

*Advanced Programming Techniques*

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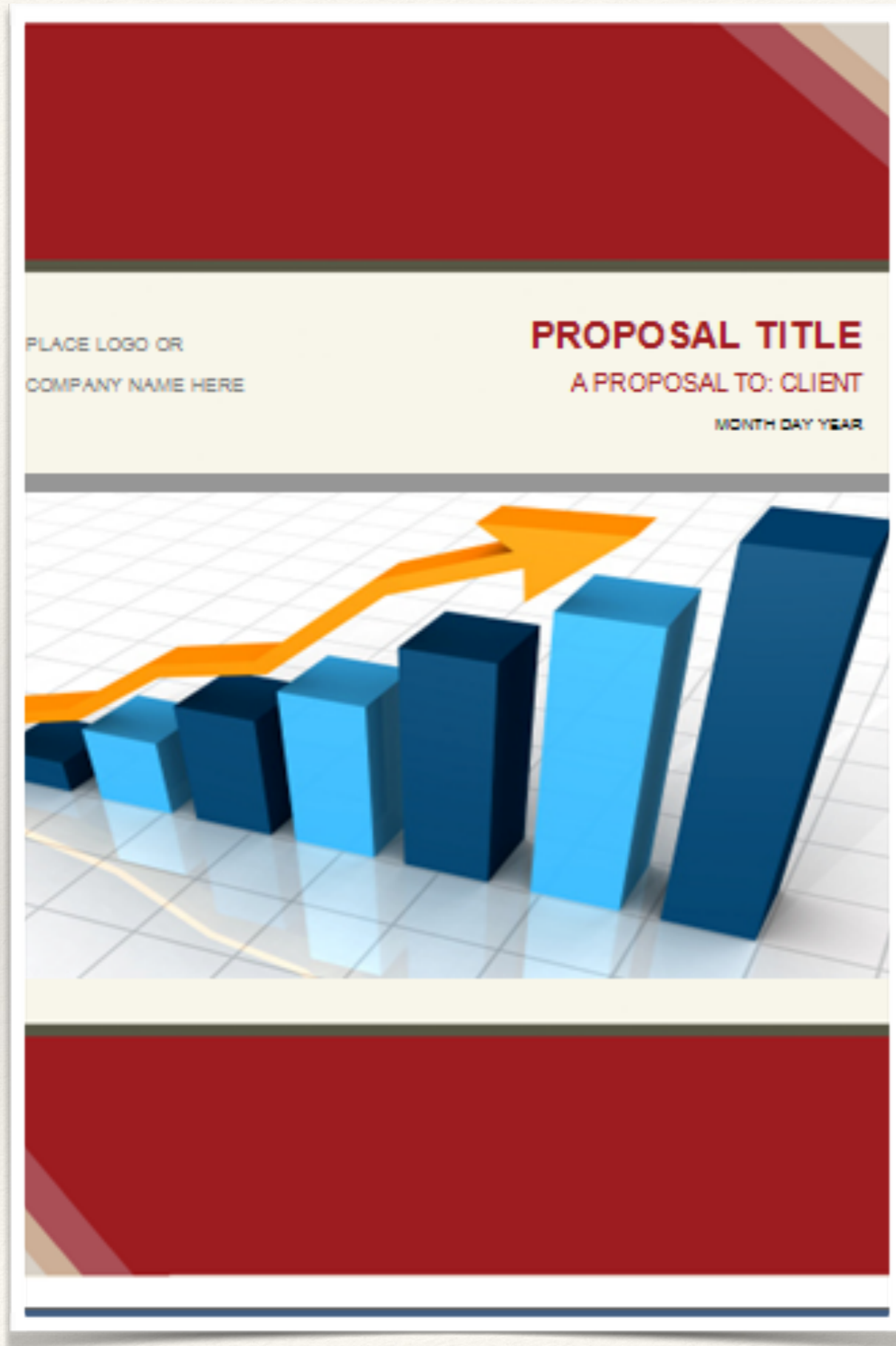
# Course Project Details

