Testing

In this part of the report I will supply detailed testing methods that have been completed in order to test if I have a working product that solves the project problem. Due to time constraints not everything about the system can be tested, further information is added when applicable under the test case.

Test Cases

Test Case ID: 1; Registering for a parent account		Test Purpose: Ensure that someone can register for a standard parent account	
Environment:	Windows 7		
Pre-Conditions:	User must not be logged in and on login page		
Test Case Steps:			
Step Number:	**Procedure**:	**Response**:	**Pass or Fail**:
1	User navigates to registration page	User is directed to the registration page	
2	First name entered		Pass
3	Last name entered		Pass
4	Username entered		Pass
5	Password entered		Pass
6	Confirm password entered		Pass
7	Gender selected		Pass
8	Contact number entered		Pass
9	Email address entered		Pass
10	Submit is pressed	User successfully creates a standard parent account on the system.	
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

Test Case ID: 2; Registering for a parent account – error check		Test Purpose: Ensure that correct error messages are generated due to incorrect user input.	
Environment:	Windows 7		
Pre-Conditions:	User must not be logged in and on login page		
Test Case Steps:			
Step Number:	**Procedure**:	**Response**:	**Pass or Fail**:
1	User navigates to registration page	User is directed to the registration page	
2	First name contains numeric values		
3	Last name contains symbols		
4	Username is blank		

5	Password isn't long enough		
6	Confirm password doesn't match password field		Pass
7	Gender not selected		Pass
8	Contact number contains alphabetical characters		Pass
9	Email address isn't in the correct format		Pass
10	Submit is pressed	Error messages generated regarding the incorrect values entered by the user.	Pass
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

NOTE: This check would be performed on all of the fields in the registration form. Also due to time constraints there wasn't enough time to test every field on the registration form due to how many fields there are that would need to be tested. Instead this script simulates if all the fields are incorrect.

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Test Case ID: 3; Login		Test Purpose: Ensure that someone who has a registered account can login		
Environment:	Windows 7			
Pre-Conditions:	User must not be logged in and on login page			
Test Case Steps:				
Step Number:	Procedure:	Response:		Pass or Fail:
1	User enters correct username and password.			Pass
2	User enters correct password			Pass
3	Submit is then pressed	User is then viewing the user home page as a logged in user.		Pass
Comments:				
Related Tests:				
Author: David Manwaring		Date: 02/05/13	Checkers:	Date:02/05/13

Test Case ID: 4; Login – error check		Test Purpose: Ensure that someone who attempts to login with incorrect username/password to receive an error message		
Environment:	Windows 7			
Pre-Conditions:	User must not be logged in and on login page			
Test Case Steps:				
Step Number:	Procedure:	Response:		Pass or Fail:
1	User enters incorrect username.			Pass
2	User enters incorrect password.			Pass
3	Submit is then pressed	User is then presented with a login error fail.		Pass
Comments:				
Related Tests:				
Author: David Manwaring		Date: 02/05/13	Checkers:	Date:02/05/13

NOTE: This script can be re-run in a few different ways; firstly it can be run with a correct username but an incorrect password or incorrect username and incorrect password. Also this can be done with {blank} values and will return a username and password must be entered.

Test Case ID: 5; Register a new child		Test Purpose: For a parent to register their child to the system	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in.		
Test Case Steps:			
Step Number:	Procedure:	Response:	Pass or Fail:
1	User enters first name		Pass
2	User enters second name		Pass
3	Submit is then pressed	User is then viewing the user home page as a logged in user.	Pass
Comments:			
Related Tests:			
Author: David Manwaring	Date: 02/05/13	Checkers:	Date:02/05/13

Test Case ID: 6; Register a new child – error check		Test Purpose: Ensure that a parent enters the correct values for creating a new child on the system.	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in		
Test Case Steps:			
Step Number:	Procedure:	Response:	Pass or Fail:
1	User enters numerical values for first name		Pass
2	User enters symbols for second name		Pass
3	User enters symbols and alphabetical values for the school year		Pass
4	Submit is then pressed	Error message returned	Pass
Comments:			
Related Tests:			
Author: David Manwaring	Date: 02/05/13	Checkers:	Date:02/05/13

Test Case ID: 7; Child sign up to activity		Test Purpose: To register a child to an activity	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in		
Test Case Steps:			
Step Number:	**Procedure**:	**Response**:	**Pass or Fail**:
1	Parent selects the name of their child from the drop down		Pass
2	Parent selects activity from drop down menu		Pass
3	Submit is pressed	Feedback given to the user that the child was signed up successfully.	Pass
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

Test Case ID: 8; Get directions		Test Purpose: To get directions to and from an activity that a user has a child signed up for.	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in		
Test Case Steps:			
Step Number:	**Procedure**:	**Response**:	**Pass or Fail**:
1	Parent navigate to the bookings page		Pass
2	User clicks the ID of an activity		Pass
3	User redirect to get directions	Map is shown and points where the user's location is and to where the activity location is.	Pass
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

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Test Case ID: 9; Writing feedback		Test Purpose: To get directions to and from an activity that a user has a child signed up for.	
Environment:	Windows 7		
Pre-Conditions:	- User must be logged in as an instructor - The date of the activity must be in the past		
Test Case Steps:			
Step Number:	Procedure:	Response:	Pass or Fail:
1	Instructor navigates to feedback page		Pass
2	Instructor clicks an activity that has a date that has already passed.	The user is redirected to a form where they can enter the feedback	Pass
3	Instructor enters student ID		Pass
4	Instructor enters feedback for the particular student		Pass
5	Submit is then pressed	Feedback for the student is saved and the instructor is redirected to the feedback page.	Pass
Comments:			
Related Tests:			
Author: David Manwaring	Date: 02/05/13	Checkers:	Date:02/05/13

Test Case ID: 10; Writing feedback – error check		Test Purpose: To get directions to and from an activity that a user has a child signed up for.	
Environment:	Windows 7		
Pre-Conditions:	- User must be logged in as an instructor - The date of the activity must be in the past		
Test Case Steps:			
Step Number:	Procedure:	Response:	Pass or Fail:
1	Instructor navigates to feedback page		Pass
2	Instructor clicks an activity where the date has not passed	Error message given to say this activity hasn't happened yet	Pass
Comments:			
Related Tests:			
Author: David Manwaring	Date: 02/05/13	Checkers:	Date:02/05/13

NOTE: I could not test everything for this feature due to the time constraints. However there are a few things I will point out. One other thing that could be tested is the instructor entering the wrong student ID in the feedback form and an error would be returned to say that student hasn't taken this activity.

