## CISC 3115 TY3 C17b: Midterm, Project, and Others

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## Outline

- Midterm exam
- Project 1
- Class observation

## Midterm

• 50% of the semester has gone. How are you doing?

Component	Percent	Remark
Attendance	5%	"80% of success is just showing up" and "20% is following up". But what constitutes "showing up" and "following up"?
Practice Assignments	15%	CodeLab, Exercises/Labs, & aQuizzes
Projects	30%	2 projects. Write your "own" stories.
Midterm Examination	20%	How are you doing?
Final Examination	30%	How are you going to prepare for it?
Total	100%	Sum it up.

# Final Grade

 Thinking beyond the grade

Final Score	Letter Grade
90 - 100	A
80 - 89	В
70 - 79	С
60 - 69	D
0 - 59	F

	Pinned repositories	
M	jekyll/jekyll	wordpress-to-jekyli-exporter One-click WordPress plugin that converts all posts pages, taxonomies, metadata, and settings to Mari and YAML which can be dropped into Jekyli
	● Ruby ★ 35k <sup>%</sup> 7.7k	<ul> <li>● PHP ★ 805</li></ul>
The Octocat		
	github/choosealicense.com A site to provide non-judgmental guidance on choosing a	word-to-markdown A ruby gem to liberate content from Microsoft Wor
Unfollow	license for your open source project	documents
Block or report user	● Ruby ★ 1.3k 💱 392	● Ruby 🚖 945 💱 102
🔀 Developer Program Member	licensee	jekyll <b>/jekyll-admin</b>
A GitHub STAFF	A Ruby Gem to detect under what license a project is distributed.	A Jekyll plugin that provides users with a traditional CMS-style graphical interface to author content and
San Francisco		administer Jekyll sites.
<ul> <li>✓ octocat@github.com</li> <li>𝔍 https://blog.github.com/</li> </ul>	● Ruby ★ 255  83	● JavaScript ★ 1.7k ¥ 193
Organizations	4,675 contributions in the last year	20
<b>C</b>	Aug Sep Oct Nov Dec Jan Feb	Mar Apr May Jun Jul 20'
	Mon Wed	
	Learn how we count contributions.	Less More 20
	💽 @github 📑 @pages-themes 👔 @jekyll	20 More
	Activity overview	27%
	Contributed to github/github,	Code review 20
	github/community-and-safety,	47% 14% 20
	github/pages and 5 other repositories	Commits Issues 20'

Contribution activity

Created 23 commits in 5 repositories

August 2018

2007

2006

Jump to -

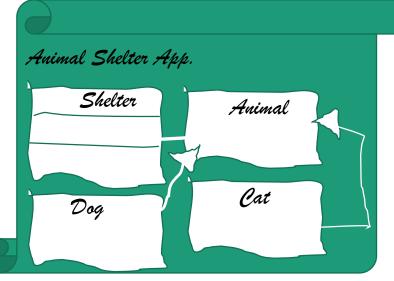
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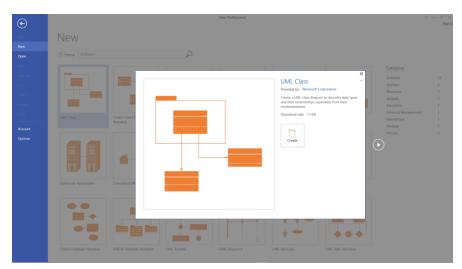
# Project 1

- The personal directory project
- Two phases
  - Phase I: Analysis
    - Analyze the problem
    - Preliminary design in UML class diagrams
    - Submission 1
  - Phase II: Design
    - Implement the application
    - Refine/refactor the design and the implementation
    - Verifying the design and the implementation
    - Submission 2

# Phase I: Analysis

- Entities  $\rightarrow$  classes
  - Paper and pencil
  - Tools (many, e.g., Microsoft Visio)
  - Responsibility (who writes what?)





# Phase II: Design

- Initial implementation
  - Write your own classes
    - Data fields, private methods, public methods
  - Compile and test your classes
    - Mock classes of others
      - You are using Shelter's getNumberOfAnimals method in your class
      - From the preliminary or refined design, write (but not add to the repo)

class Shelter {

```
int getNumberOfAnimals() {
return 5; // or alike
}
```

Integration and test

}

Shelter getNumberOfAnimals(): int

# Faculty Observation

- Faculty member visits and observes the class on Thursday
- Do as usual

## Questions?

- Midterm ... should I be worried? What should I do?
- Project 1 ... any questions?
- Visitor of the class