Garnet Hill
delight by design™

Developed out of a specific need to solve a confusing spreadsheet problem, my database project fulfilled its goal. This robust, PHP/database driven web-based application for Garnet Hill allows for multiple users to update information on current and past seasons and tracks creative banners used on their web site.

delight by design™
Garnet Hill

Left wireframe (empty interface):

Product #

Catalog Page #

Design Image Direction ☐

Design Copy ☐

Banner Name

Skinny Banner Name

Main Category   ALT Text ☐   CMC Name

Sub Category

Link to:

Tree Category

New Record   SAVE   Save as NEW   Next

PROOF NOTES 1 ☐   PROOF NOTES 2 ☐   Final Notes ☐

Upon creation of a **"NEW RECORD"** the user will see the empty interface as shown above.

The large empty area at the top will be populated with an image reference of the photoshop file once creation begins.

Check boxes next to the text areas can be used to signify if the copy has been approved. If the check box is not checked it means it is still being worked on. This could be used as a reference for edits and work flow. This functionality may be cumbersome or redundant and not be necessary.

Check boxes in the **PROOF NOTES** should be reserved to signify implementation of the changes requested.

Right wireframe (populated interface):

SAVE $40 *Oversized Boatneck Sweater*
NOW $98 (will be $138) through August 21. An instant classic in six shades of merino wool and cashmere. Wear it your way!

Product #
27144

Catalog Page #
141A_F12

Design Image Direction ☑
Oversized Boatneck Sweater. Now $98. Save $40. Discuss different colors.

Design Copy ☑
SAVE $40 Oversized Boatneck Sweater Now $98 (will be $138) through August 21. An instant classic in six shades of merino wool and cashmere. Wear it your way!

Banner Name
☑ 1wf-bnr-sweater-boatneck.psd

Skinny Banner Name
☐ N/A

Main Category   ALT Text ☑   CMC Name
Womens Fashion

Sub Category   SAVE $40 Oversized Boatneck Sweater Now $98

Sweaters   Link to:

Tree Category
N/A

Previous   Next
New Record   SAVE   Save as NEW

PROOF NOTES 1 ☑
Use the on model image as shown on catalog page as referenced. Pick up the purple color for the text background color

PROOF NOTES 2 ☐
Fix error in spelling within the copy. Lorum ipsum yadda yadda yadda.

Final Notes ☐

Second round of edits and proofing can be expressed with the **PROOF NOTES 2** if needed. Again the check box remains open until the image is updated.

This second phase of edits may come BEFORE the image is updated to reduce the redundant "open/close" process of editing the photoshop file again and again. The changes CAN BE completed, however, and not interrupt the work flow.

Using prototype development software I mocked up a few wire frames of example layouts for the database. Early in the process we knew we wanted the project to fully replace the spreadsheet in use so it had to accommodate dynamic edits from multiple users on various machines in the building. Web based using PHP was immediately chosen.

delight by design™
Garnet Hill

Current spreadsheet cell/row information

	A	B	C	D	E	F	G	H	I
1	auto_file-name	cat	sub	subsub	message	item_num	item	link	skinny
2	10wf-05new-01	WF	New Arrivals	x	New Arrivals - Transition - Summer/Fall - Editorial Copy	x	Color block	NO LINK	x
3	10wf-00pr-lucky-cat	WF	Lucky Picks	x	As we've done before - Lucky Pick/what they picked/why	x	x	NO LINK	37 - See more Lucky Tips/Info on Threads/Sign up for Tipsy

Upload new csv file

The csv file to upload must meet the table scheme requirements of the

	A	B	C	D
1	auto_file-name	cat	sub	subs
2	10wf-05new-01	WF	New Arrivals	x
3	10wf-00pr-lucky-cat	WF	Lucky Picks	x

All data set files created from the site-design document will meet this

File name to import:
Browse… No file selected.

New Season Name:
(letters, underscore and and numbers only. No spaces or special characters allowed.)

Upload

Process notes from week 2:

A specific goal for the use of the DB has been established:

Replace our current use of the spreadsheet with this interface. The spreadsheet will not be deprecated, however, our use of it to generate the HTML snippets for the marketing team will end. In place of the spreadsheet will be this DB project, and the ability for it to generate a robust proofing interface complete with code snippets for them to use as needed.

