log book project

- Situational Analysis
  - Purpose--determine why this project will be done
    - effective personal documentation is essential to high performance engineering
    - growth in performance needs to be done by the performer with guidance from coach
    - need an assessment system
  - Values--identify key values that will guide us
    - 360 degree learning--maximize learning of all of us
    - process is more important that product
    - iteration--simple, fast, improve via assessment
    - absolute elimination of waste
  - Issues/opportunities--identify key issues that confront you; identify opportunities
    - push back
    - "PDS™"; "professional development system"--promotion of what we are doing
    - new tool for use in many contexts--growing managers; growing log book practice, growing analysts; ..... 
    - time constraints
    - over scoping

- Goal state
  - Brainstorm--envision wild success & identify many possible options to define what success looks, sounds, and feels like
    - students/profs love logbooks & become powerful advocates--tremendous buy in
    - profs follow same process as students
    - capture all knowledge on web
    - create re-usable materials & continuous improvement
    - PDSTM is used in other context at UI & nationally
    - do a research paper around logbooks
  - Goal Creations--create SMART goal
    - By 8/25/06
      - DFE?--rich/thick description--one paragraph that paints a picture of high performance in log book practice--do we have?
      - DFE?--criteria-a prioritized set of 10 criteria for log-book practice (item analysis)--reuse results from past efforts
      - SWB?--schedule--set of dates/deadlines/evaluation for students for Fall 06
    - By 12/1/06
      - --evaluation tool--a one page grading scheme that enforces accountability for improvements & for log book quality
      - DFE--lead--assessment system--PDS™; "professional development system--(use Learning Assessment Journal as a starting Template)
      - DFE--prototype--run a experiment w/ ourselves & with a few students
      - ?--research paper draft on system & prototype