**CS 5346- Project #1 Report Format**

* **The Problem Description:** Explain the problem for which you have developed the Expert System.
* **The Domain:** Explain the Domain of the problem.
* **Methodologies:** Explain in detail the methodologies (Backward and forward chaining) you are using.
* **Decision Trees:** Provide the two decision trees; one for Backward Chaining and one for Forward Chaining.
* **Rules:** Provide the two sets of rules; one for Backward Chaining and one for Forward Chaining.
* **Program Implementation:** Explain in detail the program implementations. Also, explain important features you have implemented.
* **Source Code:** Attach a copy of the source code.
* **A Copy of the program Run:** Provide a copy of one of you program run.
* **Analysis of the program:** Explain what features you have added or modified and why.
* **Analysis of the results:** Explain in detail the effect on your results of your program implementations and modified feature.
* **Conclusion:** Explain the conclusion and what you learned from the project.
* **References:** Add all the references you have consulted in completing the project.