Final project proposal  (Due March 22)

The final project of CSCE883 can be any of the following categories:

- Apply machine learning technique to solve a new real-world problem
  - E.g. Identifying Suspicious URLs: An Application of Large-Scale Online Learning
- Implement and evaluate some algorithms in a published paper in machine learning journal or conferences
  - E.g. Non-Monotonic Feature Selection. Evaluate popular feature selection methods using weka for a real-world problem
- Develop a new machine learning algorithm (e.g. maximum likelihood learning of tree structures).
  - E.g Supervised Learning from Multiple Experts: Whom to trust when everyone lies a bit

In your proposal, please describe the following information

1) description of the problem
2) what machine learning algorithm you will use
3) What is your data source? How would you get the data
4) How would you evaluate your algorithm’s performance?

You are encouraged to discuss the project idea with the instructor whenever possible. The hint is that you are NOT expected to propose a project which is essentially downloading a simple dataset from somewhere, loading into Weka and getting the results, which can be finished in one evening. You are expected to do something you can be proud of so you can put it in your Resume

Reference:
papers in machine learning conference 2009