

Administrivia

- n Individual assignment #1 will go out later today.
- n Upcoming holiday schedules: Mon / Wed?
- n Informal feedback meetings with each LCO group
 - n Mon, July 03?

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Section 02: Team Formation Issues; The Next Project Stage

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Outline

- n Lifecycle Objective (LCO) Retrospective
- n Desirable Qualities in Teammates
- n Project Team Announcement
- n Team Conversations: Success Criteria
- n Brief Overview of LCA: the Next Project Stage

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LCO Retrospective

Sustain:

Improve:

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Last Year's LCO Retrospective Results

Sustain:

- + unrestricted flow of ideas at the very start
- + setting up timetable
- + availability of previous writeups / Q&As
- + presentations forced students to focus on important aspects
- + tailoring content specifically toward audience
- + writing up clarifies ideas
- + audience participation
- + honest about pitfalls
- + guest expert
- + students proposing ideas

Improve:

- looking at related work earlier (before deadline); not making early assumptions
- hard to design w/ a stable team
- time presentations so there's a minute for feedback at end
- think about topic splitting within prospective team
- knowing size of team

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Desirable Qualities in Teammates

- n What would you like your teammates to be?

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Desirable Qualities in Teammates

- n Students in previous CSE403 classes said they preferred teammates who were:
 - n Motivated
 - n Active, showing initiative and leadership
 - n Dependable, responsible, following through on promises
 - n Committed to team, putting team goals above personal
 - n Open-minded, flexible (not stuck into original expectations, willing to be convinced)
 - n Honest
 - n Showing explicit and concise communication, articulate
 - n Organized (good time management), focused
 - n Creative
 - n Competent, producing good quality work, has expertise in some area
 - n Not necessarily "stars"

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Qualities that Managers Look for in Prospective Employees

- n Dependable
- n Trainable
- n Proactive

"Star players" are often a **red flag!**

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Tradeoffs in Choosing Project Team(s)

(A) One team of 8 vs. (B) two teams of 4:

- n A: learning about dealing with communication overhead
- n A: more people can more easily absorb possible changes to human resources
- n A: more flexibility in the workload
- n A: clearly no perception of competition, just collaboration
- n B: reference point to compare and learn from others
- n B: commonality of ideas
- n B: learning to scope down the set of features
- n B: learning to integrate with existing (external) systems
- n B: non-performers can't hide as easily
- n B: presence of impartial peers (outside your team) to consult

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The Project Teams

TeamForge:

Andrew, Bishop, Ky, Yoshito

OpEnSpaCe:

Calvin, David, Jung, Mikiko

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Team Conversations

- n It is crucial to establish a shared understanding among teammates and do so as early as possible!
 - n See handout

Questions to discuss:

- n What are your team's success criteria? How will you measure/evaluate if they are achieved?
- n What would make you personally feel welcome and safe in your team – so that you can express your creativity and personality?

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Last Year's Team Conversation Results

"Online Jam Space"

Goals:
 - everyone benefits (learns something)
 - high quality final product
 - visibility of individual responsibilities
 - everybody feels important
 - satisfaction with product (we don't hate it!)

Ways to measure:
 - weekly updates and milestones
 - good grade
 - pass the gavel

"Busta' Sandwich"

What makes a team successful:
 - good communication
 - distribution of work
 - no distribution if necessary
 - helping each other out
 - addressing issues as they come up
 - no exclusive ownership by any member
 - time management
 - effective evaluation

How do we measure this:
 - no last minute rushes
 - no faults
 - friends think it's fun & well made
 - maintain team friendship to the end
 - everyone feels that they contributed

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The Next Project Stage: Lifecycle Architecture (LCA) Review

- n It's when detailed planning and design are done.
- n An elaboration of the LCO review document
 - n Requires that the same five elements be addressed
 - n But more details and decisions are expected, and fewer open options
 - n Use LCO materials as a starting point
 - n But no reason to stay too close to it if your team wants to change/adapt some aspects
 - n Changes between LCO and LCA are usually needed to improve focus and/or scope.
- n Stakeholders must be consulted to approve the decisions and the overall strategy...
 - n ... before moving forward to other phases.