

Data Modeling Assignment

You may use Visio, Word, Paint or any other method to create a Context Diagram, a Diagram 0 and if needed any further DFDs. Please include the following:

1. A cover sheet containing your name, class time, title of report and class number (ITSE 1450)
2. Draw a Context Diagram for the project you are developing.
 - a. Remember the Context Diagram should fit on one page and should be the only thing on that page.
 - b. Clearly label all data flows and external entities
 - c. Add a heading to the page containing your name, the words “Context Diagram” and the name of your project.
 - d. Follow rules for creating a Context Diagram given in class
3. Draw a Diagram 0
 - a. Remember the Diagram 0 should fit on one page and should be the only thing on that page.
 - b. Add a heading to the page containing your name, the words “Diagram 0” and the name of your project.
 - c. Show major internal processes
 - d. Follow rules for creating a Diagram 0 given in class
4. Create a Level 1 Diagram.
 - a. Select one of the processes defined in Step 3 and break it down further.
 - b. Add a heading to the page containing your name, the words “Diagram 1” and the name of your project.
 - c. Show the entities involved with that process, break down the process into major steps, identify data stores, label the data flows
 - d. Follow rules for creating a Diagram 1 given in class
5. Create a decision table, decision tree or some other method for identifying your selection/decision components in your system.
6. Provide a list of how many hours you have devoted to the project so far. Identify hours spent on:
 - Researching
 - hours spent on creating the site proposal
 - hours involved in interviewing
 - hours spent on data modelingRemember to update your journal as that must be turned in with the final project. Save the journal with the file name of **journal.doc** and upload it to the assignment
7. Upload your completed diagrams to the Data Modeling assignment upload area. You may have all the diagrams together in one file, or you may create separate files.

