**Year 10**

**IST**

14

**St. Joseph’s College**

Project Process Journal

Jordan Lewis

The process journal of the Year 10 IST Major Project for Semester 2.

08

**Fall**

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# Week 1: Term 3 Week 8

## Monday 01 September 2014: First Day on the Project

Started making relevant documents:

1. Project Plan
2. Project Evaluation
3. Project Process Journal

Got up to Basic for each of the documents.

Started working on the plan, but got distracted by Mr. Clark monitoring students on LanSchool. Put hex colors for plans. Working on goals.

Put this into Project Process Journal.

Started on the HTML with a general idea to visualize. Got the article and aside working fine in about 10-20mins. Had some issues with centering the elements but got it to work by changing the .container margin-left and right to 10% instead of auto. Took a screenshot and is in the Journal Images Folder.

Created an Information Document with proper formatting.

## Tuesday 02 September 2014: Working Hard

Added some more greekings.

Added from my template, the required CSS files to make the header and footer look nice (skeleton, base, reset, layout). Renamed my base.css to style.css.

Added fonts to the links part of the global-elements.js

Renamed index.html to home.html in the html folder, then created a new html document named index.html at the root of the website which redirects to the home.html on load.

<http://stackoverflow.com/questions/5411538/how-to-redirect-from-an-html-page>

Formatted the h1 in article to look nice, with a bottom boarder.

Just general work on the layout/visuals of the website. Ran into some very annoying problems when trying to use my global-elements script to add other scripts to the website DOM. Fixed this when I found this: <http://stackoverflow.com/questions/17022222/appending-script-src-script-to-head-based-on-screen-width>

Now, I have a header that hides when not needed and returns by using the headroom script.

Created all the required webpages to get exceptional. The header looks bad at the moment so needs fixing. Cannot seem to fix at the moment.

Fixed the header by copying certain portions of the template. Ran into an issue where the footer did not for some reason go across the whole bottom. Fixed by setting the margin and padding of the body to 0.

Then the fonts stopped loading, fixed this by copying the sections in the template where the fonts are loaded into my css file.

Added an up arrow to the website to take to the top.

Once happy, I split up the style.css into other separate css files having to do with separate components of the website. Started the accordion in the Anatomy of a Computer.

## Wednesday 03 September 2014: Playing the Accordion

Predominantly working on the accordion.

Made the accordion look nice in the Anatomy of a Computer section of my website.

Ran into an issue where the bottom border of the accordion head wouldn’t show. Mr Clark couldn’t help me (which is starting to bother me). Fixed it by adding a margin to the bottom of each list item in the accordion unordered list.

Renamed the sections of the accordion accordingly to computer part names.

Got relevant pictures for computer parts.

Slowly started adding the pictures to each of the accordion sections.

Ran into an issue where the ElevateZoom element gets placed above some of my website on the top left hand corner, acting as a glass screen, which meant I couldn’t interact with the elements beneath it.

Fixed that by activating each of the image’s elevatezoom when it is visible/clicked.

Added arrows to the headers of each accordion section.

Ran into some issues when trying to dynamically change the arrow direction via JavaScript. Fixed this by using↓↑ instead of &darr; or &uarr; respectively in the script.

## Thursday 04 September 2014: Not much today

Found a W3Schools on how to drag and drop

<http://www.w3schools.com/html/html5_draganddrop.asp>

Found a better tutorial

<http://www.html5rocks.com/en/tutorials/dnd/basics/>

# Week 2: Term 3 Week 9

## Monday 08 September 2014: Planning

Working on the Planning, started the storyboard.

Gave Wireshark to Mr. Clark

## Wednesday 10 September 2014: Happy Birthday Mr. Sidgreaves

Made a small website for Mr. Sidgreaves’s birthday.

## Thursday 11 September 2014: Fixing People’s Problems

Started and Finished the To-do List

Finished the Storyboard, not sure what Mr. Clark meant when he said add labels though

Started the Gantt Chart

Fixed Jeff’s Accordion and ElevateZoom issue which I had and save Mr. Clark about 30mins to 1hour of his life, done by enabling elevate zoom on the image inside the content when the accordion is toggled.

