CPEN 321

Logistics

Schedule Update:
Next Monday is a Holiday

	Wed, Sept 27, 2023	*Project presentations*	Communities are formed - Friday Sep 29, 9pm
W5	Mon, Oct 2, 2023	*Reconciliation Day*	M2: Requirements (group, 5%) - Tuesday, Oct 3, 12pm (noon)
	Wed, Oct 4, 2023	Architecture, Design	
W6	Mon, Oct 9, 2023	*Thanksgiving Day*	
	Wed, Oct 11, 2023	Design, REST, Microservices	
	Thu, Oct 12, 2023	*Free for working on design*	M3: Design (group, 7%) - Monday, Oct 16, 12pm

Communities Milestone –
Friday Sept 29, 9pm

- Team A and Team B form a "*community*" (8 students)

- Team A acts as a client for Team B (code review, acceptance tests, etc.)

- Team B acts as a client for Team A (code review, acceptance tests, etc.)

- Do not need to work on similar ideas, but need to "like" each other's ideas

Grades will be given for activities
in both "client" and "developer" roles

Project Scope and Common Issues

- Main use cases should not be simple and similar to each other, e.g.,
  - "Creating an account" → think "users do not buy an app to create an account"
  - "Viewing account stats" → simple
  - "Course-specific study groups" and "Multi-disciplinary study groups" → similar

- Sufficient complexity: we ask for 5-6 <u>non-trivial</u> requirements.
  - Yes, one of them can be "Authenticate the user" (which includes login, logout, sign-up), but…
  - At least 3-4 should involve complex logic
  - Using a set of existing APIs is not sufficient for a reasonable scope for this course project

Other Issues and Notes

- Use cases are phrased as verbs not nouns
  - E.g., "Course-specific study groups" and "Multi-disciplinary study groups" → "Create study groups"

- Follow the instructions!
  - E.g., when we say 8 slides, we mean 8 … not 9, 10, or 12

- Phone: For the final milestone, you will run your app on a real device
  - Please make sure each group has at least one Android phone and send a private Piazza note to all instructors if that is not the case

CPEN 321 Software Engineering
Winter 2023

M2A: Initial Requirements (Wednesday, September 27, 3pm PST)

This is a group assignment. The deliverable for this assignment is a document specifying **the initial version of your project requirements**, for the project idea selected by a TA.