

Details

Being active in your team is a requirement for this course, and it is graded. Your participation in these project checkpoints accounts for a third (1/3) of the Class Project, carrying a 10% weight on your class grade. Group members who are not active and are therefore not contributing to the group effort will not receive full credit for each Project Checkpoint.

Each Project Checkpoint has a task that you need to accomplish as a team. These tasks are defined to help you build on your work and submit a final product that meets all requirements. There are 10 possible points for each Project Checkpoint. Five (5) points will be awarded for proper submission of the task and five (5) points for active participation and significant contributions.

Tasks for Project Checkpoint 2

1. Develop a Team Contract

Your first task for Project Checkpoint 2 is to develop a "Team Contract". By now you must be more familiar with your scenario and have a more detailed plan of action. Break down your project into tasks and responsibilities and decide who is responsible for what. Develop a timeline of activities. For each team member, detail which part they are responsible for and by when it will be completed. It is okay to work on all tasks as a team without breaking down by team member but you must state so. The Team Contract you submit in this Project Checkpoint will be used in the end to grade your final project submission. Note that the final project will be evaluated both as an overall product and by its individual parts that each of the team members were responsible for.

2. Brainstorm a list of business requirements

The scenario descriptions in checkpoint 1 set the tone but you will have to go beyond these requirements. For example, it is stated that *ABC Foodmart* needs to keep track of information on staffing, inventory, vendors, deliveries, sales, accounting, etc. It is reasonable to expect that they will use this data (and more) to calculate, for example, how profitable each store is. Similarly, on the *Dream Homes NYC* scenario, it is reasonable for the company to also compile and store data on schools, which is an important factor buyers consider when looking up homes.

You will use the scenario description and your additional business requirements to design the database schema on the next project checkpoint. For example, in addition to tables for staffing, inventory, vendors, deliveries, etc. you may also decide to design the

tables and/or SQL statements that will support profitability calculations. And on the other scenario, you may decide to add tables that allow for school data to be stored.

Be brief and list all requirements, including those defined in the scenario description provided. Here is how this deliverable should look like... Our [client] has asked that the database meets the following requirements:

1. store data on staffing, inventory, vendors, deliveries, sales, accounting...
2. calculate the profitability of each store
3. keep track of staffing at each store including shifts and time off
4. identify high-traffic areas in each store (aisles and shelves that sell out quickly)
5. ...

There is no set number of requirements you must define. A driving factor could be the minimum number of tables and SQL queries you have to produce (this number depends on the size of your group).

Submission

Designate a team member who will send an email on behalf of the group with an update to this week's task. The email must be sent prior to the posted deadline.

1. Reply to the email the team sent for checkpoint 1
2. Detail the group project updates, add attachments if necessary, ask questions
3. The instructors may reply to the email with feedback
4. Book an appointment to discuss your progress