Test Case ID: 11; Create a new instructor		Test Purpose: To add a new instructor to the system so they can be in charge of running activities.	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in as an Administrator		
Test Case Steps:			
Step Number:	Procedure:	Response:	Pass or Fail:
1	Admin navigates to the create instructor form		Pass
2	First name entered		Pass
3	Last name entered		Pass
4	Subject area entered		Pass
5	Username entered		Pass
6	Password entered		Pass
7	Gender entered		Pass
8	Contact number entered		Pass
9	Email address entered		Pass
10	Submit is pressed	A new instructor is created on the system	Pass
Comments:			
Related Tests:			
Author: David Manwaring	Date: 02/05/13	Checkers:	Date:02/05/13

Test Case ID: 12; Create a new instructor – error check		Test Purpose: To add a new instructor to the system with wrong values in fields to check if errors are given	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in as an Administrator		
Test Case Steps:			
Step Number:	Procedure:	Response:	Pass or Fail:
1	Admin navigates to the create instructor form		Pass
2	First name contains numerical values		Pass
3	Last name contains symbols		Pass
4	Subject area is blank		Pass
5	Username is blank		Pass
6	Password isn't long enough		Pass
7	Gender not selected		Pass
8	Contact number contains alphabetical values		Pass
9	Email address not in the correct format.		Pass
10	Submit is pressed	Error message returned	Pass

		to the corresponding field	
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

NOTE: this is a large form, to fully test this would mean an extra 9 test cases and due to time constraints on the project it could not be done. Instead I will point out what tests can be done. Firstly, entering values into all of the fields that are too long to see how the system deals with long data types. Secondly to enter wrong data types such as numerical values and symbols to make sure that the system returns the correct error to the field with the incorrect data in. Again what I have done is simulated a form that has all incorrect values to save on time testing each field individually.

Test Case ID: 13; Getting the address of a club		**Test Purpose**: To get coordinates of where an activity location so it can be used for directions when parents need directions to and from the activity.	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in as an instructor		
Test Case Steps:			
Step Number:	**Procedure**:	**Response**:	**Pass or Fail**:
1	Instructor navigates to club addresses page		Pass
2	Instructor enters the correct address format to the field		Pass
3	Submit is then pressed	Coordinates of the address are then returned to the instructor	Pass
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

Test Case ID: 14; Getting the address of a club – error check		Test Purpose: To get enter incorrect data into the address field to see what error message is returned based on the input		
Environment:	Windows 7			
Pre-Conditions:	User must be logged in as an instructor			
Test Case Steps:				
Step Number:	**Procedure**:	**Response**:		**Pass or Fail**:
1	Instructor navigates to club addresses page			Pass
2	Instructor enters an incorrect address format			Pass
3	Submit is then pressed	Google maps returns error specific to what they have entered		Pass
Comments:				
Related Tests:				
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:		**Date**:02/05/13

NOTE: this area is very large to test because on Google's end there are a lot of checks such as, is an address entered? Is the address in a correct format? Does the address exist? Are there only numerical and alphabetical values for the address? All these characteristics can be tested, but also I am limited to how many calls I can make to the API in one day which the amount I can test.

Test Case ID: 15; Create a new activity		Test Purpose: To create a new activity for parents to sign their children up to.		
Environment:	Windows 7			
Pre-Conditions:	User must be logged in as an instructor or administrator			
Test Case Steps:				
Step Number:	**Procedure**:	**Response**:		**Pass or Fail**:
1	Instructor navigates to club addresses			Pass
2	Address of a club is entered in the correct format	Coordinates of the activity are returned		Pass
3	Instructor copies the coordinates to clipboard	Coordinates of the activity are stored in the clipboard		Pass
4	Instructor navigates to create club page			Pass
5	Club name entered			Pass
6	Club type selected from drop down			Pass
7	Club description entered			Pass
8	Club location is pasted from clipboard			Pass
9	Instructor of the activity would be selected (this would be the			Pass

	instructors name)		
10	Club capacity entered		Pass
11	Club date entered		Pass
12	Club semester entered		Pass
13	Payment required field is set to yes or no		Pass
14	Submit is then pressed	This activity is then saved and the user is redirected to the bookings page which is where the activity will appear.	Pass
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

Test Case ID: 16; Create a new activity – error check		**Test Purpose**: To test that appropriate errors are generated based on user input	
Environment:	Windows 7		
Pre-Conditions:	User must be logged in as an instructor or administrator		
Test Case Steps:			
Step Number:	**Procedure**:	**Response**:	**Pass or Fail**:
1	Instructor navigates to club addresses		Pass
2	Address of a club is entered in the correct format	Coordinates of the activity are returned	Pass
3	Instructor copies the coordinates to clipboard	Coordinates of the activity are stored in the clipboard	Pass
4	Instructor navigates to create club page		Pass
5	Club name has numerical values		Pass
6	Club type selected from drop down		Pass
7	Club description entered		Pass
8	Club location contains alphabetical values		Pass
9	Instructor of the activity would be selected (this would be the instructors name)		Pass
10	Club capacity is set to "@"		Pass
11	Club date has a past date		Pass
12	Club semester has numerical values entered		Pass
13	Payment required field is set to yes or no		Pass

