

# Professional Achievement Points Project - MIS3501

## Sonny Shines – Quote Generator

---

### Read this first

This project is being offered to MIS3501 students who are looking to earn additional MIS professional achievement points. This project is not extra credit. Participation in the project will not improve or reduce your grade in MIS3501. This project is optional. You don't need to do this project if you don't want to. The incentive for doing this project is MIS professional achievement points, and the joy of learning/applying a new skill: programming.

If you take advantage of this opportunity you may earn 0, 25, or 50 portfolio points based on my evaluation of your work.

### The project

The Sonny Shines window washing service wants to give its customers a fast way to obtain a quote for upcoming projects. Provide prospective customers of the Sonny Shines Window Washing service with a quote calculator.

The calculator should:

1. Collect the number of first story windows that need to be washed.
2. Collect the number of second story windows.
3. Collect the number of third story and higher windows.
4. Calculate the cost of the window washing service using the following rules (first floor windows cost \$3.50 a window. Second story windows cost \$7.00 a window. Third story and higher cost \$10.00 a window.

And ... if the customer likes the quote and wants the work done ... collect the customer name, phone number, email address and the street address where the work is to be done. Store all that in a database. Store the dates when the request was made, and when the customer wants the work done.

Give employees of Sonny Shines a way of generating a report of these prospective customers.

**(Continued)**

## Evaluation and Warnings

Please note the following points:

1. I will not accept submissions from teams. You are not to share your code with another student. If I find you have done this, then both students will receive 0 portfolio points and you will have both wasted your time.
2. You are to write an original solution to the problem from scratch.
3. You are not to repurpose code from other sources (this includes other students and online resources). If I find that you have copied code from another source, then you will receive 0 points for your work, and you will have wasted your time.

The above three points should be abundantly clear. Disregard for any or all of the three points above may, at my discretion, result in further disciplinary action above and beyond the 0-point penalty. (For example, escalation to the Undergraduate Disciplinary Committee and remarks on your academic record.)

When your solution is complete, email me the working URL to your Sonny application, deployed on the class server. Also include a short description (no more than a few sentences) if you added any special features to the project, or want to draw my attention to anything that makes your solution unique.

The subject line of the email should be simply "SONNY".

Again, do NOT send me code. You are to upload your work to the class server and email me the URL.

I will evaluate the submissions, and award 0, 25, or 50 portfolio points based on the quality of your work.

Your submission is due by the end of the day on Friday 4/24/2018