

# Client Server Project

End-of-Term Team Project

CSIS 3540

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# Term Project Overview

- Your team must create an application for
  - an organization that handles all of their business needs
    - Examples: pizza shop, car repair, elementary school, hockey league,
  - OR
  - a service such as a bulletin board
- The more comprehensive the better, given the time constraints for design and development.
- The term project should be completed by the last week of class, and must be submitted via blackboard prior to the due date.
- A team leader must be named and he/she will be the contact person for the team with the instructor.
- The project is split into three parts, total worth 20% of final grade.
  - Proposal: Due by class 9, worth 2% of final grade.
  - Progress Reports: given each week, total worth 2% of final grade.
  - Finished project: Due by class 13, worth 16% of final grade.

# Project Proposal

- Should be a **short** 3-4 page document
- Use Microsoft Word ONLY
- Components
  - Project Team
    - Name Project Lead, and team members.
  - Project Description
    - What business, organization or service?
    - What are the deliverables?
    - What is the scope?
    - What are the requirements?
  - Process Model
    - User roles (actors) and processes used by each
  - Database model
    - Include all tables and relationships, normalized
    - Provide ER diagram
  - User interface
    - DESCRIBE ONLY number of screens and what they do
  - Project Plan
    - What are the GENERAL tasks, project team roles, and who is doing which tasks when.
    - Example: database and data access, user interface, reporting, admin, user input, testing, integration
- Grade is NOT dependent on document length, but on the quality of each component described.
- Name document ProjectTeamNNProposal.docx, where NN is your project team number.
- Project leader should submit proposal by due date.
- Proposal is worth 2% of final grade.

# Naming Conventions

- Solution should be named `ProjectTeamNNProjectName`
  - Where NN is team number
  - Where ProjectName is descriptive name
- Example
  - `ProjectTeam03PizzaShop`
- Inside the solution, you may include multiple projects for multiple parts of the app
  - `PizzaShopAdmin`
  - `PizzaShopCustomerOrder`
  - `PizzaShopDB`
  - etc, just make sure the names are descriptive

# Project reports

- Attendance is required for weeks 11-13.
- Project team should sit together in class
  - Time for integration and team meetings
- Project report
  - Instructor will interview each team as to its progress near end of class.
  - If satisfactory, mark will be given (1% for weeks 11, 12).
- Team members who do not have a role and produce no work will be given a zero.

# Project submission and grading

- As usual, submit via .zip of the entire solution
  - Name it ProjectTeamNNTermProject.zip
- Team members will lose marks if it is found that they do not contribute or cooperate.
- Do NOT include the database file (mdf). Include the database project so the instructor can create the database.
- Include methods to seed the database with test data.
- Projects will be graded on:
  - Proper submission
  - Naming conventions and format followed
  - Database design and implementation
  - Proposal followed
  - User interface design
  - Code organization
  - Thorough debug and test
  - Proper comments throughout
- Worth 16% of final grade
- Total marks:
  - Proposal: 2%
  - Attendance and reporting: 2%
  - Final project submission: 16%
  - Total: 20%

# Helpful hints

- Use a spreadsheet or blackboard tasks for the project plan
  - Team members update progress
- Use Visual Studio Team and a git repository stored on OneDrive
  - Project can be synchronized.
    - See <https://www.visualstudio.com/en-us/docs/git/share-your-code-in-git-vs>
  - Otherwise project leader (or integrator) will have to piece together code from team members by hand.
  - Or come up with another method – separate folders for team members on one drive, for example, or use blackboard.