Then Fixed Drapac’s $ does not exist error by importing the jQuery library that Mr Clark could not spot (fixed in under a minute).

Gave Mr. Clark Window Magnet and Brackets.

Spent 30mins trying to add a navbar to Patmore’s input page but couldn’t. I hate Dreamweaver and working on other peoples projects that are generated, not hand coded.

## Friday 12 September 2014: New Ideas

Heard from Joshua Agostino, what he will be doing with his home page: use large links to take to other pages with content. Told him my idea of making the index.html redirect to the home page on load.

Started to implement the new idea – Screenshot attached.

Ran into an issue with the centering, fixed when I found out that the container’s 90% width was not recognized as 100% by the child big nav. So instead of width 30% left and right margin 35%, it became left and right margin 30%.

Added a translate transition to each of the big navbar items.

Courtesy of:

<http://www.w3schools.com/css/css3_transitions.asp>

<http://www.kirupa.com/html5/animating_movement_smoothly_using_css.htm>

Bit of an issue with the text not being centered when hovered over, something to fix later.

Another issue is that the clickable space is quite thin in the big nav, where the <a> and <p> are.

Also while working, Patmore came and asked to try to fix the nav bar from yesterday, got pretty far but some weird slate grey colors where showing up instead of what it should be.

## Sunday 14 September 2014: Gnatting

Finished the Gantt Chart. Followed the YouTube Video Tutorial.

That's it.

# Week 3: Term 3 Week 10

## Monday 15 September 2014: The new Homepage

Finished the new homepage

Nice animations and everything

Found out about how to implement the level up scaffold into the project plan.

Ran into some issues in the javascript to do the load animation (fade in chronologically).

<http://www.sean.co.uk/a/webdesign/javascriptdelay.shtm>

<http://stackoverflow.com/questions/3583724/how-do-i-add-a-delay-in-a-javascript-loop>

Fixed it my own way.

Then played with the marqee tag

<http://www.tutorialspoint.com/html/html_marquee_tag.htm>

Decided to add a header and a footer, both thin to bring focus to the main links

## Tuesday 16 September 2014: Super fancy homepage

Started and Finished adding the raining circles to add effect to the rather boring homepage.

Looks outstanding.

Ran into some issues with removing the circles once they reach the bottom of the screen. Fixed this by changing circle.remove(); to $(this).remove();.

Started by having set css classes which will be applied to one object, but as progress went on, got rid of them and stayed with a single .circle class. When the circle elements are created, a series of random number generators are used to randomize the size, speed, and location of the falling circles.

Circles are hoverable and change color when hovered over.

Websites used are below:

<http://api.jquery.com/animate/>

<http://codeitdown.com/css-circles/>

<http://davidwalsh.name/css-circles>

<http://webdesign.about.com/od/css/qt/tipcssmulticlas.htm>

<http://www.w3schools.com/jsref/jsref_random.asp>

<http://stackoverflow.com/questions/1527803/generating-random-numbers-in-javascript-in-a-specific-range>

<http://www.w3schools.com/js/js_switch.asp>

<http://stackoverflow.com/questions/7335444/css-disabled-scrolling>

Worked on the Project Plan, went to the Explanation Level on each part of the plan.

Started working on the content of the IPO page. Copied in a lot of information from Prac B but not quite done yet. Ran into a slight issue with the second accordion. Fixed it by adding a clear div between them. Thinking of changing to a table instead of an accordion, since there is not much text in the accordion to make it worthwhile. Also need to do some more CSSing to make the headers look right in both the article and the aside.

## Wednesday 17 September 2014: CSSing

Fixed a computer in the computer lab.

Split up the body.css into rain.css, home-page.css, accordion.css and kept the body.css with styling relevant to most pages.

Fixed up the h1 in the aside.

Fixed up the h2 in both the article and aside.

Everything is looking good.

Made the aside an accordion on the IPO Page.

Changed the colors for the accordion in the aside to color match.

Now have a main accordion format section and an article and aside section for the coloring.

