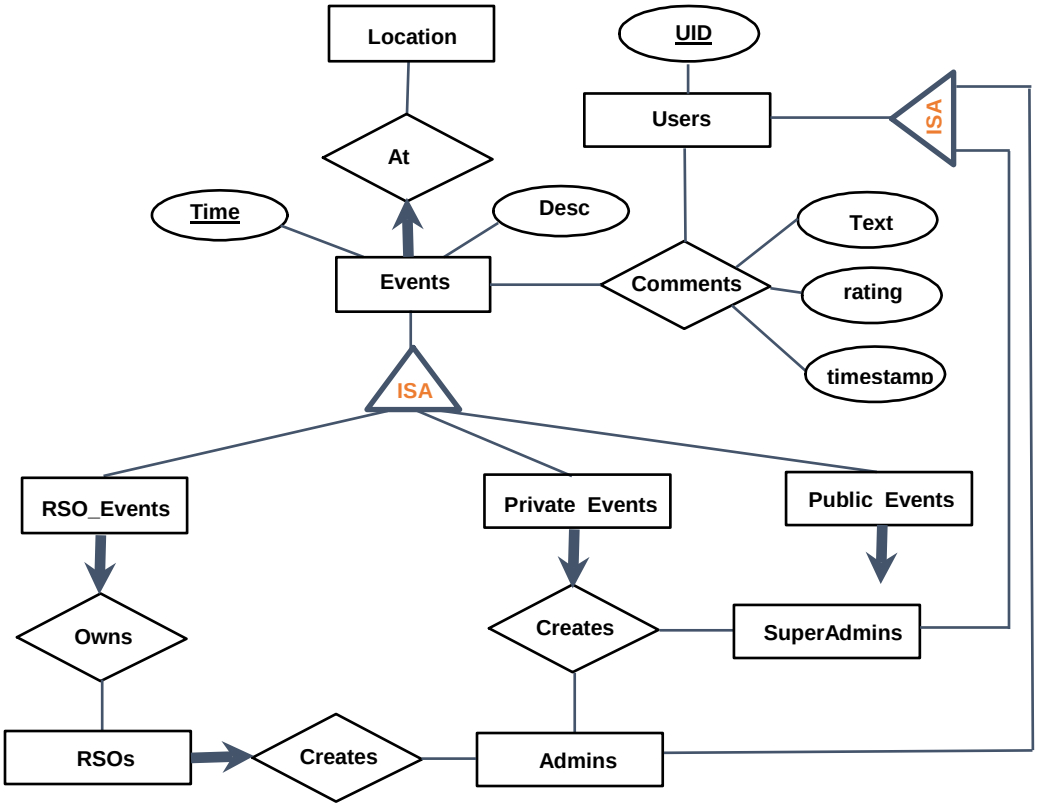
COP 4710

# Project




**Students = Users**

Add a ternary relationship **Creates** among **Public_Events**, **Admins**, and **SuperAdmins**, which is similar to the ternary relationship **Creates** among **Private_Events**, **Admins**, and **SuperAdmins**.

The mapped 1-to-many ternary relation for **Private_Events** (or **Public_Events**) should look like this:

**Private_Events**: **Events_ID** //primary key and foreign key

**Admins_ID** //foreign key

**SuperAdmins_ID** //foreign key

Other attributes

Important attributes of some entities:

**Location**: **Lname** //primary key

**Address**

**Longitude** //Google map coor.

**Latitude** //Google map coor.

…

**Events**: **Events_ID** //primary key, could be auto-incr. integer

**Time** //only top of the hour

**Location** //Lname: a foreign key

**Event_name** //could use to identify event, for example, to compute the hours of the event

**Description**

(**Time**, **Location**) must be unique, i.e., a candidate key

Entities, relationships should be added to the ER diagram: Universities, 1-to-many Profiles, …