

CODE FELLOWS



Your Job Title is Now...
Developer



This course is extremely:

- Non-traditional
- Practical
- Entrepreneurial
- Lean
- Agile

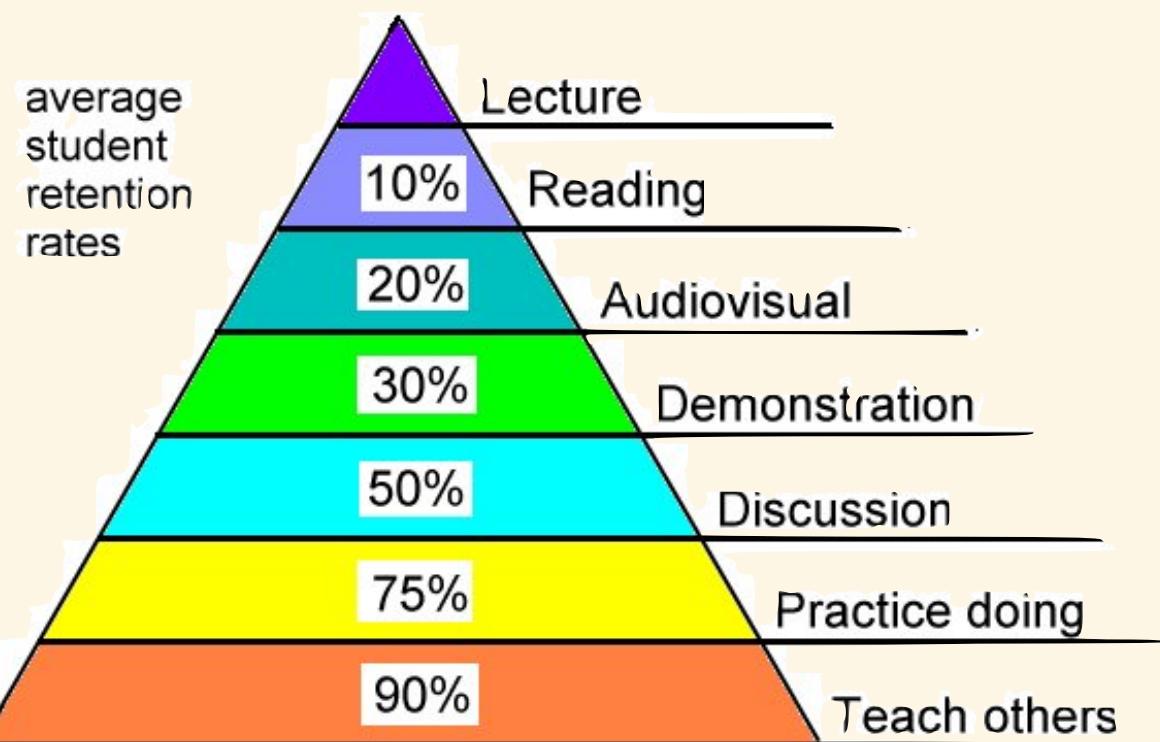


This is more like **work** than traditional classes
Things **will** be **ambiguous**

We are here to
help, coach, guide, connect dots,
and lastly, instruct.