Nearly finished the IPO Section, just need to add the IPSCO Model Diagram.

Started adding pictures to the Storage and Processing Section.

Copied the relevant data into the processing section.

Uploaded Week 10 Work Upload.

# Week 4: Holiday Work

## Thursday 18 September 2014: Working hard into the Holidays

Changed the highlight color for the website according to the color scheme in the article and the aside.

Did a lot of content work on the Storage and Processing and Anatomy of a Computer Sections.

Made a lot of changes to the Anatomy of a Computer Section, at one point, removed the aside, but later decided to put it back. Screenshots are attached.

Added a YouTube Video to the aside and a diagram on the Anatomy of a Computer.

Links used are listed below:

* <http://en.wikipedia.org/wiki/Read-only_memory>
* <http://css-tricks.com/overriding-the-default-text-selection-color-with-css/>
* <http://en.wikipedia.org/wiki/Computer_data_storage>
* <http://www.computerhope.com/jargon/p/primstor.htm>
* <http://www.computerhope.com/jargon/s/secostor.htm>
* <http://en.wikipedia.org/wiki/Motherboard>
* <http://en.wikipedia.org/wiki/Central_processing_unit>
* <http://en.wikipedia.org/wiki/Coprocessor>
* <http://en.wikipedia.org/wiki/Hard_disk_drive>
* <http://www.techterms.com/definition/controllercard>
* <http://en.wikipedia.org/wiki/Video_card>
* <http://en.wikipedia.org/wiki/Power_supply_unit_(computer>)
* <http://www.computerhope.com/jargon/e/expaslot.htm>
* <http://en.wikipedia.org/wiki/Bus_(computing>)
* <http://www.computerhope.com/jargon/b/bus.htm>
* <http://www.computerhope.com/jargon/i/ioport.htm>
* <http://www.computerhope.com/jargon/h/harddriv.htm>
* <http://www.computerhope.com/jargon/r/ram.htm>
* <http://www.maxdesign.com.au/articles/center/>
* <http://stackoverflow.com/questions/7041927/how-to-set-auto-margin-boxes-in-flexible-width-design-using-css>
* <http://www.silversurfer-guide.com/lesson_2.html>
* <https://www.youtube.com/watch?v=W9T6WGFmam0>
* <https://www.youtube.com/watch?v=5QRoX2aMVrc>

Plan to add the dust video to the computer maintenance page.

## Friday 19 September 2014: MOOORE VIDEOS!

Added a heap of videos to the Anatomy of a Computer Page. YouTube videos used are listed below:

* <https://www.youtube.com/watch?v=_0ZtFrh_q_g&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=7>
* <https://www.youtube.com/watch?v=GLSPub4ydiM&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=6>
* <https://www.youtube.com/watch?v=pGN1na3F5do&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=38>
* <https://www.youtube.com/watch?v=uSTh_N7_fwI&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=29>
* <https://www.youtube.com/watch?v=bcVBqwlnmlM&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=25>
* <https://www.youtube.com/watch?v=H4ryOzIZvpQ&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=24>
* <https://www.youtube.com/watch?v=rC-ImSeYn2A&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=17>
* <https://www.youtube.com/watch?v=U5Npt1BSF04&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=8>
* <https://www.youtube.com/watch?v=YQEjGKYXjw8&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=51>
* <https://www.youtube.com/watch?v=nQIB5qcl3R8&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=47>
* <https://www.youtube.com/watch?v=Tbeh1eRDmsk&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=45>
* <https://www.youtube.com/watch?v=LSSHuMHbCWo&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=90>
* <https://www.youtube.com/watch?v=dOXTZizoknc&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=79>
* <https://www.youtube.com/watch?v=vc8G5_sW8lk&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=72>
* <https://www.youtube.com/watch?v=jQRIzgEVsjI&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=68>
* <https://www.youtube.com/watch?v=0FL_TextgAQ&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=58>
* <https://www.youtube.com/watch?v=BWr5Mb9cp38&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=85>
* <https://www.youtube.com/watch?v=-D8fhsXqq4o&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=84>
* <https://www.youtube.com/watch?v=BvuGifhoBvY&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk&index=94>
* <https://www.youtube.com/watch?v=csqnK_CwKrQ&index=78&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=FI0JmKp1v4U&index=65&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=wnS50lJicXc&index=59&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=RPmDSYRKnXM&index=57&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=c3BKuNXdM5A&index=55&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=cxc6cb3_y0w&index=56&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=pbgvzVgfoSc&index=44&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=dZcszUj5szA&index=32&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>
* <https://www.youtube.com/watch?v=YfcYPyxXVCo&index=62&list=PLQMVnqe4XbictUtFZK1-gBYvyUzTWJnOk>

