# COP 4005 – Project Instructions – General Instructions

There are 6 functional areas within the project. Each team of 4 must implement 4 of the 6 functional areas. Teams with 5 must implement 5 of the 6 functional areas. Every team must implement the Member Management functional area and the Security functional area.

**General Requirements:**

* Use the architecture developed in the class sample: Two Classes for each table that is used.
* No SQL statements in program code – you must use stored procedures
* All access to the database must be through code as demonstrated in the class sample – no GUI tables or GUI adapters added to the project.
* Follow the naming and coding conventions employed in class.
* You must use the 3-tier architecture as developed in class. Forms may not access the database directly.
* Stay informed about any changes or additions to the database design – scripts will be provided and posted in Moodle. Class time will be mostly devoted to techniques for the project and actual time to work with your team. *Attendance is mandatory to ensure that your team will be successful.*
* Incorporate good HCI principles in your form design.
* Every team member must be responsible for one complete functional area. You may NOT have one team member do only screen design, or only stored procedures, for example. Every team member must implement one entire functional area.
* Every team MUST implement the Member Management functional area and the Security functional area.
* Each team member must submit a Team Assessment form at the Project Deadline into the Project submission link in Moodle. You must indicate in this form which functional area was assigned to each team member.
* One team member will be responsible for submitting the completed Visual Studio Project and his/her own Team Assessment form into the Project submission link in Moodle.

**PHASE 0: Team Organization**

* Select a team member to be the project coordinator.
* Develop a project calendar for team meetings and deliverables.
* Determine which functional area each team member will implement.

**PHASE 1: Screen Design**

* Design the screen(s) needed for your portion of the project.
* Entire team must review all screens and approve them prior to grading in class. Screens will be reviewed and graded in class on April 11.

**PHASE 2: Classes and Stored Procedures**

* Create the classes required for the tables that you will be using. For tables that are used by more than one team member, have one member create the classes for that table and share with the rest of the team.
* Classes and stored procedures will be reviewed and graded in class on April 13. If your team is ready sooner, notify the instructor.

**PHASE 3: Completed Functionality**

* Entire assembled project is due on April 23.