Evaluation for Web

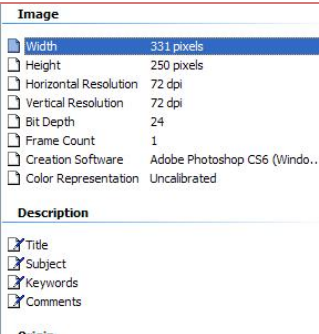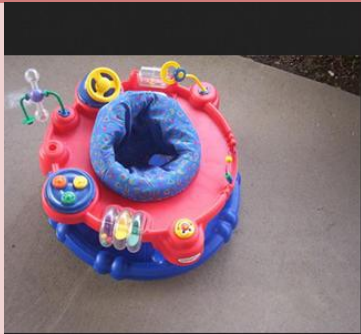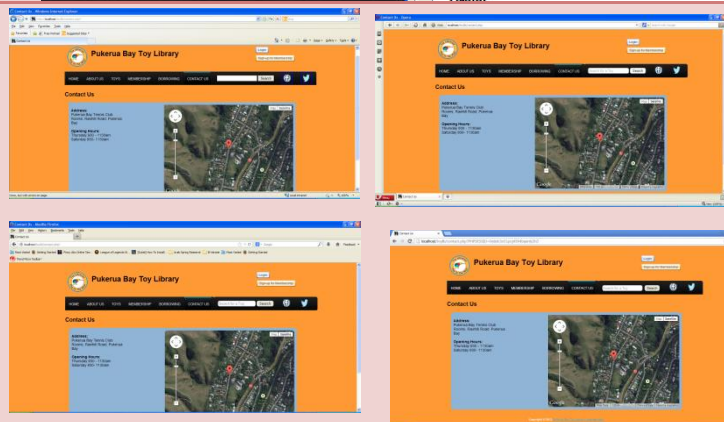| Specifications	Evidence
A page that provides the option for customers to join the Toy Library by filling out a well presented online form	**Sign Up With The Pukerua Bay Toy Library NOW!!!** Personal Information First Name: Last Name: Gender: Male ○ Female ○ Login Information Chosen UserName: Password: Home Address House Number: Street: Suburb: City: Wellington ▾ Contact Information A customer may wish to sign-up to the website and provide their details before going to the toy library to avoid possible long line queues. I have used an orange background with a simple form divided by 'field sets'. This form also pre-populates when a user wishes to edit their details. A customer is also able to change their password through this form. They can provide their email, telephone, mobile and their home address
A page that allows the customers to search for the Toys Library's SQL database though an easy to use web interface	**Search Results** ToyID / Toy / Image / Brand / Category / Age / Price / Gender / Status / Available On: BJT012 / Figure of Eight Train Set - 43 pieces / / Big Jigs / Building / 3.0 / 1.00 / BOTH / IN / AVAILABLE 1G8T5610 / LEGO Set 2012 Edition Release / / Lego / Building / 4.5 / 1.00 / BOTH / IN / AVAILABLE 2HGT32W2 / MECANNO Transformers Toyset for Kids / / Mecanno / Building / 7.0 / 1.50 / M / IN / AVAILABLE A customer may search for toys using the search bar present in every page using the search bar. The search results show the toyID, the toy name, the toy thumbs, the price and most importantly the toy status and availability. The customer can see the results in a tabular form. The search query uses wildcards to find the relevant text entered in the field. This make the query mechanism flexible
A welcome page that outlines what the toy library is situated, what the opening hours are and how it operates.	**Welcome to the Pukerua Bay Toy Library** Playing is vital for your child to learn, and their play needs will constantly change as they develop and grow. Our wide selection of toys includes bikes, trucks, railway sets, jigsaws, dolls etc suitable for infants, toddlers and preschoolers (toys suitable from birth – 7 years old). Membership costs $30 a year. Click here to know more about membership terms and conditions **Contact Us** W **Address:** Pukerua Bay Tennis Club Rooms, Rawhiti Road, Pukerua Bay **Opening Hours:** Thursday 930 - 1130am Saturday 930- 1130am My homepage tells a visitor what a toy library is while my contact page tells a visitor when the toy library opens and where is it at. I have also provided a link to the membership page which explains the toy library terms and condition when becoming a member I separated the contact page as I have to use a Google Map API (limit of 10 000 views per page). The map shows Rawhiti Rd. This also shows the opening hours of the toy library.