Embedded a slideshows into the Computer Maintenance Page on the fundamentals of troubleshooting.

<http://www.slideshare.net/ricsanmae/troubleshooting-and-maintenance-fundamentals>

<http://www.slideshare.net/katjeruls/computer-hardware-troubleshooting?related=1>

Also embedded YouTube videos into the aside.

* <https://www.youtube.com/watch?v=W9T6WGFmam0>
* <https://www.youtube.com/watch?v=HsgodSeRdWA&list=PLF1CC814A59FF59DE&index=1>
* <https://www.youtube.com/watch?v=fuGwPnWrpow&index=25&list=PLF1CC814A59FF59DE>
* <https://www.youtube.com/watch?v=LgTM6VrEhKQ&index=36&list=PLF1CC814A59FF59DE>
* <https://www.youtube.com/watch?v=5Wu95L0LHW4&list=PLF1CC814A59FF59DE&index=33>
* <https://www.youtube.com/watch?v=tASvbnODtq4&list=PLF1CC814A59FF59DE&index=4>

Started and I think finished the Gaming PC vs Office PC.

Used the following links for the computers.

* <http://www.pccasegear.com/index.php?main_page=product_info&cPath=1411&products_id=28898>
* <http://www.pccasegear.com/index.php?main_page=product_info&cPath=1411&products_id=29004>
* <http://www.pccasegear.com/index.php?main_page=product_info&cPath=1411&products_id=28337>
* <http://www.dell.com/au/business/p/optiplex-3020-desktop/fs>

Ran into some issues with the table CSS, didn't know how to make the table look like a table instead of a bunch of boxes. Fixed this by adding this to the CSS.

border-collapse: collapse;

Used the following links for the table CSS formatting.

* <http://www.w3schools.com/html/html_tables.asp>
* <http://www.w3schools.com/css/css_table.asp>
* <http://www.w3schools.com/tags/tag_col.asp>

Added images to the side in an accordion to save vertical real estate.

Ran into an issue with elevate zoom on the right side of the screen. Places the zoom window off out to the side of the screen, making most of it out of visibility.

## Saturday 20 September 2014: Working on in a budget

Did research on computer parts.

Made a spreadsheet with all the components.

Made several changes to the parts list but not made the most of the budget.

I knew PC Case Gear has the cheapest parts for computers in Australia so all the PC Parts will come from them.

<http://www.pccasegear.com>

Researched what should be in a LAN Party – esp networking. Links below:

* <http://www.wikihow.com/Host-a-LAN-Party>
* <http://www.lifehacker.com.au/2013/05/ask-lh-how-do-i-set-up-a-lan-party/>
* <http://www.lanpartyguide.com/lansetup.html>
* <http://www.makeuseof.com/tag/the-ultimate-guide-to-setting-up-an-awesome-lan-party/>
* <http://www.smallnetbuilder.com/lanwan/lanwan-howto/24248-lanpartyhowtopt1?start=1>
* <http://arstechnica.com/civis/viewtopic.php?f=10&t=1064311>
* <http://en.wikipedia.org/wiki/Server_(computing>)

Once got all the parts needed and made a spread sheet, used this website: <http://tableizer.journalistopia.com/tableizer.php>

to put it into html format. Then found this: <http://www.w3schools.com/html/tryit.asp?filename=tryhtml_table_span>

to merge tds or cells together, kind of like a header for the tables.

Did some slight more CSSing to fix out some small things – esp h4 and h5.