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14	Submit is then pressed	Error messages would be generated for all fields	Pass
Comments:			
Related Tests:			
Author: David Manwaring	**Date**: 02/05/13	**Checkers**:	**Date**:02/05/13

NOTE: for this I have entered incorrect values in all the fields to check that it will produce errors about all of the fields

Usability Testing

http://www.surveymonkey.com/s/LSSHY3R

Firstly, I will start off with Usability testing. I conducted a survey on survey monkey where I asked fifteen people to complete a questionnaire after they had seen my system for the first time and attempted to navigate and complete different tasks inside. Here is what the survey looked like:

MyECA Usability Feedback   Exit this survey

1. How easy is it to navigate our website?
○ Extremely easy
○ Very easy
○ Moderately easy
○ Slightly easy
○ Not at all easy

2. How clear is the information available on our website?
○ Extremely clear
○ Very clear
○ Moderately clear
○ Slightly clear
○ Not at all clear

3. How visually appealing is our website?
○ Extremely appealing
○ Very appealing
○ Moderately appealing
○ Slightly appealing
○ Not at all appealing

4. How professional is the look and feel of our website?
○ Extremely professional
○ Very professional
○ Moderately professional
○ Slightly professional
○ Not at all professional

＊5. What improvements would you make to our website?

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*5. What improvements would you make to our website?

6. How easy is it to sign children up for an activity?
○ Extremely easy
○ Very easy
○ Moderately easy
○ Slightly easy
○ Not at all easy

7. How simple did you find the system? Was there anything that was unclear?

8. What was your favorite feature on our website?

9. Do you think that this system is useful?
○ Absolutely
○ Yes
○ Unsure
○ No
○ Definitely not

*10. Overall, sum up our website in one word

The aim of this was to spend time with different users all of which were different genders from a range of ages and different skills with using a computer. All people involved with the testing phase were asked to complete a small questionnaire about them which I will include after I have discussed the results from this part.

Website Navigation

How easy is it to navigate our website?
Answered: 15   Skipped: 0

Out of the people that were interviewed, 40% said that the website navigation was very easy, 20% said extremely easy. Seeing as the majority of the vote has said that the navigation as a whole is very good means that website navigation for MyECA is a success. There were a small minority that said slightly easy and not easy at all but this could change over time and especially if there are future developments where things like design and page layout can be changed.

Answer Choices	Responses	
Extremely easy	20%	3
Very easy	40%	6
Moderately easy	26.67%	4
Slightly easy	6.67%	1
Not at all easy	6.67%	1
Total		15

Website Information

How clear is the information available on our website?

Answered: 15   Skipped: 0
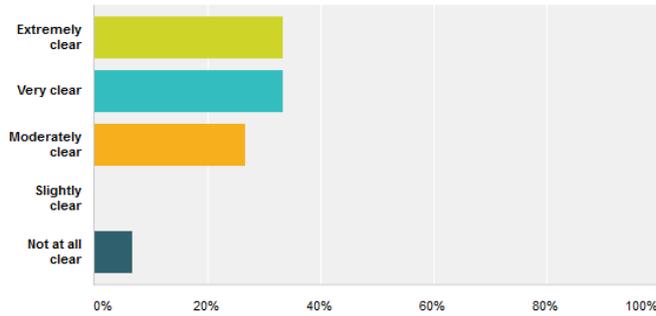
Answer Choices	Responses	
Extremely clear	33.33%	5
Very clear	33.33%	5
Moderately clear	26.67%	4
Slightly clear	0%	0
Not at all clear	6.67%	1
Total		15

What this part is asking is how well is the information I have provided presented and understood by users. By looking at the graph the majority of people said that is were very clear and extremely clear.

I think that this is partly due to me trying to keep a restriction on how much information is on each page to go for a clean look with just a small level of detail for each page with enough to inform the user what the screen was about.

With bad feedback it is always important to take it into account because later on their maybe something that can be done to change the small minority of people around.

Website Design

How visually appealing is our website?

Answered: 15   Skipped: 0
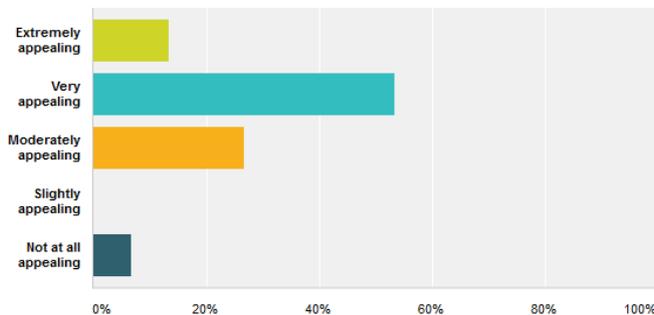
Answer Choices	Responses	
Extremely appealing	13.33%	2
Very appealing	53.33%	8
Moderately appealing	26.67%	4
Slightly appealing	0%	0
Not at all appealing	6.67%	1
Total		15

This question was to get feedback on what users thought of the chosen design for the website. Again, the vast majority of people like the design where as some were a little neutral.

In future work it is important to take this feedback into account; it could be that they didn't like the colour scheme or the layout I had chosen. I could change this round later on and ask the same question again and maybe the minority will agree with the rest of the population or even vice versa.

Website Professionalism

How professional is the look and feel of our website?