Learning Pyramid

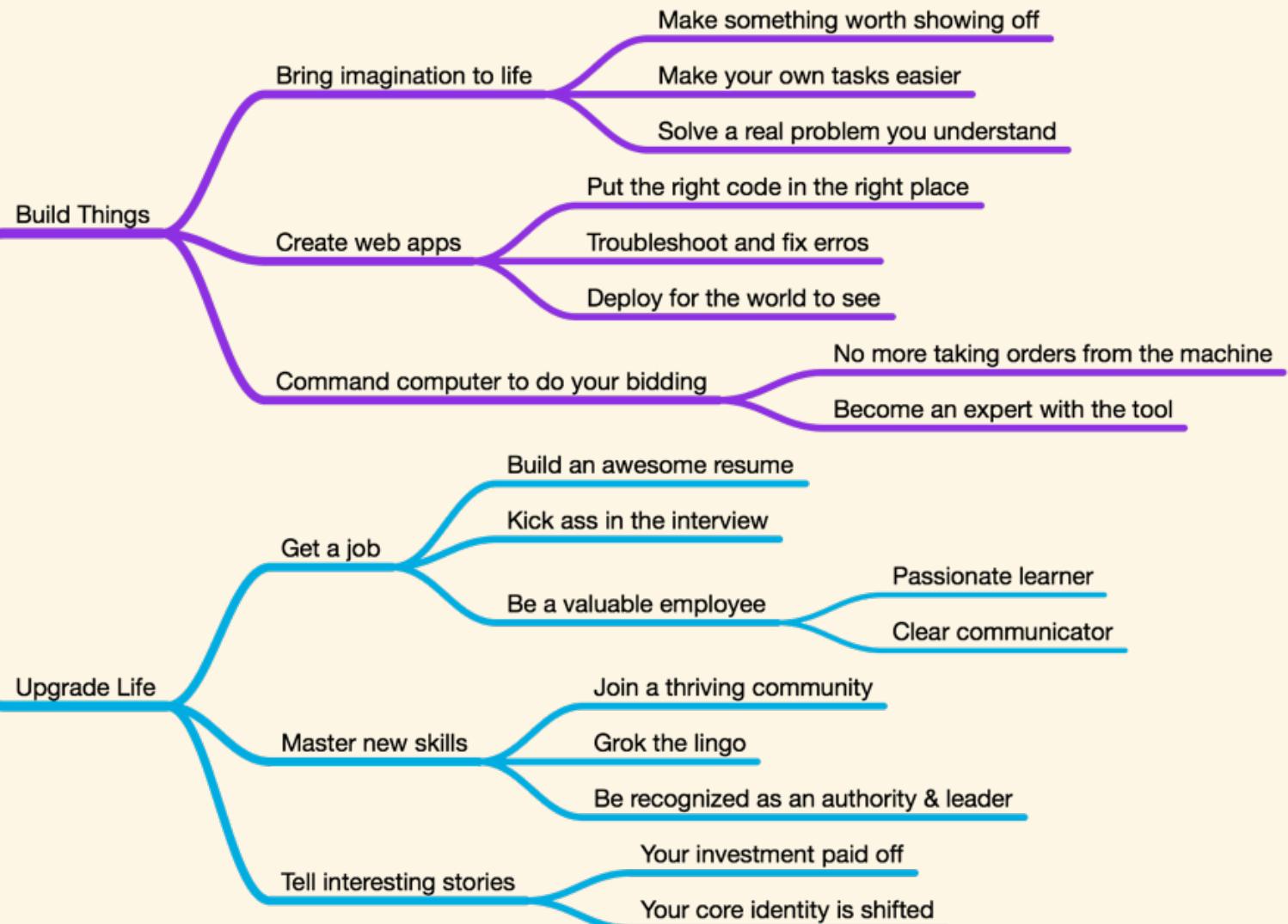


Source: National Training Laboratories, Bethel, Maine





User Super Powers



PATHS

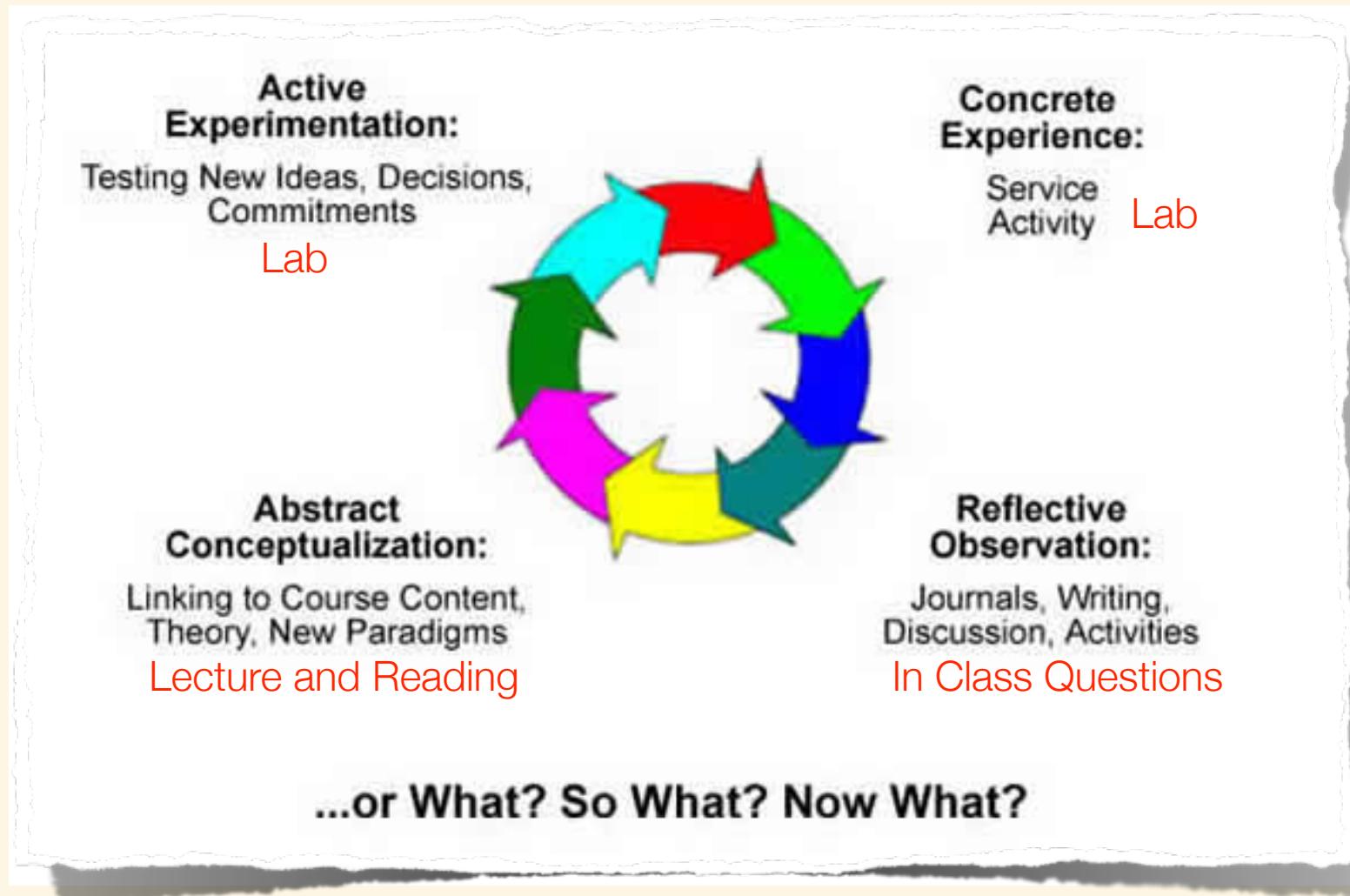
SHAPE BEHAVIOR
ARE GAMES TO BE PLAYED
LEAD PEOPLE ALONG
HAVE PREDICTABLE OUTCOMES
ARE MEASURABLE
DESIGN EVERY DETAIL
ARE CONSUMPTIVE
CREATE DEPENDENCY
HAVE A CLEARLY DEFINED PURPOSE
LEAD TO COMPLETION
END IN AN EXCHANGE

SANBOXES

CREATE ENGAGEMENT
ARE SPACES IN WHICH TO PLAY
LET PEOPLE EXPLORE
HAVE UNKNOWN OUTCOMES
ARE OBSERVABLE
UNDERSPECIFY THE DESIGN
ARE GENERATIVE
ENCOURAGE AUTONOMY
PURPOSE IS SELF-DETERMINED
LEAD TO UNDERSTANDING
END IN LEARNING & DISCOVERY



Adult Learning Theory



Peer Learning

is awesome.



