# COP 4005 – Project Instructions – EVENT Management

Using the STARSOrg application partially developed in class, you will complete the Event management functionality. Users must be able to create and modify events for the organization.

Tables you will need to use:

* EVENT
* EVENT\_TYPE
* EVENT\_RSVP
* SECURITY

For each table, you will need to:

* Create classes as needed. Follow the patterns for classes as shown in the class samples
* Create appropriate stored procedures for the necessary operations

The following functionality is required:

* Add an Event screen that allows the user to add a new event or select and modify an existing event, subject to the business rules below.
* Add an EVENT RSVP screen that allows the user to select an existing event and RSVP for the event, subject to the business rules below.
* Produce a formatted report showing all RSVPs for a selected Event. (This can be a screen, or time permitting, you can design a report using the ReportViewer control.)

Business Rules:

* The only allowed modification to an event after the event date/time has passed should be the event type.
* Only users with security privilege level of ADMIN or OFFICER may create or modify an event.
* RSVPs are only allowed for events that have not yet occurred.
* Users with any security privilege level, including Guest, may RSVP for an event.

Notes:

* You will be provided with data for the EVENT\_TYPE table.
* It will probably be easier to integrate the Security portion of the project last. Other team members should get their functionality and new screens working together, then add the security into the project in a consistent way (common procedures/functions/class objects).