Answered: 15   Skipped: 0
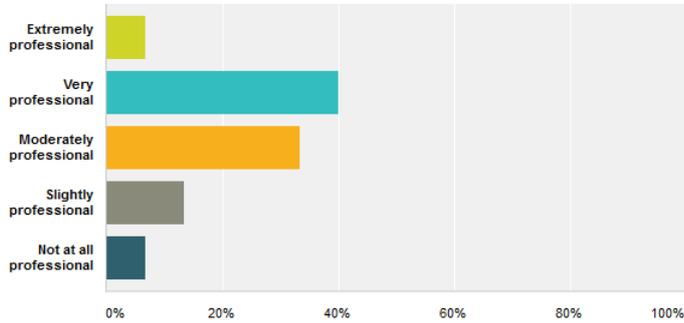
Answer Choices	Responses	
Extremely professional	6.67%	1
Very professional	40%	6
Moderately professional	33.33%	5
Slightly professional	13.33%	2
Not at all professional	6.67%	1
Total		15

In this question the results I have collected are quite close between very professional and moderately professional. What I could do here is to look at the other feedback questions that ask about changes and see if users had noted anything there and try and consider that as an option when doing future work for a new release.

Realistically there should be a target percentage of which would constitute as a pass, when all positive answers are below this then updates are certainly something to be considered.

Website Improvements

What improvements would you make to our website?

Answered: 15   Skipped: 0

Responses (15)   Text Analysis   My Categories

PRO FEATURE
Use text analysis to search and categorize responses; see frequently-used words and phrases. To use Text Analysis, upgrade to a GOLD or PLATINUM plan.

Upgrade   Learn more »

Categorize as...   Filter by Category   Search responses

Showing 15 responses

I would add a feature to the instant messenger to see who is active (online)
5/3/2013 1:25 AM   View respondent's answers

I would change it to be more professional
5/3/2013 1:23 AM   View respondent's answers

I would change the way feedback is given to parents from coaches
5/3/2013 1:21 AM   View respondent's answers

I wouldn't make any
5/3/2013 1:18 AM   View respondent's answers

I would maybe change the colour scheme and layout of the page
5/3/2013 1:17 AM   View respondent's answers

I found the navigation bar annoying and in the way. what if you moved it somewhere else or shortened it down a touch?
5/3/2013 1:13 AM   View respondent's answers

I wouldn't change anything about this system. It is fantastic!!

For this part I have created my own representation of the results that isn't provided by survey monkey and what this will illustrate is what the most common keywords are that were used.

15
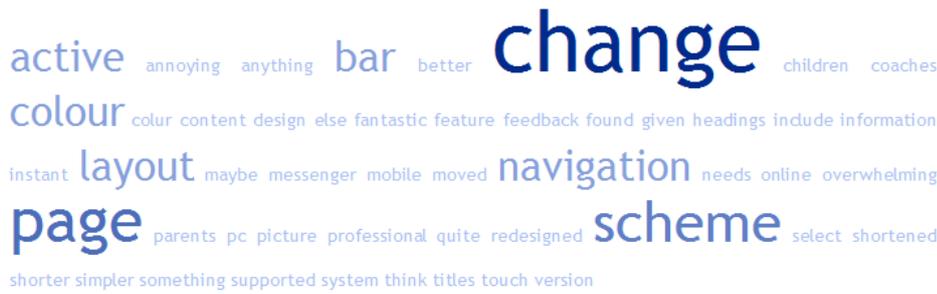
The words here that are in a bigger font or are more bold than others means that the words were more used and talked about in the answer for my questionnaire. This is an effective way of representing qualitative data and is simple to look at and understand.

When looking at this diagram we can see that people used the world "change" the most and navigation and page are also used a lot too. Based on that we can say things such as colour and navigation are something to be improved as it is something that a lot of users mentioned.

Signing up a child
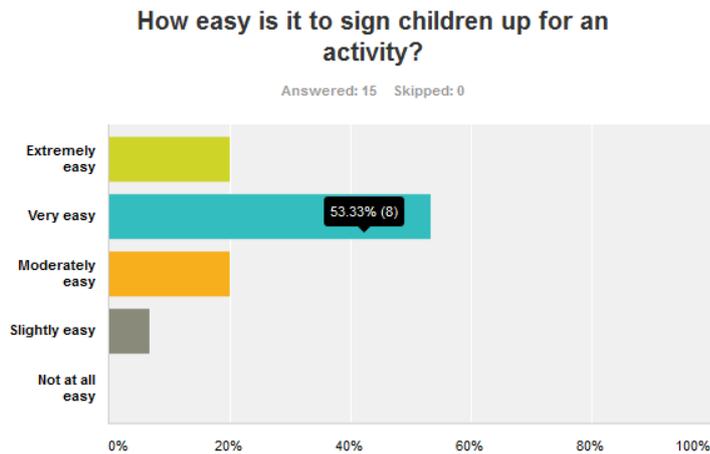
Upon receiving this result, more than half the people that were interviewed thought that one of the core functionalities of the system was very easy to use.

Based on that I can say that a part of my system meets the criteria and helps me to reach the conclusion of seeing if my project solves the initial problem.

Also by looking at the population that said "slightly easy" I can take that on board and look at other alternatives of signing up children for activities.

Answer Choices	Responses	
Extremely easy	20%	3
Very easy	53.33%	8
Moderately easy	20%	3
Slightly easy	6.67%	1
Not at all easy	0%	0
Total		15

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How simple did you find the system? Was there anything that was unclear?

Answered: 15 Skipped: 0

● Responses (15)   ▲ Text Analysis   ✎ My Categories

PRO FEATURE
Use text analysis to search and categorize responses; see frequently-used words and phrases. To use Text Analysis, upgrade to a GOLD or PLATINUM plan.

