Homework 5

1. Individual assignment:

   Review all Data Flow (Context, Level 1 and Level 2) and the Entity Relationship diagram of your course project and correct all errors and inconsistencies. Verify that the diagrams satisfy all requirements stated in the appropriate situational context.

   Submit the graded copy of your Assignments 1, 2, 3 and the backup of your project electronically. The link for the electronic submission will be posted on the course schedule.

   Your electronic submission should include a folder with VA backup files created with the VA Tools-Backup option.

   This submission is due April 24 beginning of the class. The grade will be assigned on the basis of the entire model’s clarity, consistency with the situational context and lack of errors.

2. Group assignment:

   Implement the changes to Nandini System model that you proposed in your previous assignment (you should receive an email message from me indicating whether the scope of your proposed change is appropriate by Monday, April 21 the latest). Mark your extensions in a color that is different from the rest of the diagram, so that they are easily identifiable.

   Prepare a 10-minute class presentation that includes a demonstration of your model and a discussion of the changes you implemented – their purpose and the appropriate changes in the diagram. Show that your model contains no errors. Be prepared to answer questions regarding the changes.

   Submit a backup folder for the modified model and a short report documenting the purpose of the extension and all changes made to the model. This submission is due April 24 beginning of the class.