to handle certain requests.

The frontend application was developed using react js and some of its features like useState and useEffect where used to manipulate and load data.

Bootstrap codes are also introduced to implement certain designs and some css codes are used to implement some design patterns.

React router dom was installed using the npm to enable routing from a page to another.