[Upgrade]   Learn more »

Categorize as... ▼   Filter by Category ▼   [Search responses] 🔍 ❓

Showing 15 responses

No
5/3/2013 1:25 AM   View respondent's answers

There was nothing that was unclear
5/3/2013 1:23 AM   View respondent's answers

I really enjoyed it, the instant messenger is a very nice touch!
5/3/2013 1:21 AM   View respondent's answers

Feedback from the coaches wasn't clear.
5/3/2013 1:18 AM   View respondent's answers

I found it a little confusing on how to the feedback for a registered child
5/3/2013 1:17 AM   View respondent's answers

Only the navigation bar, there are just too many different links displayed
5/3/2013 1:13 AM   View respondent's answers

It's very user friendly and has a great feel to it!
5/3/2013 1:11 AM   View respondent's answers

This was another question that asked for the users input on what they thought of a particular characteristic. By looking at the words below, we can still see that navigation is a problem, feedback for students is also a problem too. Since navigation was also highlighted before then this would definitely be something that is to be taken into account for improvements.

activities bar chid child children **clear** clearer **clearly** dick coaches confusing different difficult displayed enjoyed **feedback** feel figure found freedom friendly id instant links lot **marked** messenger mobile moderately **navigation** nice nothing perhaps really registered seemed **sign** **simple** smooth son student **system** took touch un unclear user version
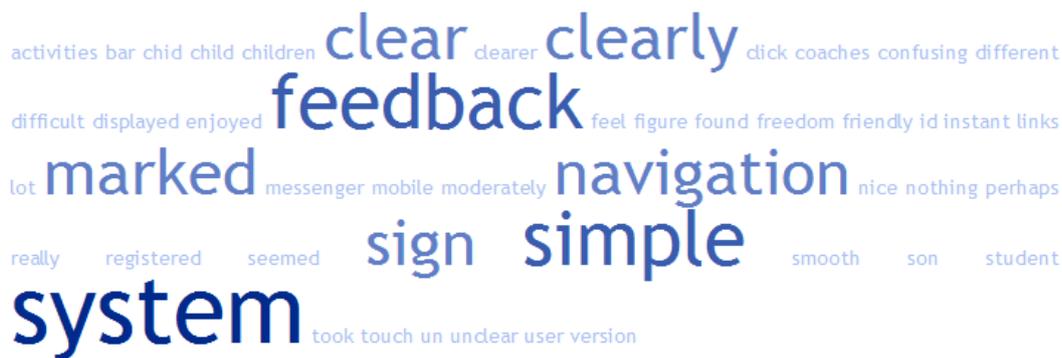
Favourite Feature

What was your favorite feature on our website?

Answered: 15   Skipped: 0

● Responses (15)   ☁ Text Analysis   🏷 My Categories

PRO FEATURE
Use text analysis to search and categorize responses; see frequently-used words and phrases. To use Text Analysis, upgrade to a GOLD or PLATINUM plan.

Upgrade   Learn more »

Categorize as... ▾   Filter by Category ▾   Search responses [🔍] ❓

Showing 15 responses

instant messenger
5/3/2013 1:25 AM   View respondent's answers

Google maps
5/3/2013 1:23 AM   View respondent's answers

Instant Messaging
5/3/2013 1:21 AM   View respondent's answers

Google Maps
5/3/2013 1:18 AM   View respondent's answers

instant messenger
5/3/2013 1:17 AM   View respondent's answers

Google Maps
5/3/2013 1:13 AM   View respondent's answers

PayPal button on the bookings page
5/3/2013 1:11 AM   View respondent's answers

This question is actually very helpful. As you can see from the different words below Google Maps was the most popular of the features followed closely by instant messenger.

When looking into the future and focusing on marketing this could be used as something to drive the product and promote sales if this was to go Live.

However, this isn't a core functionality, there is the use of the word bookings but it's very small in comparison.

It would be considered a great achievement if I could concentrate also on these core functionalities and trying to push for them to be as popular and good as Google maps and the instant messaging features.

activities   bookings   button   children   directions   feature
google   hard   home   identify   instant   maps
messaging   messenger   page   paypal   service   signing   things

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How useful is the system?

Do you think that this system is useful?

Answered: 15 Skipped: 0

This helps gage if people think that this method of signing up children by parents online from their homes is better than giving children the responsibility to arrange it themselves. By looking closely at the results 40% of people "absolutely agreed" and 33.33% thought it was useful. This shows that the system is successful and wouldn't be likely to become unpopular and stop getting used by its users.

Answer Choices	Responses	
Absolutely	40%	6
Yes	33.33%	5
Unsure	20%	3
No	6.67%	1
Definitely not	0%	0
Total		15

MyECA in one word

Overall, sum up our website in one word

Answered: 15 Skipped: 0

This was to ask people the question of how would you describe it in one word and some interesting results followed as you can see from the diagram below.

Clever, smart and stylish are all very popular words that were used as answers by the population which is very good. Later on down the line this could be used as a marketing technique to drive and advertise what people already think of the system to try and draw more people in.