15



Sleep

Exercise

Connect



Honor Code



what?



technical
Good Question

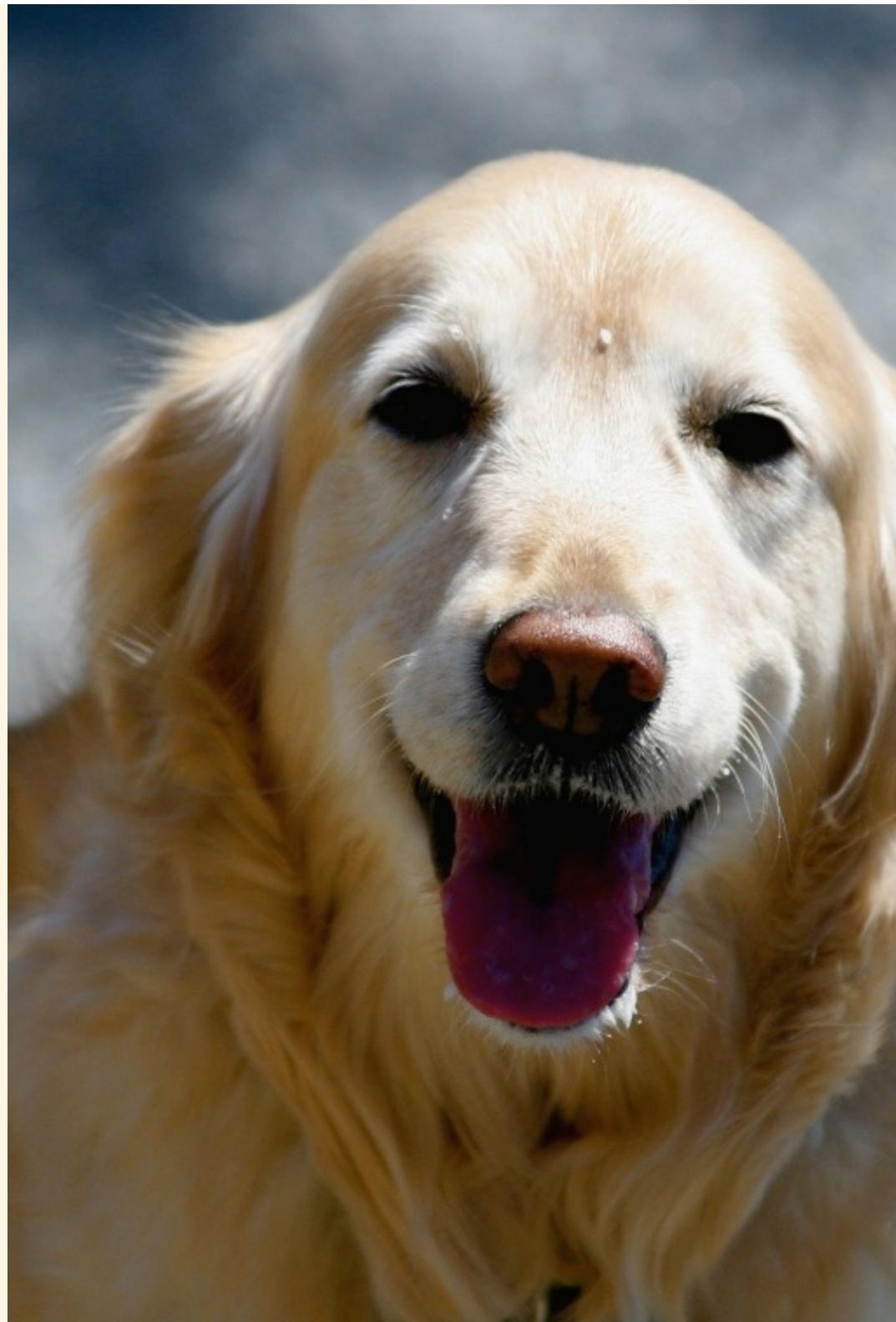
Save Time

Get right to the issue by
describing it well



Happy Programmers

Less WTFs / minute





communication

life-long skill



Diagnostic Skills

(Im)prove them



Specific

one question at a time

A Good Question

- Saves time
- Keeps everyone happy
- (Im)proves your communication skills
- (Im)proves your diagnostic skills
- Is about one specific issue

A Good Question has 4 parts

- 1.Context: Project Name, or if new, what the app does
- 2.Expected Outcome
- 3.Unexpected behavior
- 4.Error message, line#, and Diagnosis Steps taken