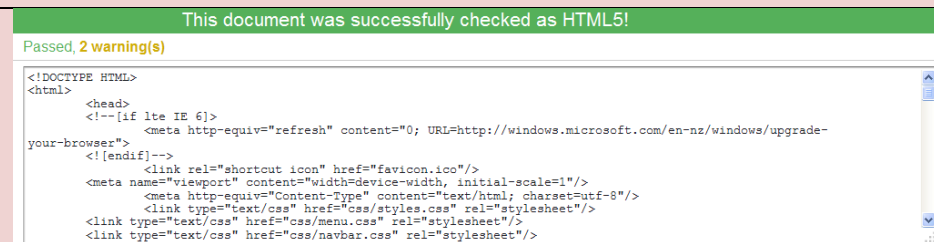|		
Images at the appropriate resolution and size for viewing and loading purposes	**Image** Width — 331 pixels Height — 250 pixels Horizontal Resolution — 72 dpi Vertical Resolution — 72 dpi Bit Depth — 24 Frame Count — 1 Creation Software — Adobe Photoshop CS6 (Windo… Color Representation — Uncalibrated **Description** Title Subject Keywords Comments Origin	All images used in this project has a resolution of 72 dpi and sized slightly bigger than what it needed to – this is to accommodate blurry displayed images. These images will be reduced to the appropriate sizes by specifying the width and height attribute
Work on a range of browsers		Here are screen shots of my contact page using different browsers (IE8, Firefox, Opera and Chrome respectively). I screen dumped this page as the majority of elements used here constitute the 'complex tools and techniques' and this is thoroughly tested.

Have valid code	HTML Validation	CSS Validation
| | This document was successfully checked as HTML5! <br> Passed, **2 warning(s)** <br><br> ```html
<!DOCTYPE HTML>
<html>
    <head>
        <!--[if lte IE 6]>
            <meta http-equiv="refresh" content="0; URL=http://windows.microsoft.com/en-nz/windows/upgrade-
your-browser">
        <![endif]-->
            <link rel="shortcut icon" href="favicon.ico"/>
        <meta name="viewport" content="width=device-width, initial-scale=1"/>
            <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
            <link type="text/css" href="css/styles.css" rel="stylesheet"/>
        <link type="text/css" href="css/menu.css" rel="stylesheet"/>
        <link type="text/css" href="css/navbar.css" rel="stylesheet"/>
``` <br><br> My HTML5 code passed in validation (no errors) | **Sorry! We found the following errors (3)** <br><br> *URI : TextArea* <br><br> 7 — Parse Error [: url (../css3_pie/PIE.htc); /*Generic Styles*/ html] <br> 255 — th.table-sort:hover — Value Error ☺background-image bottom is not a color value ) <br> 341 — .table-sort-search-count — Value Error : background-image bottom is not a color value ) <br><br> I received 3 errors from the CSS3 validator. Verified that background-image: linear gradient syntax is **valid** (?validator did not recognise this?). The parse error is due to my css3_pie extension (target not found by the validator because I cannot upload it into the validator) |

| **Accessibility** | ```html
<section id="slides">
    <img title="train-set.jpg" alt="train-set" src="images/thumbs/train-set.jpg">
    <img title="dora-trike.jpg" alt="dora tribike" src="images/thumbs/dora-trike.jpg">
</section>
``` <br> have title attribute. This displays a tooltip on image hover | There are alt attribute in all my image files. This specifies an alternate text for an image, if the image cannot be displayed. The alt attribute provides alternative information for an image if a user for some reason cannot view it. My images also |
|---|---|---|

Reservation System		I made a simple reservation form for existing members to use. An ordinary visitor will not be able to access this page. This is equivalent to them emailing a toy library volunteer that they want to reserve a toy. The from field is prepopulated with the customer's email address and is disabled for editing. The to field and the subject field is also prepopulated with the toy library's email and the customer's ID number respectively. They will just need to fill up the message box with the toyID and the day/time of pickup
Volunteers can book out toys		Volunteers+ can book out toys. This can be done through the book out toys form. This form is divided into 2 field sets 'Toy and Customer Information' and 'Loan Information'. The volunteers/manager will only need to enter the toyID of the toy and the customerID number of the member who wanted to borrow the toy They will also need to enter the due date for the particular loan and there is a jQuery date widget that will greatly help for this purpose. They can then either select OUT or RESERVED on the status of the loan
Volunteers can book in toys		I have created a page that will handle the booking in process (inchange.php). This page will update the loaned table and the toy table. The only thing that the volunteers need to do is to click the link corresponding to the loan entry or the overdue entry. This will save them all the hassle of filling out another form
Volunteers can view overdue toys every Thursday		I have created a page that will list overdue toys in a table. This will run an SQL query that will select all overdue entries. This makes a volunteers work easy as they can see overdue loan entries at an instant. An entry has a customer's name, telephone, mobile and email so a volunteer can contact them if need be
Toy Manager can update annual subscription and customer balance		The toymanager can update who has paid their membership fee and update a member's current balance using the PHPMyAdmin interface

Toy Manager can add new toys		The toy manager can add new toy through the PHPMyAdmin Insert command. They will need to fill up the toyname, brand, category, age, price, arrive date (for their reference), gender, filename of corresponding image and the status (default=IN) I have decided not to do this over the web interface because it lessens the security risk by not allowing anyone to add toys (hence isolating a possible connection vulnerability) ***Note: everytime a database executes a query, it actually needs to connect to the database
Toy Manager can delete toys		I have created a page that will handle the delete toy process (toydelete.php). This page will update the toy table. The only thing that the managers need to do is to click the link corresponding to the toy list entry. This will save them all the hassle of going into and logging into PHPMyAdmin and deleting the toy entry