Christopher Moretti

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**APPROVED**





**mebox** Storyboarding Template Page: \_\_\_\_\_

Scene: \_\_\_\_\_ Shot: \_\_\_\_\_

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	▼

Action: \_\_\_\_\_ FX: \_\_\_\_\_

Dialog: \_\_\_\_\_ Engage. Panel: \_\_\_\_\_

Weekly Meetings / Demos - starting 3/21



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# “Project Manager”

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- ❖ You will run your project!
  - ❖ It's your project to design and scope
  - ❖ It's your code to write and debug
  - ❖ It's your application to put in the hands of users to test
- ❖ We will help: one grad TA will serve as “Project Manager”
  - ❖ Some combination of product owner, client liaison, scrum-master, and actual product manager
  - ❖ We will advise and monitor so you don't get stuck
  - ❖ We will liaise to find other groups that have already overcome your current hurdles to remove blockers, as necessary

# CIRCLES Method

Comprehend situation — what? Who?  
Why? How?

Identify customer — 22 Personas

Report customer needs - as \_\_, I want \_\_ so that

Cut, through prioritization → ROI estimate?

List solutions

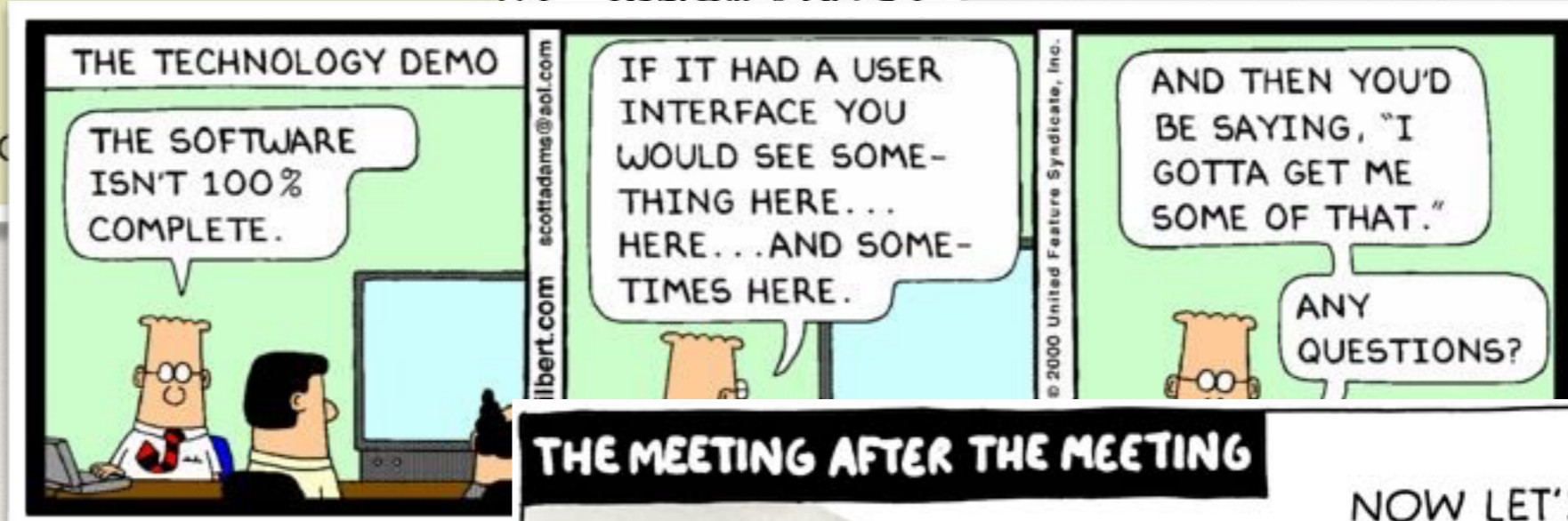
Evaluate trade-offs - thoughtful, analytical, obj

Summarize recommendation — What,  
recap,  
why vs. others

# Weekly Meetings / Demos - starting 3/21



Prior to our weekly meeting, we need to discuss items that will be discussed during our weekly meeting.



