WCS Product Specifications 2017-2018 APCS-A

This document describes important dates, grading impacts, and requirements for the slide deck and project.

April 13, the day of alpha project presentations

On this day you and your team will give a short presentation about your project. Consider this as a rough draft of the slide deck you'll submit on the final due date. See slide deck requirements below.

At this "alpha" stage, slides #1-4 should be complete and looking good. Slides #5-8 should have placeholders indicating what you think you might put on them.

May 23, the day of beta project presentations

On this day you and your team will give a short presentation about your project. Consider this as a second draft of the final slide deck you'll submit on the final due date. See slide deck requirements below.

At this "beta" stage, all the slides should be as complete as your code allows you to make them. You should expect to make some changes based on feedback and additional work you do before the deadline.

Slide #4 should have the same initial goal as in your "alpha" presentation, but the part about "where you stand right now" should be different and reflect the current status.

May 30, the final due date

On this day you and your team will give a short presentation about your project, and your project will be available for other people to demo. Also on this day you will complete a project reflection form.

Assessment

Checkpoint 7	The April 13 presentation will count as one test grade, averaged with other work.	
Checkpoint 8	50%	May 23 Presentation meets all criteria described in this document
	25%	HOWLs = preparation, participation, perseverance
Final Exam	20% each	_You made it real:_ project has a README and is available for public use
		You made it relevant: slides 1-5 are evidence of this
		You are fluent in an advanced concept: slide 6 is evidence of this
		You designed it well: slide 7 shows efficient design and code reuse
		You gave it a future: slide 8 + README show your code is maintainable

Required structure for your slide deck

Slide #	Purpose	This slide should show ...	notes
1	**hip title**	one image (related to your project) covering the whole slide, with overlaid text indicating: - the title - names of team members - link to project repo	
2	**purpose**	what your project will do, including (a) what problem your project will solve, or what misunderstanding will it correct, and (b) what information your users will visualize or interact with	
3	**precedents**	1-2 images of existing projects that are similar to yours, with text describing how yours is different	
4	**status**	what your initial goal was, and where you stand right now in relation to it	
5	**user testing**	what did you learn from asking users to test your project? what did you change as a result?	
6	**advanced concept**	an annotated screenshot of a code snippet that shows how you implemented one advanced concept (Nested For Loops, Inheritance, ArrayList that changes size, Recursion, or some other concept approved by Mr. Smith)	
7	**efficiency**	an annotated screenshot of a code snippet(s) that shows how you did something efficiently in your code (ie. a class or function or variable that lets you avoid code duplication) ... DRY = Don't Repeat Yourself	
8	**future**	a link to a helpful README for developers, and an annotated screenshot of a code snippet(s) that shows how you help someone else to maintain your project (ie. good names, comments, values parameterized at the top)	