

Assessment 8 - Flex 350 Final Project

Your final project will be to develop a basic software application based on a real-world problem of your choosing. You will create an original Python program using the code you learned in class. Please submit the following content along with the working and completely tested code.

Introduction of your project

- Project Name
- Background
- Why is the project being undertaken? Describe the opportunity or problem that the project is to address.

Goals

- Describe specific goal(s) of your project.

Scope

- What will be the end result of the project?
What is out of scope?

Program Design

- Describe your program's input(s), output(s) and associated process(es). You can text and formula, or may also use a flowchart, structured English or any other standardized visual methods.

Program Documentation

- Document how your program behaves to the user

All of above components must be turned in to the Drop Box as multiple, separate files. Note: remember that you can only submit to the drop box once. After that, the drop box closes. Therefore, make sure you have completed all of the components of this project and are ready to submit everything at the same time.

Coding Requirements

- Your program must use at least a certain number of concepts from this course. You must pick a certain number of concepts from each category below, as stated. This is not a limitation, however. You may use more concepts if you wish.

Beginning Concepts Pick Three	Intermediate Concepts Pick Three	Advanced Concepts Pick One
<ul style="list-style-type: none">• Numeric Calculations• Variables Operators• Mathematic Calculations• Exception Handling	<ul style="list-style-type: none">• String Manipulation• Decision Structures• Repetitive Logic• Functions• Classes	<ul style="list-style-type: none">• External Data• MySQL Database

Your grade for your code will depend on the inclusion of these concepts, along with how error-free the code executes.