Currently our process includes the creation of a .csv file for the generation of .PSD templates using the data-set import/export feature within Photoshop. Our next goal for this project is to allow an admin user (myself) to read in this .csv file and create a new database table with its contents. This will be the starting point for populating the database, which will in turn, populates our interface with the specific information needed for each season's creative.

The project outlook calls for the ability to process this information as follows:
The interface will allow a user to select any of the database tables available, or create a new one. Once the table (season) has been selected, edits to the table will include adding additional columns and rows to round out the entire need of the project, and generate an html snippet for use further down the production line.

In addition I have started prototyping with Axure RP and we have established some basic interface needs and development plans for the entire project. A possibility of creating a secondary table with the navigational elements for the web site has been proposed. At this time, the navigational table isn't critical for completing the next phases goal, but designing for it to be placed into the project as a new phase/module is definitely in the plans.

The work flow had a step which produced a .csv file for generation of template .psd files. This file was to be the basis of the database table schema, and ground zero for development. Step one was to create a script that read in the file, and turned it into a table within the database for access later.

delight by design™
Garnet Hill

July 24th Milestones:

August 7th Milestones:

Milestones met:

- Connect to a DB
- Create a new table (season) and upload a csv file into the database
    - Remove unused rows (marked as 'x' in original csv) from the newly created table
    - Remove existing column for autokey and create new one
    - Clean up primary key column and renumber all rows as needed
- Download an existing csv from the database
- Select and view a single tables (seasons) that has been uploaded
- View individual records within each season
- Navigate "previous" and "next" through the records within a single season
- Navigate out to parent table from within single record
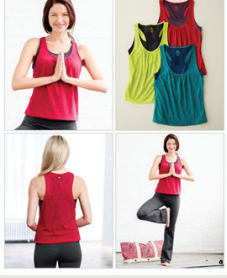
Functional Tasks to continue with:

- "previous" & "Next" functionality for start and end of table (loop around to last/first record?)
- "Total records" count and display of "Item X of XX" for season navigation
- Sort by category option
- Reorganize/reconfigure export csv? – match current usage set up
- Save records (upon edit)

New Milestones met:

- "previous" & "Next" functionality for start and end of table (loop around to last/first record?)
- "Total records" count and display of "Item X of XX" for season navigation
- Save records (upon edit)
- Banner image display
- Product id images displayed
- Intial layout of single record page

Functional Tasks to continue with:

- Sort by category option
- Conditional detection within the code output
- Search function (by product ID, description, notes)

As development continued I quickly moved away from the single html table layout (left) and moved into a more useful display layout of the single record (right) In addition to adding functionality as shown in the above lists, I started to implement css rules for stylizing everything.

August 21st Milestone:

File Name	Category	Sub Cat	Sub-Sub	Item #	Description	Link	Alt	Skinny	Notes	Xtra1	Xtra2
! -- IGNORE ME -- !	WF	wf	WOMEN'S FASHION	THIS IS THE TOP ROW	x	! -- IGNORE ME -- !		! -- IGNORE ME -- !	DRAG FROM THIS ROW DOWN		
00pr-smartbuys-global	-OTHER-	Smart Buys for Back to School	x	x	x	Global_Espot		x	x		
10wf-00pr-smartbuys-skinny	WF	x	x	x	20 - Shop all Smart Buys for Back to School	ITEM		20 - Shop all Smart Buys for Back to School	x		
30gc-00triedtrue-cat	GIRLS	Smart Buys for Back to School	x	x	Update with new name/end date (Sept 9)	x		x	Color Block		
30gc-01newarrivals-01	GIRLS	New Arrivals	x	x	Update with 'Packed with Fun' Copy	x		x	Color Block		
30gc-27coats-01-32043	GIRLS	Coats & Jackets	x	32043	Coats/Jackets - Line list Washable Faux Shearling Hooded Coat	item		x	Faux Shearling hooded coat		

As the need for more information on screen came up, I decided to put back into the php output the `for loop` that displayed the entire table information. I put in the loop after the main element so a user can quickly see the other creative items within that season. I also added styling to the key buttons for saving, deleting, creating and copying.

delight by design™

Garnet Hill

September 24th Milestone:

Though the internship is over for this project, I continue to develop and refine the system adding in new functionality as needed. Most recently I have added in the ability to "dump" the HTML output into a single selectable column, as well as update the html output dynamically within the interface based on the type of link the banner is.