**Case Study – 5  
(50 points)**

**Name:**

**Clemson ID:**

**Submission**: Save this Word document with your answers as a PDF file and upload the PDF file to Canvas.

Build a set of Data Flow Diagrams for the EVCSS Project. Use one of the diagramming tools identified on the “External Tools Page” in Canvas.

* (10 pts) Context Diagram, Fig 5.11 & Fig 5.12
* (10 pts) Level 0 DFD, Fig 5.12 & Fig 5.13
* (10 pts) Level 1 DFDs (2 DFDs worth 5 pts each), Fig 5.14 & Fig 5.15

(10 pts) Build a Data Dictionary (Section 5.8, pp. 164-167) for the EVCSS Project using Excel, documenting the Data Elements, the Data Flows, Data Stores, Processes, and External Entities based on your data flow diagrams above.

(10 pts) Build 2 Decision tables (Section 5.9.4 pp. 170-174) for the EVCSS Project using Excel.  
One decision table must have at least 2 rules and another must have at least 3 rules.