

Database Specifications

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User

The user entity represents the different users that would be submitting paperwork for Office of Student Engagement (OSE). This would consist of Club Officers, and the faculty adviser that is responsible for signing off events.

Attributes

The attributes contained within the User entity are very straight forward. The primary key will be the `userId` (Goucher ID). One small caveat is that only officers will have a title attribute, while advisers will not contain one. This is because an advisor will only be an adviser while you can have many ranks of club officers.

Club

The club entity represents the club that is hosting events. They contain officers, advisors, and the events that are being approved.

Attributes

The club entity only has three attributes, with it's primary key being the Club Name, since there can only be one unique club at Goucher. The Bank Account Number attribute corresponds to the budget the club has for the academic year. However, this process is not handled by this project. The Bank Account Number is simply a reference for an external application (since OSE looks at that account specifically—officers and advisers have no real control for what happens with budgets).

Event

The event entity are the events that get approved by OSE. The club has to give a list of all the events it attends to host for the academic year, and then each one is sent to OSE for approval.

Attributes

There are many attributes associated with this event. The main one is the primary key, eventName. EventName is the primary key as there can only be one unique name for each event for each club. In addition to the primary key, the event needs to specify the time, date, and location. There are two locations just in case the first-choice location is unavailable. There is also the cost of the event, estimated attendance of the community, and a small event description.

RegistersFor

This is a many-to-many relationship between the individual events, and the officer in charge of that specific event. Since there are forms that are involved with each event submission, there are two extra attributes associated with this entity.

Attributes

This will have foreign keys referencing User and Event. In addition to the foreign keys, it will also have two attributes for the two different forms required when registering for an event.

ApprovesEvent

This is a many-to-many relation between Event and OSE, so it needs its own table. This will only contain the primary keys for Event and OSE as there are no other special properties to the relationship.

OSE

The OSE entity is left a bit vague on purpose as they have their own system for approving events which is not a focus in the scope of this project. There-

fore, its only role in this project is for them to approve individual events.

Attributes

The attributes are again, very simple as there is not a lot for the OSE to do in this scope of the project. The primary key will be the userId (Goucher ID).