## THE MEETING AFTER THE MEETING



NOW LET'S TEAR APART EVERYTHING WE TACITLY SUPPORTED JUST FIVE MINUTES AGO.







# The Small Business Advisor



BY ALEX HALLATT

Yes, that will work as an elevator pitch... if your potential client works in a skyscraper...



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PHOTO	NAME	AGE	DESC
	JOHN DOE	24	Lorem Ipsum Meh Meh des effi nen
	TOMY ROE	38	Lorem Ipsum Meh Meh des effi nen
	JANE DOE	50	Lorem Ipsum Meh Meh des effi nen
	SAH DOOM	18	Lorem Ipsum Meh Meh des effi nen
	GLEN YOB	85	Li



## MOVING GOALPOSTS

Because nothing motivates employees like setting a goal, reaching that goal, and being told it's not good enough.

# Elevator Speech

- ❖ Attention grabbing pitch to describe (sell) your idea in a soundbite, a sentence, a paragraph, a coffee break, etc.
- ❖ The idea isn't directly to get a funding commitment (but that's great if you do), but more to get a 2nd conversation.



# Elevator Speech

- ❖ One formula:
  - ❖ What's the problem
  - ❖ Why does the state of the art suck?
  - ❖ What are you going to do about it and how?
  - ❖ Where do you go from there?



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# Prototype (March 28)

