

For this assignment, you will design and develop **INTERACTIVE PROTOTYPES** for authorized primary actors of the ***Request For Quote (RFQ) System***. You may use MS Access 2016, PHP/MySQL (on the cs.niu web server), or an instructor-approved tool to complete this assignment.

For this assignment and the remaining assignments in this course, you have the option to complete the assignments as an individual or as a group.

If you choose to work as an individual project, make sure to officially indicate your preference in the "Individual Projects" folder on Blackboard.

If you choose to work in a group of 2-4 members, your instructor will assign a group number/name for you to officially form your group. Each of your team members will then officially enroll his/herself in your assigned group number/name in the "Group Projects" folder on Blackboard.

### Part 1. Input Screen Designs and Prototypes

Choose **FOUR** of the following use cases to design and develop interactive prototypes for the associated authorized primary actors.

1. Create New Part
2. Update Existing Part
3. Create New RFQ
4. Update Existing RFQ
5. Create Sales Order
6. Update Existing Sales Order

### Part 2. Generate and Produce Input & Output Designs

Undergraduate Students – Select **ONE** of the following options.

Graduate Students – Complete **BOTH** of the following options.

Design and develop **interactive** prototypes for the appropriate actor(s). If you need a back-end setup, you may create a table and directly populate the sample data needed to complete your design and prototypes.

1. Generate and Produce Summary & Detail RFQs Report
2. Generate and Produce Summary & Detail Sales Order Report

### What to Submit:

- Submit printed copies of your prototypes at the beginning of class on the due date.
- Submit the .accdb file (for MS Access) or a file containing the full URL to your prototypes (for PHP/MySQL) by the due date. All team members submit.