C1030889: David Manwaring

alright **clever** cool efficient intelligent nice **smart**
**stylish** swift

Performance Testing

Single user

I have conducted tests using Fire Foxes plugin called Fire Bug to work out an average of how long it takes to load the page that contains the most amount of content on. This testing is all conducted manually due to lack of automated performance testing tools.
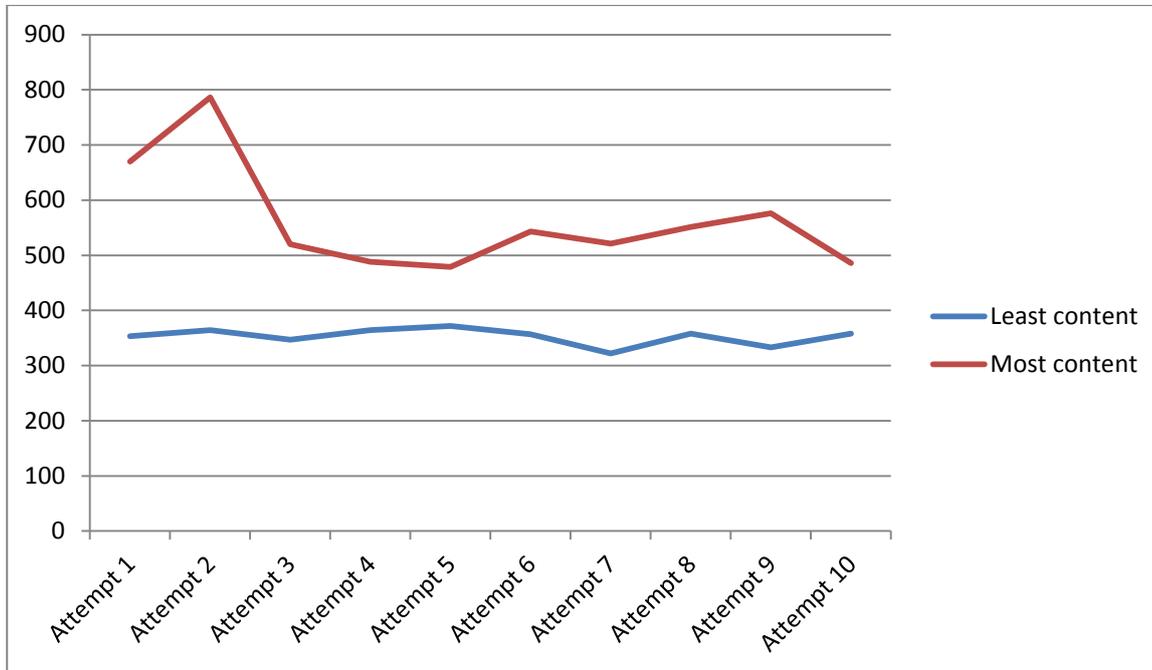
This is to simulate requests to a web page with just one user active. As you can see there is a difference between the render times, but this is a very small difference and the amount of times that it is tested is very hard to perceive whether this result is accurate. The values going up the y axis are is the time measured in milliseconds.

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Multiple users

I am now going to set up the instant messenger page in multiple browsers to try and simulate multiple users that would be currently active on the system and then run the same test again to see if there are any differences in the render times.
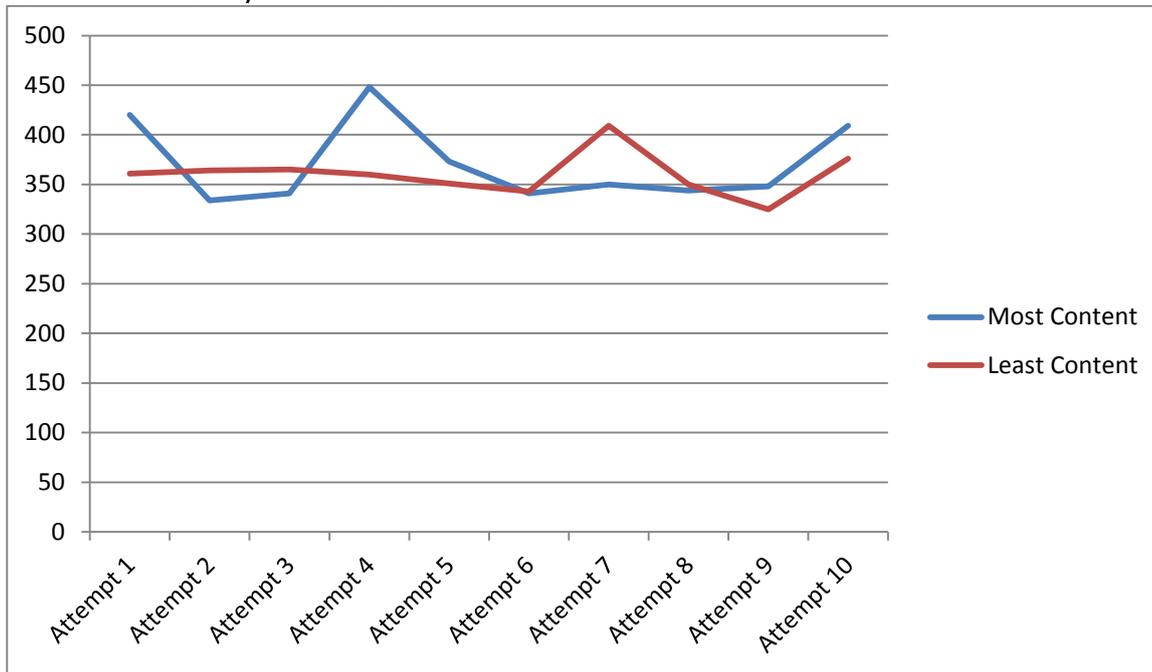
From the tests that I have run I can't see any difference, in fact render times are slightly quicker. Again, going up the y axis is the time taken in milliseconds.

Conclusion

Before starting the testing for this part of the system, I was very unsure what exactly I could measure with the tools that I'm equipped with. My justification for these test results are that to measure something properly there needs to thousands of different tests to see some accurate data and it also needs to be measured against an adequate amount of network traffic which of course this doesn't have. Because the system is designed for schools it means that the database size is only ever going to hold a few hundred users on at the most and of which it will be very unlikely they will be online at the same time using it. Therefore testing the system with these sorts of tests, it doesn't really matter on the result due to its desired context and targeted audience.

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Browser testing

When testing the system it's very important that we can know it works in the majority of browsers, that way when the system can be sold as a product we can pre-empt customers if needs be that there may be difficulties with different browsers and there versions which it can sometimes be quite extensive.