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Prototyping

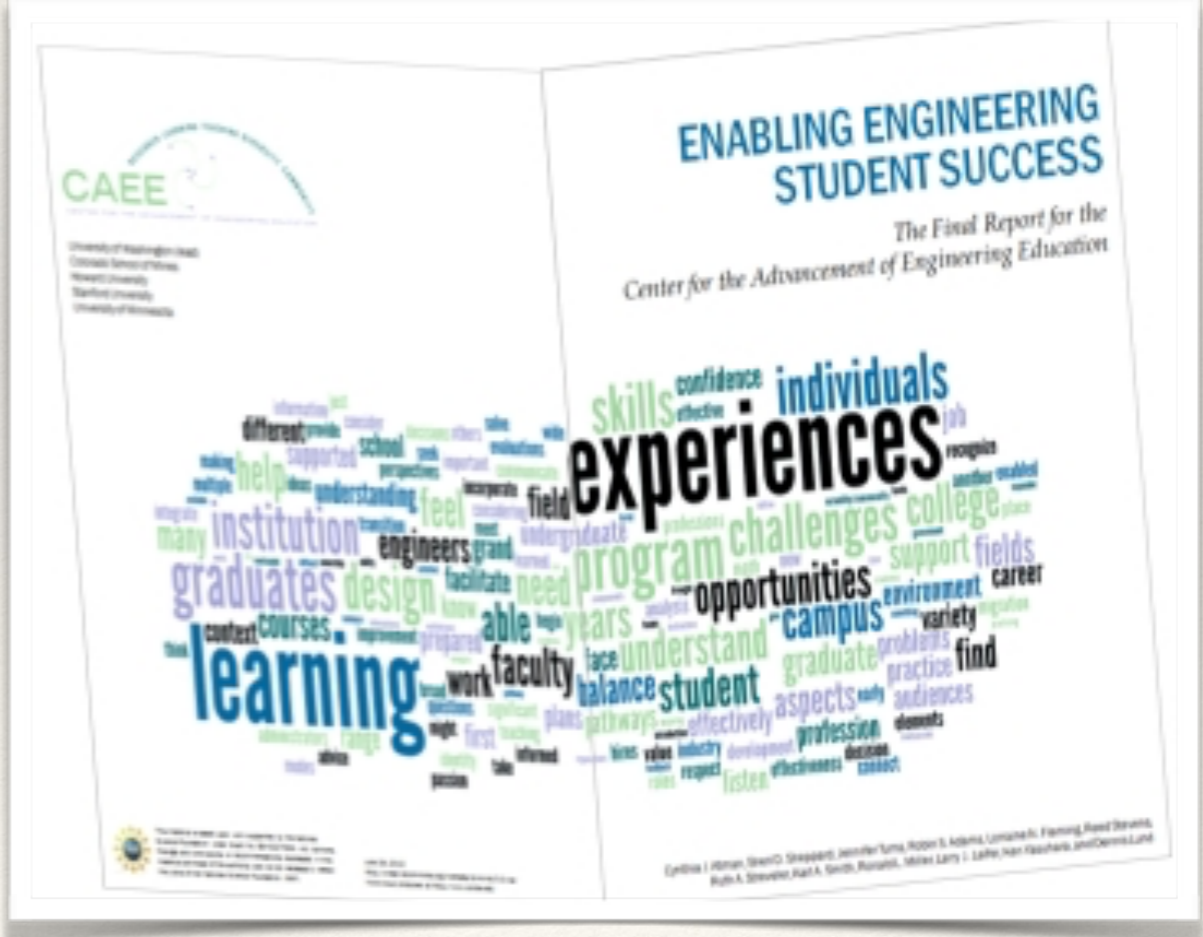
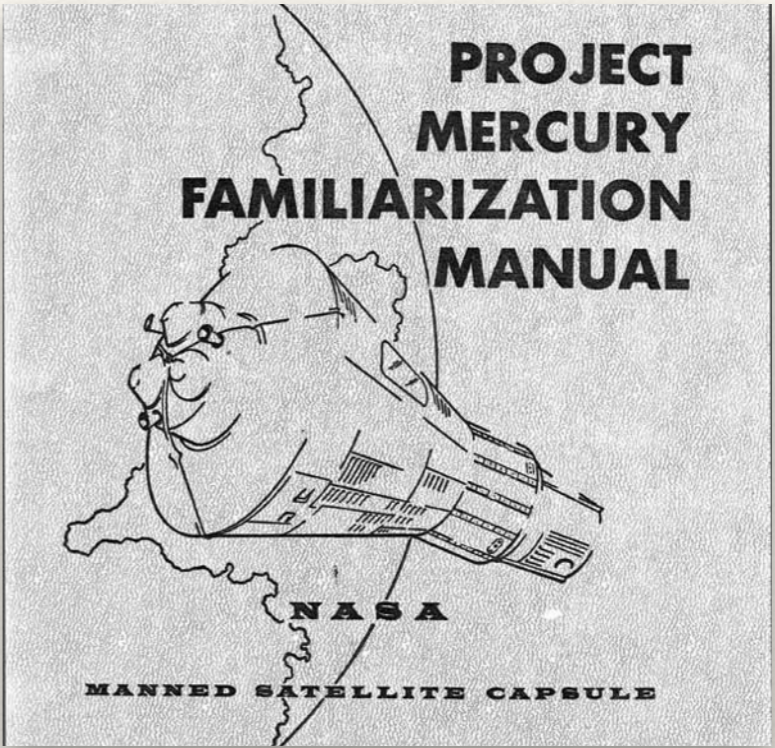


Alpha (April 18)

