Milesone 1 brought to you by Team 7

Data Gone Wild

Task Leader: Sreece Goldberger

# Christy:

Christy was so helpful in finding just what we needed at just the right time. She found the code that invoked Matlab from within Perl so we never had to open Matlab separately from the Perl program. We were able to share that with other groups. She found some code on how to plot histograms within matlab to help Frank start the histogram code for the main program. And the Webpage, built by Christy features all of our programs. She also documented much of the work our team did for Milestone 1.

# Frank:

Frank wrote most of the main program. He filed the Temperatures for all of the Probabilities in their own file by station model. And using those, figured out how to plot the Temperature versus Probability histograms from the extracted Temperature files and print each of the Histograms to separate files. He worked on regular expressions in Perl.

# Patrick:

Patrick wrote an entire version of the program in Matlab only. He used previous experience with Matlab and modeled a formula in the for-loop to indicate the start and finish of every station. His code for the contour is used in both the main program and the Matlab only program. He helped Frank with the ‘saveas’ function in Matlab, and help Christy change the main Perl program to accommodate the Matlab file and the contour graph.

# Sreece:

I was head of the Morale Department and also I wrote the R program. The R program plots the Histograms to one pdf and a contour plot to another. I supplied Patrick with a textfile to his specifications. I also worked on Regular Expressions. As head of the morale department, I was always with a “good job” or “that’s great”, cause happy teammates are productive teammates.

# Teamliness:

Each member of our team kept high spirits and a good attitude throughout the programming process. We set goals each day and worked together to accomplish those tasks. We used each other’s ideas to find solutions to our various programming obstacles.