Template for proposal

The class project is designed to be a study of a particular frontier technology area. The technology being studied should be at an emerging stage with the expectation that it will be a main business enabling technology in three to five years. There are two kinds of class projects

- **Research Oriented Term Project**

  These projects should be traditional research study comparing and contrasting the core technology across a number of different applications geared towards solving specific business problems

- **Applications Oriented Term Project**

  These projects are gear towards prototyping of an emerging technology to solving business problems in emerging markets.

**Outline of Proposal**

1. **Cover Page**
   a. Topic
   b. Authors
   c. Class
   d. Date

2. **Executive summary**
   A brief summary that capture the more salient aspects of the entire proposal

3. **Table of Content**

4. **Body**
   a. **Introduction**
   b. **Problem Statement**
      i. Business Components: loss of revenue / market share / poor customer service / inefficient business operation
      ii. Technology Component: lack of automation/lack of adequate integration/lack of adequate operational efficiency
      ---Detail write-up
   c. **Applications Oriented Term Project**
      Propose solution
      i. Technology Component:
         1. Architecture
         2. High level design
         3. Explain how the architecture address issues identify in the problem statement such as the following:
            a. Lack of automation
            b. Integration
            c. Operational efficiency
      ii. Business Component: Creation of new market opportunities / improved operational efficiency /
   d. **Research Oriented Term Project**
      i. Identify three or four broad application of relevant technology in the domain with respect to solving business problem
      ---Detail write-up
      ii. Identify the some of the major innovative breakthroughs that were essential for the adaptation of the technology
      iii. Compare and contrast the applications
   e. **Summary**
   f. **References**