

Jeremiah Rieke
SDEV140
M08: Final Project
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User Manual

For

3D Estimator

Thank you for using 3D Estimator! This is a simple program to allow users to generate cost estimates for custom 3D design and print work.

Once you have opened the application you will see four text fields at the top of the new window.



The screenshot shows a window titled "3D Estimator" with a standard macOS-style title bar (red, yellow, and green buttons). Inside the window, there are five text input fields arranged vertically. The labels for these fields are: "Company Name:", "Customer Name:", "Customer Email", "Customer Phone Number:", and "Project Name:". Each label is followed by a text input field.

Please take the time to fill in each field. This is important to ensure that you can retrieve the correct data at a later date.

Once you have completed filling in the customer information you will need to fill in the number fields that will be used to calculate the total project cost.

Design Cost:	<input type="text" value="50.0"/>	Design hours:	<input type="text" value="10.0"/>
Print hourly cost:	<input type="text" value="1.13"/>	Print hours:	<input type="text" value="8.0"/>
Material cost:	<input type="text" value="0.07"/>	Material Required in Meters:	<input type="text" value="10.0"/>

Please note that current costs

associated with Design, Hourly Print and Materials have already been populated with current pricing structure. These may be modified by the user by simply typing in the appropriate box.

Fill in the “Notes” box with any relevant information that you wish to include with the estimate. This could be items such as explanations of unusual materials costs, extended print or development times, etc..

Notes:

Now click on the “Estimate” Button.

Estimate

After clicking on the “Estimate” button, you will notice that the bottom text box has been populated with your estimate text.

Cut and paste estimate into email

Estimate for Custom 3D Design and Print Job

Mike
mike@ivytech.edu
(812) 555-1212

Estimate cost for Custom Design work: \$500.00
Estimated cost for 3d Printing: \$9.74
Total Estimate cost is: \$509.74

Thank you for your business

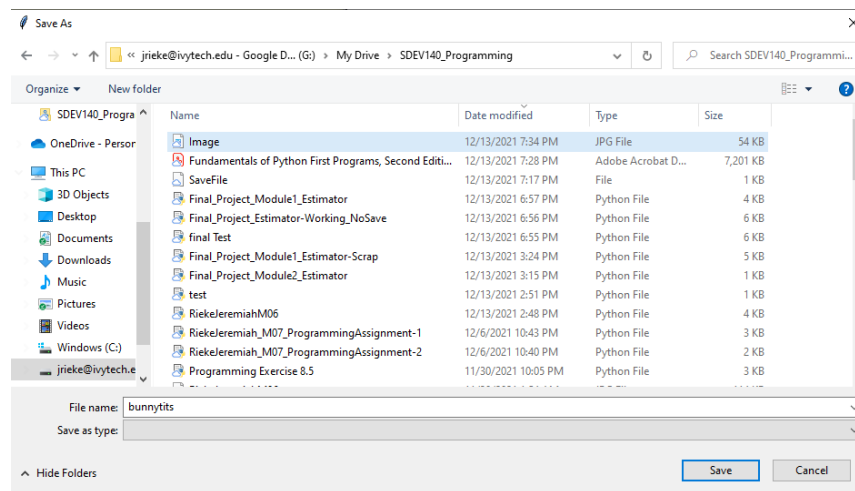
Sincerely
Jeremiah Rieke

You may use this to cut and paste directly into an email and then forward it to your customer.

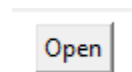
Once you are satisfied with the results, click on “Save As”

Save As...

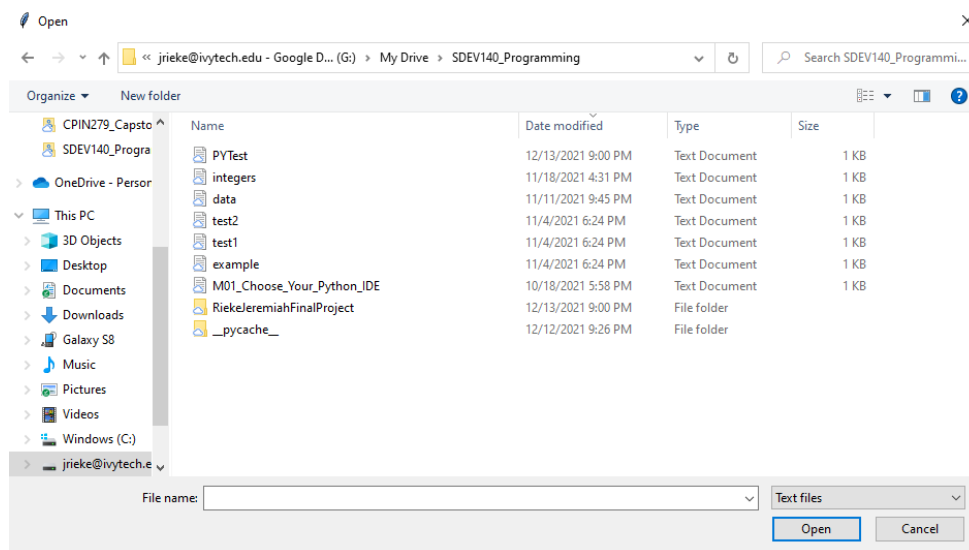
This will open a new window that will allow you to name and save your file



If you have an estimate that you would like to open in 3D Estimator, simply click on the “Open” button at the bottom left hand area of the app.



This will open up a new window that will allow you to choose a previous estimate and load it into the estimate text window.



Once you have opened your estimate, you may edit it directly in the text window as it will remain unlocked until you close the program. Any changes you make to the estimate will not be saved unless you click on the “Save As” button.