Fire Fox, Chrome and I.E
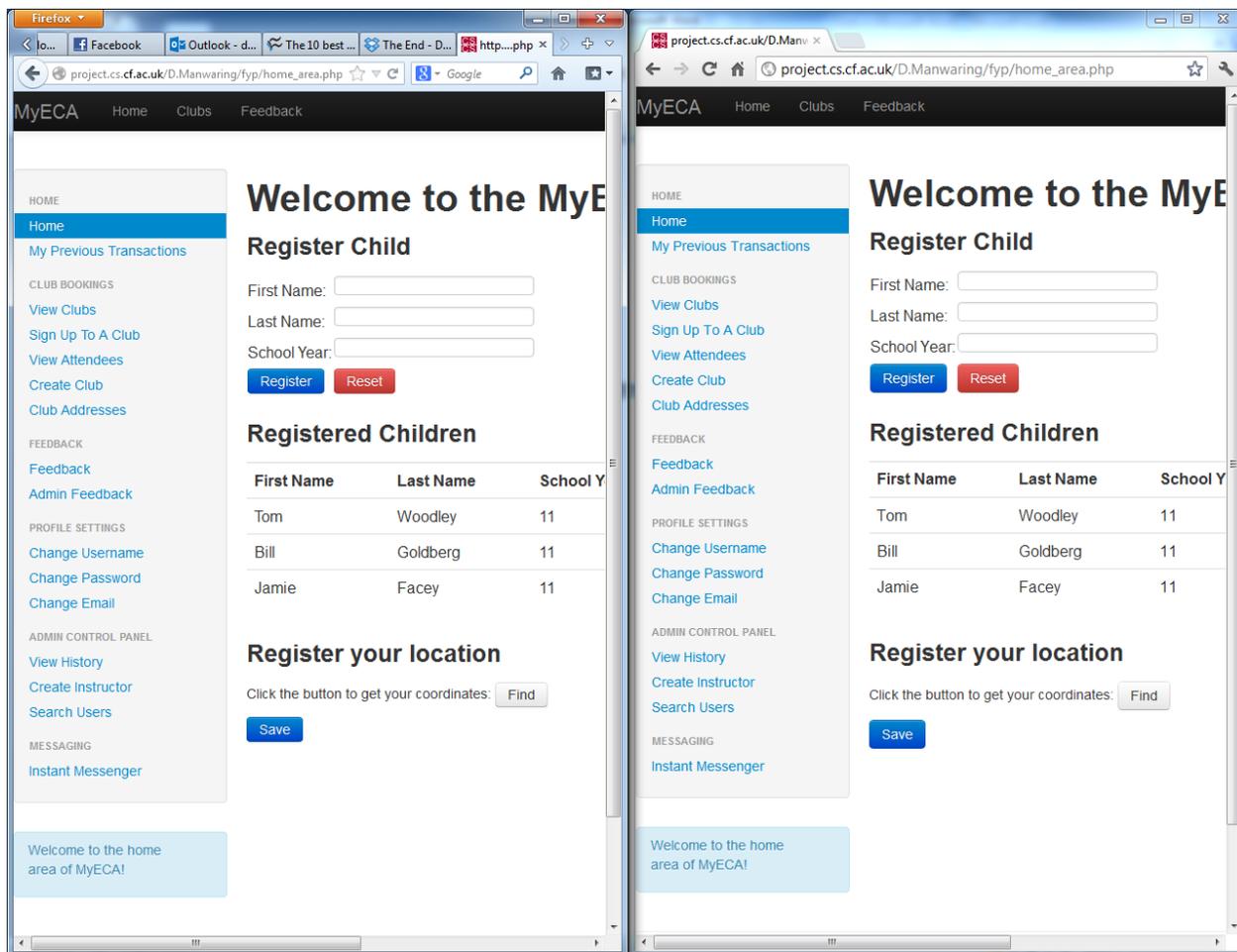
This is a screenshot of Google chrome and Fire Fox aligned side by side. As you can see they are not maximised which means that they are capable of being resized without it affecting the design. Here is what chrome looks like when changing the browser size:
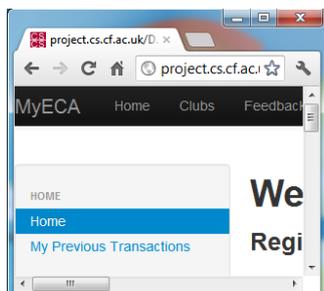

By doing this we can now clarify that there is no content that backs up to this corner, it remains the same which is good for people that may be viewing and using the system off different systems that have smaller screen resolutions.

