IS:241 Innoteck Memo Assignment 3 – Describe the new IT Infrastructure needed to enable Franchising Magnificent Mushroom to 25 Cities Nationwide.

Note: I will be picky about this memo being in proper memo format. I recommend you use the Innoteck memo templates. I am also picky about spelling and grammar. Please feel free to visit the College Writing Center in the Meramec library if you need help with your writing. If you do this, and attach the Writing Center Green sheet, I will award 4 points Extra Credit.

Your Business Owner has just called you and the team into the Manager’s Office of Magnificent Mushroom. You and the team were just informed that, due to your wonderful website, sales have increased and drawn the attention of a local group of investors. This group of investors would like to invest $10 Million dollars to enable the Magnificent Mushroom to set up Magnificent Mushroom restaurants in 25 cities nationwide.

By November 28, you must provide a memo that describes a proposed systems architecture for up to 25 Magnificent Mushroom restaurants nationwide. Of course, there must be centralized reporting to the main database here in St. Louis to track national sales by restaurant and by date. Do not worry about tracking employees. This proposal should focus exclusively on tracking sales and the costs of your supplies.

Your memo must be in business format, using the Innoteck template, and it must do the following:

1. Introduce the topic of the proposed expansion, and provide some general background as to what that might require from IS/IT.
2. Assuming that there is to be a computer in each store gathering information on the sales made in that store, describe what the local store IS architecture would be like. Paste in a Data Flow Diagram of the in-store system.
3. Assuming that there is to be a “master” database computer in Headquarters in St. Louis, paste in a Data Flow Diagram showing how data would flow from each store into Headquarters. If any data flows back, make sure to include that in your diagram.
4. Using the links to Oracle on-line resources that are in Blackboard as your guide, paste in a diagram of a possible distributed database architecture.
5. In your concluding paragraph summarize your initial proposals, explain what further work needs to be done, and express enthusiasm for the opportunity to be a part of the ongoing successful growth strategy of Magnificent Mushroom.