Grading Criterion for Term Project Phase I

Artificial Intelligence
CS 470/670 , Fall 2010

Student Name: _____ **TA: Siyi Liu**

Part 1: Experiment (0 to 160 pts)	**Points**
Programming Completeness **1.** Convert those data sets from CSV format to Weka ARFF format. Implement a script for the data conversion, using a language of your choice. **(0 to 20 pts)** **2.** Supervised Learning: Use an uninformed search algorithm of your choice to find the best feature subset out of the total 1089 features that can achieve the highest accuracy on the training set using 10-fold cross validation. **(0 to 100 pts)** **3.** Use Weka LibSVM to build a classifier from the training set and use the built classifier to classify the 3 test sets, using the feature subsets you have selected. **(0 to 20 pts)**	1._____ 2._____ 3._____
Programming Documentation (0 to 20 pts) **1.** The submitted program is well-documented; variable and function names are self-descriptive and major functions are explained clearly in comments.	1._____
Part 2: Writing Assignment (0 to 40 pits)	
1. Write an experiment report to discuss your experimental results, including detailed parameter settings and experimental results.	1._____
Deductions:	
1. Unbounded homework, No cover page, No/Incomplete README (–5 pts/each) ◦ In the README file, specify your programming language and platform/OS you use for writing your assignment. **2.** Incorrect submitted file name (-5 pts) **3. No hard copies or soft copies (–100 pts)** **4. The submitted program is not written in supported languages (-100 pts)** ◦ **See http://www.cs.umb.edu/~ding/classes/470_670/student.htm for the list of supported languages**	1._____ 2._____ 3._____ 4._____
Total Points (200 max):	_____

Comment :