Computer Science 2050 - Project Schedule Template

Written by Dr. Gurka, edited slightly by Mr. Kramer

Starting with Project 4, fill out and submit a project schedule using this template. This is your best estimate on what your project’s tasks are and how your time needs to be allocated.

As you work on the project, keep track of your time on each task and record any additional tasks you didn't put in the schedule. Reflect on how you can create a better schedule next time, where "better" means more closely matching how much time you need to spend on what parts of the project.

The submission date for the initial schedule will usually be two days after the project specifications are posted. The initial schedule will have the two planning columns filled out (estimated time and planned dates). The final schedule will be submitted with the final project, and will be the unchanged original schedule, plus actual times and dates filled out and notes you made during development. Points will be deducted from the project grade if the original schedule is not submitted, or if a final schedule is not submitted. No cover letter is needed with the initial schedule submission.

Use the template on the next page; do not hand in these directions.

Partial list of project tasks to schedule. Except as noted, these apply to this and subsequent programming projects.

* read and understand specifications, including solving sample problems on paper, by hand
* create and submit this project schedule
* create a test plan, possibly including data files
* read and understand provided code, if any
* design the project structure: classes, methods, other major components
* code and run a skeleton project ("what needs to be done?"), with methods as stubs only
* design the logic ("how?") needed for each method
* iteratively, write and test full code for the classes and methods; this task will have a number of subtasks, each covering one logical component of the project (for example, user input, data validation, output report)
* final overall testing, possibly including test plan exchanges
* walkthrough, if any (may occur earlier in the project)
* interim due dates (e.g., this schedule, test plans)
* extra work
* other tasks specific to an individual project

Keep notes on the various tasks in regards to the schedule. Should you have allowed more time? Should you have done it sooner in the processs? What would you change next time? Did you change “Subtask #n” to an actual subtask?

Computer Science 2050

Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project# \_\_\_\_\_\_

Date submitted: \_\_\_/\_\_\_/20\_\_\_ Initial or final schedule? (Circle one)

Project Schedule (refer to the full task list above)

Date project assigned: \_\_\_/\_\_\_/20\_\_\_ Date project due: \_\_\_/\_\_\_/20\_\_\_

Interim due date(s): \_\_\_/\_\_\_/20\_\_\_ Planned completion date: \_\_\_/\_\_\_/20\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Estimated time needed | Planned date(s) | Actual time needed | Actual date(s) |
| specifications |  |  |  |  |
| project schedule |  |  |  |  |
| test plan |  |  |  |  |
| provided code |  |  |  |  |
| project structure |  |  |  |  |
| skeleten project |  |  |  |  |
| logic |  |  |  |  |
| code & test |  |  |  |  |
| subtask #1? |  |  |  |  |
| subtask #2? |  |  |  |  |
| subtask #3? |  |  |  |  |
| : |  |  |  |  |
| final testing |  |  |  |  |
| walkthrough? |  |  |  |  |
| extra work? |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Notes