intro & logistics

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goals: what you’ll learn

design skills
› problem analysis
› behavior design
› design tradeoffs

programming skills
› reflective coding
› new languages & frameworks

professional practice
› team work
› shared repositories
› presentation
course elements

solo projects in phases
› phase 1: get going
› phase 2: minimal viable product
› phase 3: adding cool features
› phase 4: critique & peer review

team project
› you choose the team and the project

class sessions
› nuggets and review of your work
› readings for each class, with nanoquiz

recitation
› focused on technology
grading policy

components
› solo 40%, team 30%, participation & quizzes 10%
› excellence 20%: best design and code work

collaboration on solo projects
› can discuss plans & work, but must name your collaborators
› all written work must be your own

lateness
› 3 slack days; no other lateness
› free slack days for illness with medical note
class contract

The teaching staff of the course will endeavor to:
› Deliver content that is stimulating, practically useful and of long term intellectual value;
› Encourage interaction during all class and recitation sections, and take all questions seriously;
› Provide constructive and helpful feedback on student work in a timely fashion;
› Assign grades in a fair and consistent way;
› Take seriously suggestions about course content and structure;
› Help students who feel overwhelmed or lacking in background, despite prerequisites;
› Support and encourage full participation of all students.

As a student, by taking this course, you agree to endeavor to:
› Attend all class sessions, and to participate enthusiastically;
› Not use laptops and mobile devices during class for email and other distracting activities;
› Share concerns and comments about the course with the lecturer;
› Help create a sense of community by making forum postings anonymous only when absolutely necessary;
› Do your fair share of work on your team project.
why X?

why Ruby?
› Rails: lets you avoid SQL
› strong culture of elegance & simplicity
› cleaner syntax, more uniform than Python
› good to learn another language

why GitHub?
› most popular open source host
› good support for issue tracking too
› they gave us free private repos (thank you!)
your turn

lab hours
› installation clinic: tonight 5-7pm

read website
› esp. general info & solo project overview

recitation tomorrow
› go to any recitation

P0: due Monday
› Hello World in Rails
› stored in GitHub, deployed to Heroku