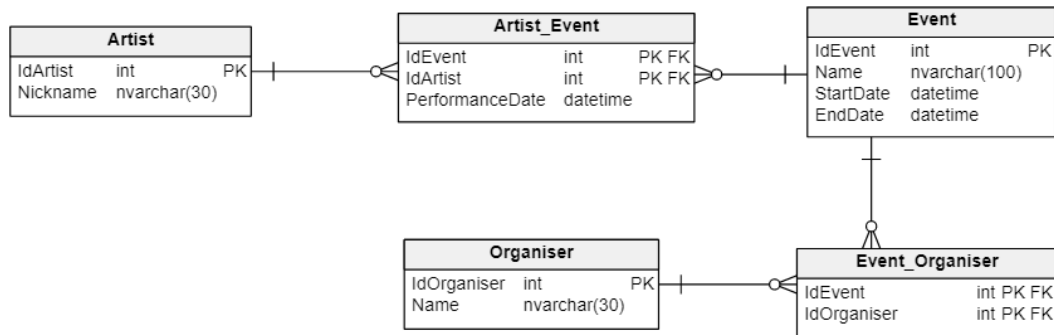


## Test 2 APBD

Solve all tasks using a diagram of database presented below.

The solution must be implemented with the help of Entity Framework in Core version. You can choose the approach - DbFirst or CodeFirst.



1. Prepare the endpoint that will return information about a specific artist. The returned JSON object should also contain a list of events in which the artist participated. The endpoint takes the artist ID as a parameter. The result must be sorted descending by start date of the event. Remember about appropriate error statuses.

Sample call:

```
1. GET /api/artists/1 HTTP/1.1
```

2. Prepare the endpoint that will allow you to update the time of the artist's performance in the event. The endpoint takes the artist ID as the parameter and event ID for which we want change the time of the performance. A given action can be performed only when the event in which the artist participates has not yet begun. The new performance time must be between the start time and the end time of the event. If these requirements are not met, the request must be stopped. Remember about appropriate error statuses.

Sample call:

```
1. PUT /api/artists/10/events/1 HTTP/1.1
2. Content-Type: application/json
3.
4. {
5.   "idArtist": 10,
6.   "idEvent": 1,
7.   "performaceDate": "2020-06-15T21:37:00"
8. }
```

3. Remember about:

- a. Proper naming variables, controllers, etc.
- b. Maintaining an appropriate code structure.
- c. Injecting dependencies in the right places.
- d. Error handling.
- e. Place the code in the appropriate directory on Gakko (<https://gakko.pjwstk.edu.pl/>). The catalog with the entire project should be zipped. The solution should be placed on the platform max. 5 minutes after the end of the class. Projects placed after the deadline will not be assessed.