

How to use Project Builder to create a web page for your BME design project

To begin

Go to:

<http://homepages.cae.wisc.edu/~bmedesgn/>

and hit BME Project Builder near the bottom of the page. Alternatively, go to:

<http://cgi.cae.wisc.edu/cgi-bin/cgiwrap/bme402/projectBuilder.cgi>

to navigate directly to the login page.

Most of the content is self-explanatory. Below are procedures for non-self-explanatory tasks in Project Builder.

Posting an image

Near the bottom of the page, go to the Images section with the Upload image: text box, click on Browse..., and find your image file. This file should have the extension of .jpg or .gif. Please do not use other file types, such as .bmp and .tif files. These file types are too large for proper web design.

Make sure that your file name doesn't contain spaces. If your file name contains spaces, Project Builder will fail to display the image. Use underscores (_) in place of spaces. Your file name cannot contain the following: / \ : * ? " ' < > |

After you have selected your file, submit the page by clicking the Submit button at the bottom of the page. Clicking this button uploads your image onto the CAE server.

Now you can place the following html code in either the Project Statement or Project Status text boxes:

```
<img src = "images/filename.jpg" alt="This is a picture" height = 180 width = 270 />
```

filename.jpg is the exact name of the file that you uploaded at the bottom of the page. This code* is case-sensitive, so every lower-case/upper-case letter matters. alt is the text that is displayed when a user holds the mouse over your image. You should always include alternative text. And height and width are the dimensions of your image in pixels. Always resize your images to appropriate dimensions. Please see the separate images tutorial for resizing images in Photoshop.

***Note: Do NOT copy and paste the above HTML. Other applications don't recognize Microsoft Word's quotation marks. Type this code out!**

Again, submit your work by clicking the Submit button at the bottom of the page. After you submit the web page, your image should be displayed.

*Note: Never allow text to run into an image. You can prevent this by pressing the enter button twice and then entering the above code. Before continuing your text, hit the return button twice after the above code.

Adding a hyperlink

In either the Project Statement or Project Status text boxes, type (**Do NOT copy and paste the HTML!**) the following html code:

```
<a href = "http://www.google.com"> Google </a>
```

where the http:// is absolutely necessary. I recommend just copying the link from your browser. In the html code above, Google is the word or phrase that will be hyperlinked.

To create a hyperlink to an email address

Type the following code in either the Project Statement or Project Status text boxes:

```
<a href=mailto:alwentland@wisc.edu> Andrew </a>
```

where mailto: is necessary before any email address and Andrew is the text that will be hyperlinked. Clicking on this link will open your default email client (e.g. Outlook) to write an email.