A Good Question

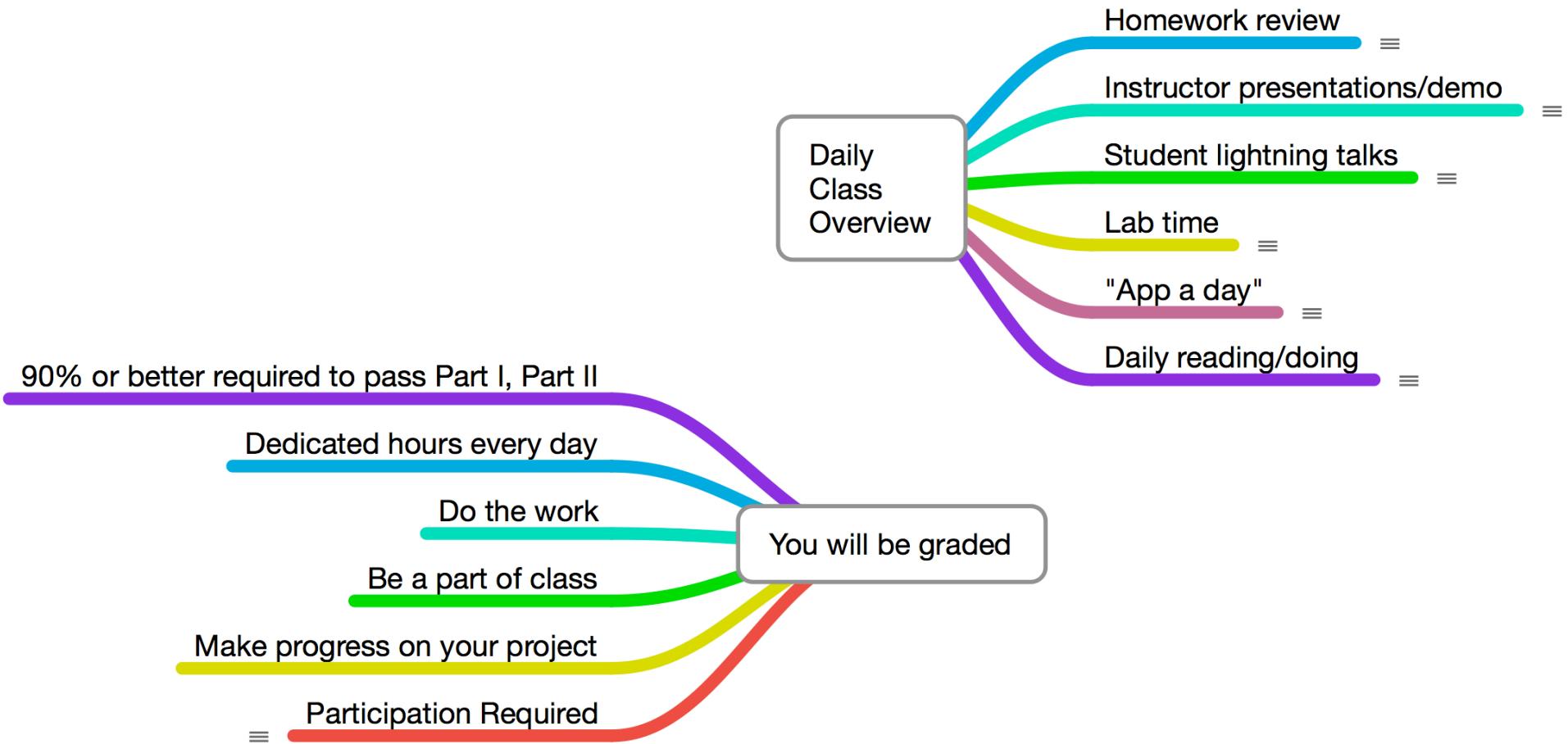
- On my Portfolio site / Comments
- I was trying to add a comment
- I'm getting an undefined method for Nil and I can't add a comment
- I looked at comments_controller.rb and I can't figure out **what** is nil on line 39

What's a Gist?

- Don't spam the #channel on IRC
- Post large blocks of text to <https://gist.github.com>
- Post multiple related files **and** a stack trace
- Name your files with the proper extension: .rb .yaml .txt
 - So that syntax highlighting works

Keep Asking
Good Questions

technical



Class Overview

You will be graded



