**Course Project Instructions**

**Overall Goals**

* The overall goal of the course project is the help the students learn something beyond the defined course curriculum.
* And in turn teach the remaining of the students (through project presentations) something new which was not covered in the class
* Your project should overall give this flavor to class “Hey, we learned these things in class but they fall short of expectations in these terms. And here is how we address them.”

**Instructions of Initial Project Proposal**

* Mention the type of the project (Survey, Research or Implementation type) and team info.
* **Research Based Project:**
  + A semblance of problem definition defining its input, output and objective.
  + A small example illustrating the problem.
  + Some text on “Why it is hard?”
  + Some text on “Why it is important?”
* **Survey Based Project:**
  + Brief description of the area.
  + An initial list of papers planned on reading.
  + If there are already some survey papers in the area, then you need to mention the goals of your survey clearly. “In what way your survey is going to be different from others?”
* **Implementation Based Project**
  + Algorithms used for comparison.
  + Evaluation metrics.
  + Evaluation questions.
    - For example, “We will measure accuracy of classification techniques as <this parameter> is varied”.
  + Datasets used for comparison.