**BCIS 5120**

**Lab 3**

**Data Flow Diagram (DFD)**

DFD tutorial: <https://www.youtube.com/watch?v=1g9IES2nfvM>

**Use Visio to draw a context diagram and a Level 0 DFD for the POS System below.**

Fancy Foods Market is a grocery store that wishes to install a point-of-sale (POS) system to automate its transactions.

* The POS system will scan groceries that customers purchase, process their payment, and print receipts.
* Customer purchase information will be reformatted to separately update three data files (“Goods Sold”, “Inventory”, and “Sales Total”).
* The POS system will also process customer payment information, which is used to update a data file called “payment records.”
* The system uses information from these above 4 data stores to generate weekly reports to the Store Manager.

**Deliverables:**

1. A Microsoft Visio file containing a Context Diagram and a Level 0 Diagram
2. Screenshots of the above two diagrams

**Submission Deadline: 11:59pm on the day of the lab**

No late submission is accepted unless there is a documented illness or emergency.