

Phase	Description	Guideline	Mark
(I) Describe the technology	<ul style="list-style-type: none"> ▪ Technical Description (Target audience: cs490 peers) ▪ Past history (brief) ▪ Current state of technology (brief) ▪ Where will / could it go in the future? 	3-5 pages	20
(II) Impact of the technology on all businesses (organizations) in general.	<ul style="list-style-type: none"> ▪ Try to incorporate different industries / business types / sectors ▪ Business use of the technology: past, present, and potential for the future ▪ Consider early adopters vs. late adopters 	3-5 pages	20
(III) Impact on specific business(s)	<ul style="list-style-type: none"> ▪ Identify a specific company (organization) and outline how they could adopt the technology. You may also focus on more than one company. ▪ Either work directly with the company employees or do significant research on the company. ▪ Issues you may want to address: <ul style="list-style-type: none"> ○ How would the introduction be managed, how would you plan for it, etc. ○ How would it contribute to different departments of this company? (Business, HR, management, etc.) ○ What will the impact be on existing company day-to-day operations ○ Provide a timeline for adapting the technology. (i.e.: Should it be a progressive step-by-step change or all-in-one day change?) ○ Potential benefits ▪ Try to relate part of your proposed improvements to the material and methods described in the textbook. 	3-5 pages	25
(IV) Technical analysis	<ul style="list-style-type: none"> ▪ Choose 1 specific issue/challenge related to the adoption of the technology ▪ Dig deep into this issue and provide technical analysis of their current system (using diagrams, formulations, whatever necessary) ▪ Demonstrate how you could overcome any challenges 	3-5 pages	20
(V) Recap	<ul style="list-style-type: none"> ▪ Summary and conclusion ▪ (Includes marks for formatting, language, grammar etc.) 	1 page or less	15

- Due Date:
 - The project is due on April 2, 2012 at noon, via an email to the instructor and TA.
 - Within 24 hours of the due date, place a paper copy in the 490 pink box in MC.
- Formatting:
 - In each section, do your best to be concise.
(Your grade will not be determined by the length of your project!)
 - Font size: 12pt, 1.5 margins, single spaced.
 - Projects should not be less than 10 pages, nor more than 20. The specific paging in the above guideline is meant to show you the minimum and maximum suggested number of pages required in each section (they are not strictly enforced).
- “A picture is worth a thousand words”: try to use diagrams, figures, calculations, etc. to prove your point (of course, if applicable). This adds value to your proposals and also makes it easier for the reader(s).
- You don’t need to propose a major change. It’s better if you identify a tiny issue and try to provide improvements. Tiny issues can have major effects on business.
- Basically, your projects should narrow in scope from phase I to IV, meaning that in phase I and II you describe the technology and its application/impact for all businesses, and then in phase III and IV you’ll focus on one specific business and then one specific issue.
- In phase IV, your focus should be on one single issue inside your company/business with some technical analysis that can include doing a cost-benefit analysis, providing strong support for your proposed technology, etc.
 - Think of this phase as a proposal that you are proposing (as a CIO/CEO) to the board of directors in that organization/company. It should be convincing.
 - If your solution/technology is already futuristic/cutting-edge to be applied, or it is so specific that you cannot find more than one application for it with current technology, feel free to think out of the box and come up with a hypothetical futuristic application.

Oral Presentation

- Your presentation should *briefly* touch on all four phases (it's okay to present incomplete work), but you do not have to distribute your time equally: you may spent the majority of your time on one phase if you wish.
- 15 minute presentations: 10 minute presentation, 5 minute discussion
(presentation is worth 10% of project)
- 30 minute presentations: 20 minutes / 10 discussion, or 10 group, 20 guest, 15 discussion
(presentation is worth 20% of project)
- 45 minute presentations: 30 minutes / 15 discussion, or 10 group / 20 guest / 15 discussion
(presentation is worth 30% of project)