CST338-40_SP19:Software Design

(F)Complete and upload the Final Project/Exam (10 hrs)

Final Project/Exam

Each student will complete their own final project. DUE by midnight on Friday. No late projects will be accepted, so plan accordingly.

It will have 2 phases:

1. Design Phase

No code will be created in this phase.

Create an extensive application worthy of this class. It must involve one or more of the following:

• GUI with Multi-Threading
• A Design Pattern, including main and 3 additional classes (Min 4 total classes)
• Android app
• Abstract class with at least 3 additional classes other than the main (Min 5 total classes, abstract, main, 3 additional)
• Interface with at least 3 classes other than the main (Min 4 total classes plus interface, main, 3 additional)

   1. Write up a spec like what you have seen in our assignments. Make up a display of options and output from the program. Include what testing should be done for the solution.
   2. Create the UML diagrams.

2. Implementation Phase

You can chose to ONE of the following:

• A video 10-15 minutes long, describing in detail the process needed to design and code the application above. Describe the UML diagrams created and how the classes interact with one another. Include flow-charting for how the program will run. It must have accurate closed captions.

• Code a working solution that adheres to the spec you wrote in phase 1. Include an output of your program. If it is GUI or an App, then include critical screen shots. Be sure to properly comment the code. If you want to do an App, then you must incorporate material from several more videos in the series that we watched.

📄 Rubric for the Final Exam.pdf

Submission status

Submission status	No attempt
Grading status	Not graded
Due date	Friday, 26 April 2019, 11:55 PM
Time remaining	9 days 2 hours
Last modified	-
Submission comments	➕ Comments (0)

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