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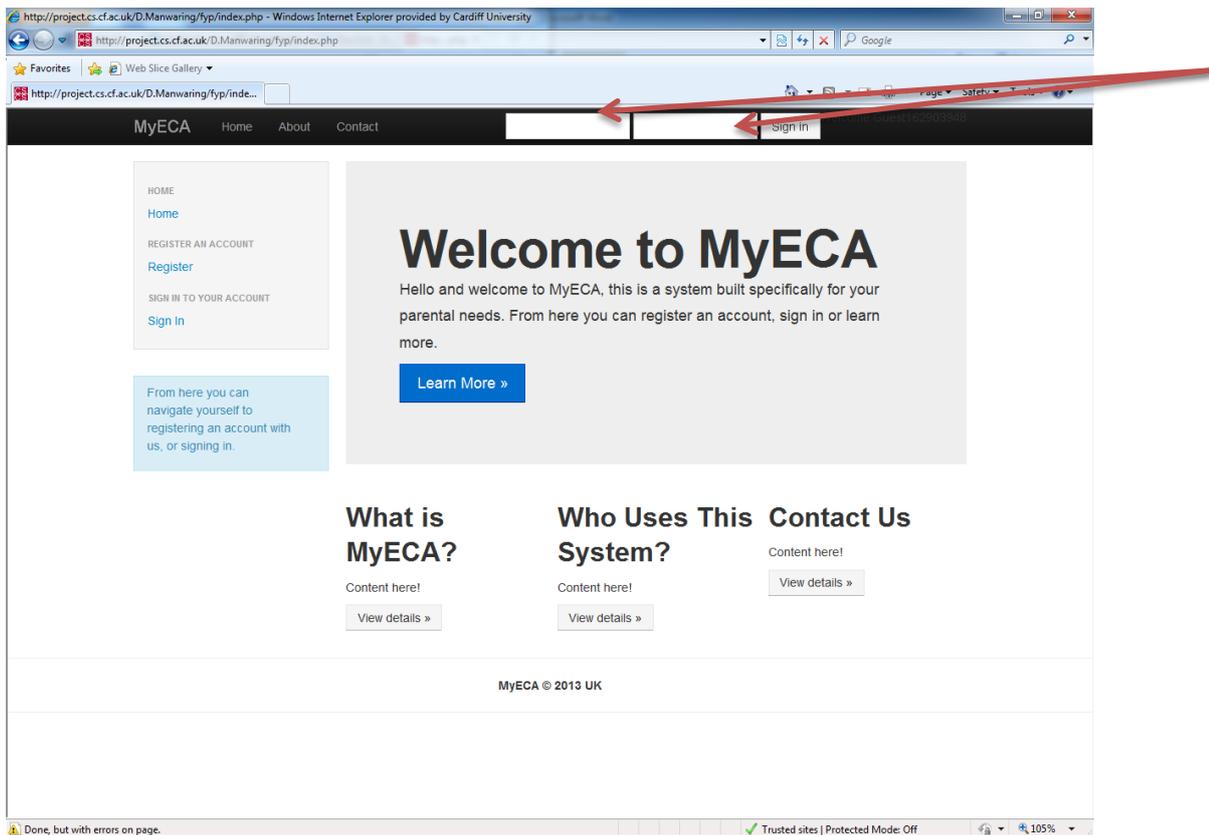
This is what the system appears to look like in Internet Explorer. One thing to note here is that the HTML5 place holder attribute for the text fields at the top of the page are not there because this particular version of Internet Explorer doesn't support HTML5. This is because that these attributes are not supported in the browser. This is another reason why browser testing is a must because some browsers support functionality that others don't.

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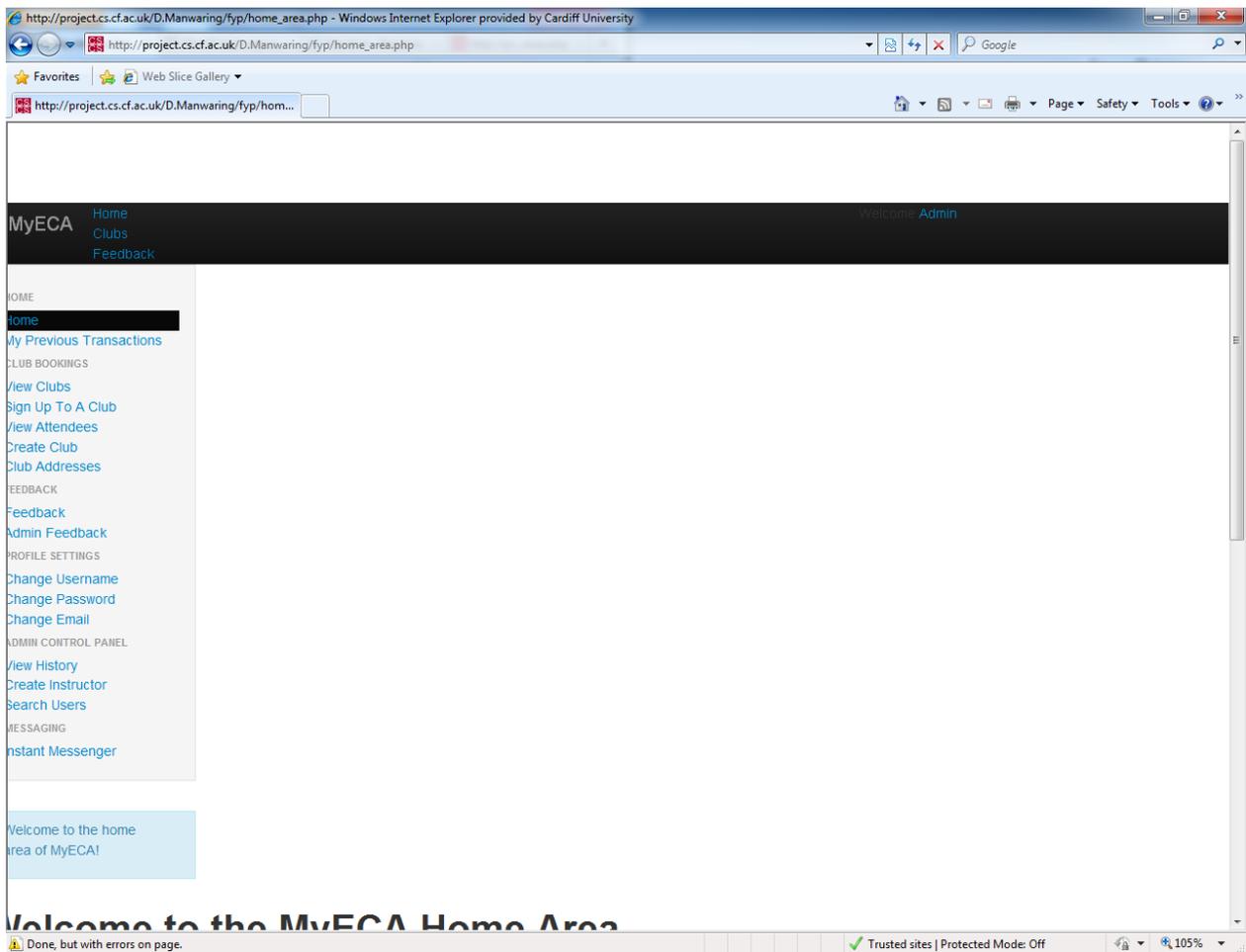
This is another page inside of Internet Explorer, as you can see the design is completely different to how it appears in other browsers. The content is all queued up on top of each other rather than positioned next to each other.

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