

Assignment 5:

Use a **Two-Page IPO Model** to collect information from a HTML form and pass them to a PHP program to produce the outputs as per requirements.

The **first-page** contains a HTML form. The form has the following inputs with labeling:

(Use proper elements and attributes to validate inputs):

- Customer name - string
- Customer email address - string
- Use <selection> to pick a room from these options: Bedroom, Family Room, Living Room
- The dimension of the three sides of the room in square feet:
 - Side One - number
 - Side Two – number
 - Side Three - number
- Using a colour box to pick the colour for the room
- Use <selection> to pick a type of paint - Standard Paint (\$34.99 per can) or Premium Paint (\$45 per can)
- A button to submit and send the information to the **second-page**.

When the form is submitted, the data from the form (i.e. the "parameters") is sent to the **second page**, a PHP program PROCESS the inputs and OUTPUT the following:

- Customer name and email address
- The room to be painted
- The total square feet of the room based on the dimension of all the walls
- A colour swatch showing the colour the customer picked
- The number of cans of paint that are needed to paint the room based on each can covering approximately 350 sq ft of wall space (rounded up)
- The final price = total square feet of the room / 350 sq ft * cost per can of paint + 13% GST

Web Programming – SYST10199

Submission:

- Submit a zipped copy of the assignment folder to the **Assignment #5** Dropbox on SLATE (**e-mail submissions will NOT be accepted**).
- Upload your files to your cPanel account.
- Provide the link, login/password (if applicable) to your cPanel program in the comments area of the Dropbox. **50% will be deducted for missing cPanel link.**
- Assignment can be submitted for up to 3 days after the due date with 10% penalty per day. After 3 days the assignment will no longer be accepted.
- Only the last submission is marked.
- This assignment must be completed **individually**. Any attempt at cheating on the assignment will result in a grade of zero. Please refer to the [Academic Dishonesty Policy](#).