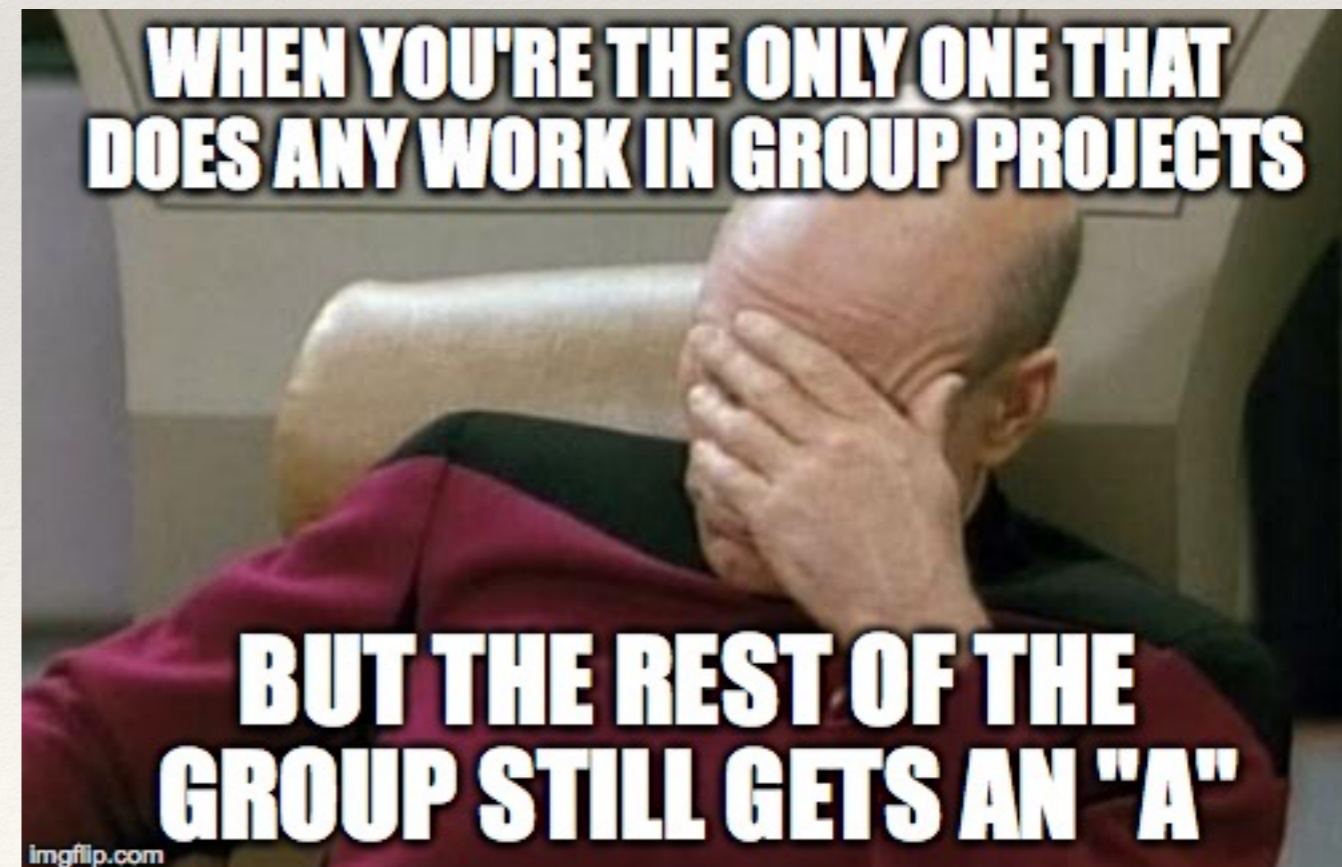
Beta (April 25)

Demo (May 2-4)





# Peer Evaluation







# Do this from the start, and keep it up till the end:



- ❖ Keep scope and schedule in mind
- ❖ Keep a log of what you've done and what's up next on your plate
- ❖ Avoid a "big bang" project in all stages of planning
- ❖ Simplify: don't take on too big a job, don't try to do everything at once; do take "reasonable bites"
- ❖ Use source code control for **everything**.
- ❖ Test **everything**. Build automated tests from the beginning to perpetually keep your code in shape
- ❖ Remember that you have deliverables along the way!
- ❖ Remember that no battle plan survives the first encounter with the enemy.