

Criteria for grading

14 points in total - Minimum to pass 8, according to 5 dimensions:

1) Functionality (Coverage of the requirements)

A: all functions implemented

B: (-1 point) if a minor functional specification or requirement is not implemented or not correctly implemented (logical errors)

C: (-2 points) if 2 functions or requirements are not implemented or not correctly implemented

D: (-3 points) if 3 functions or requirements are not implemented or not correctly implemented

Fail: if many functions or requirements are not implemented and the project is very much smaller than the requested one

2) GUI usability

A: if the GUI is well designed

B: (-1 point) if there are some small issues, such as labels that cannot be read easily or strange names.

C: (-2 points) When there are small issues and it is not immediate to understand how a function can be executed through the GUI.

D: (-3 points) If there are more severe problems, such as windows that are popping up without content of labels that are not shown

Fail: severe problems such as the GUI blocks or you cannot go back to the beginning of the interaction state

3) Errors and exceptions

A: if no run time errors or exceptions

B: (-1 point) If you got one or more run time error or exception but the application is still running.

C: (-2 points) If many errors or exceptions are raised.

Fail: There are many exceptions and the application cannot be used.

4) Code structure

A if the code is well written and well structured (e.g., a reasonable number of classes is used and the naming conventions are applied)

B (-1 point) if the student has not created a reasonable set of classes or the code is messy with strange names and unclear method calls

5) Fix to Start:

Fail: If the application does not start or some necessary files are not found.

In addition to the points from the project, the students may get up to 2 points from the lab assignments (explained in the lab 1) up to 14 points.

Formula for the project evaluation:

Project mark = 14 - negative points

Final mark = min(Project mark + lab points, 14)

Example:

A student gets the following scores:

Functionality: A

User Interface: B(-1)

Exception: C(-2)

Quality of the Code: A

$14 - 3 = 11$

Final mark: $11 + 1$ from lab assignments = 12