Finished the Frank’s Gaming Café page.

Started drag and drop test on storage types.

Ran into an issue with changing the opacity of the object being dragged when dragged. Fixed by moving the script from the head to the end of the document.

Started and nearly finished the drag and drop section of the website. Ran into many issues but fixed them all. Most of the issues was mixing up the javascript functions with jquery wrappers.

Used the websites below to make and fix the problems:

* <http://www.w3schools.com/html/html5_draganddrop.asp>
* <http://www.html5rocks.com/en/tutorials/dnd/basics/>
* <http://www.w3schools.com/jsref/prop_html_innerhtml.asp>
* <http://www.w3schools.com/dom/met_document_getelementsbytagname.asp>
* <http://www.w3schools.com/js/js_htmldom_html.asp>
* <http://stackoverflow.com/questions/20196088/jquery-remove-first-and-last-character-of-string>
* <http://stackoverflow.com/questions/703984/is-there-a-getelementsbytagname-like-function-for-javascript-string-variables>
* <http://stackoverflow.com/questions/4592493/check-if-element-exists-in-jquery>
* <http://api.jquery.com/children/>
* <http://stackoverflow.com/questions/16615403/css-how-to-draw-circle-with-text-in-middle>
* <http://www.cssbuttongenerator.com/>
* <http://www.w3schools.com/js/js_objects.asp>
* <http://stackoverflow.com/questions/3337367/checking-length-of-dictionary-object>
* <http://stackoverflow.com/questions/6346238/get-jquery-this-id>
* <http://www.quirksmode.org/css/backgrounds-borders/borderradius.html>

## Sunday 21 September 2014: Almost Done

Added functionality to the reset button. Removed auto marking.

Finished making the test your knowledge section.

Moved the Test Your Knowledge Section to the bottom of the storage and processing section.

Added a button that jumps to the bottom test section when clicked to the h1 of the storage and processing section.

Got rid of the global elements from the website and now have all the relevant elements in each html file.

Nearly finished, now to tidy things up.

Added elevate zoom to every picture.

Downloaded and installed shadow box. Made each image usable with shadow

box by wrapping it in a tags with rel=”shadowbox” and a href to the image.

<http://shadowbox-js.com/index.html>

The shadow box seems to be placing the image to the top left and not centering it need to fix this.

Don't know how to fix this.

Finished the website.

# Week 5: Term 4 Week 1

## Wednesday 08 October 2014: LittleThings Inc.

Fixed a small issue with my Drag and Drop Test, which causes the page to jump to the top when an object is removed from the category, fixed by removing the href=”#” from the a tag.

Tried to fix Drapac’s padding and border issues.

## Thursday 09 October 2014: Super Elevate Zoom

Fixed the issue which causes the elevate zoom to go off the edge on images in the aside. Did this by changing the position of the zoom window and the offset. Code sample page below.

<http://www.elevateweb.co.uk/image-zoom/examples>

Also disabled the elevate zoom for the drag and drop test and the ipo model diagram on the main page.

## Friday 10 October 2014: Starting the Evaluation

Started my evaluation. Slowly working through each section in my website.

## Saturday 11 October 2014: The Criticism Continues

Continuing on the evaluation.

# Week 6: Term 4 Week 2

## Sunday 12 October 2014: Not Quite Done With

Continuing on the evaluation.

## Monday 13 October 2014: Nearly There!...

Continuing the evaluation.

Doing the actual Gantt Chart.

Finished the Evaluation and actual progress Gantt Chart.

Helps Will Nielson setup Unslider.

Fixed an issue with Will Nielson’s Accordion Content, placing the text below the image. Fixed it by removing the float: left for the image.

## Tuesday 14 October 2014: The World is Coming to an End!!!

Fixed David Burton’s issue where his elevateZoom did not work for an image, fixed it by giving it a unique ID and activating it.

Help David setup Unslider.

Fixed Will Nielson’s issue with article container parts (top, mid, bot) not quite fitting together.

Uploaded my Plan

Uploaded my Evaluation

Uploaded my Website

Uploaded my Journal