

RED STAR

F.C

NAME:	BARRY EGAN
STUDENT NUMBER:	20081419
LECTURER:	ROSANNE BIRNEY
SUBJECT:	HIGHER DIPLOMA IN BUSINESS SYSTEMS ANALYSIS
MODULE:	HCI & WEB DESIGN

20081419

TABLE OF CONTENTS

INTRODUCTION & CLUB DESCRIPTION	3
WEBSITE DESIGN	4
DESIGN PRINCIPLES.....	4
PURPOSE:	4
COMMUNICATION:	4
TYPEFACE:	4
COLORS:	4
LAYOUT:	4
IMAGES:	4
RESPONSIVE:	4
NAVIGATION:	5
MULTIPLE BROWSERS:	5
ACCESSIBILITY/ VALIDATION:	5
HTML/ CSS CODE:.....	5
WIREFRAME:.....	6
HOME:	6
HISTORY:	6
TEAMS/ RENTALS/ FIXTURES AND RESULTS/ CLUB NOTICES:.....	7
PREMIER/ MASTERS:.....	7
UPCOMING EVENTS:	7
FEE DETAILS/ FIXTURES:	8
RESULTS:	8
CLUBHOUSE RENTAL:	9
ASTRO RENTAL:	9
WEBSITE TESTING & IMPLEMENTATION ISSUES.....	10
HTML & CSS VALIDATION.....	10
ACCESSIBILITY	11
CROSS PLATFORM TESTING.....	13

Introduction & Club Description

Red Star F.C are a Junior League club based in Waterford City. They are currently completing in the Waterford Junior League with over 20 registered members, comprised of Players, Managers and non-playing personnel.

The club has a full Astroturf pitch, that can be divided up into 3 sections of one half pitch and two quarter pitches. It is possible to rent out the entire pitch when all the other pitches aren't rented. Bookings can be taken by any staff member of the club.

The club also has a Clubhouse that has a function room, that can be rented for functions.

The club wishes to create and maintain a website in order to be able to allow members or potential members to contact our club via our contact enquiry form. As well as allowing our members contact us, people can go to our site to find out where your club is and directions to get there. We want to keep our members up to date with what's happening with ease, allow anyone to access our upcoming events and games at anytime, anywhere. Allowing members and the public to see this will hopefully help the club to grow. To allow our fans and followers of the club to stay up to date with what is happening with the different teams even down to when someone scores a goal for the 'Masters'. Ultimately through the increased views on our site, we hope to attract additional sponsors in order to finance the running and growth of the club.

In the future, we also hope to increase both our Astroturf and Clubhouse rentals through allowing bookings to be made online and for player registrations to be completed online also.

Website Design

Design Principles

Purpose:

I took a minimalistic approach when designing my website in that I kept it simple and didn't overload the user with content but still got portrayed the information that I wanted to in a concise manner. I feel as though my website is pleasing to the eye, flows well throughout and attracts the reader to the key parts throughout. Each page has a key goal and I feel as though each page succeeds in accomplishing those goals.

Communication:

Through the use of headers, concise paragraphs, informational tables and imagery, I can communicate clearly the information that I want to in an efficient manner and allow for it to be broken down and digested easily by users of my website.

Typeface:

I have stuck to a consistent use of font design throughout to keep the reader focused and not take away from the main goals of each page in the site.

Colors:

I have used a color scheme incorporating a small range of colors that I feel help to draw the eye of users to important content throughout the website and makes the website visually appealing and most importantly doesn't overwhelm the user.

Layout:

I have incorporated a grid based layout in designing my website, as I feel as though it gives a more polished look to the website and lends itself to a more user-friendly experience, all while communicating information effortlessly. I took into consideration recent studies showing that people tend to read content in a "F" pattern when laying out the content in my website

Images:

The images I have used in my website were chosen as I felt that they could provide a lot of information to the user even without a caption or description attached to them.

Responsive:

I have designed the website to be responsive as I know a growing amount of website viewers are now using tablets and smartphones to access the information, so design responsiveness is now more important than ever.

Navigation:

I have made navigation of my website easy through the use of a Navigation Bar supported by links throughout to internal and external sources of information.



I have incorporated a dropdown menu that makes moving between the pages effortless and cuts down on having a bulky Navigation Bar.

I have also used clickable images (see below) to allow for ease of use of the website.



Multiple Browsers:

I have tested the website in Chrome, Safari and Firefox to ensure that users will only face minimal differences such as font, if they were to view my website through different browsers.

Accessibility/ Validation:

I have used online CSS and HTML validation tools in order to ensure that my website conforms to the highest standards and have zero issues that currently need to be rectified.

I have a minor issue related to the accessibility of the design of a contact form on my home page, which I feel as though if I were to change would take away from the overall appeal of the form.

HTML/ CSS Code:

All code throughout both the HTML & CSS files was written by myself, so as to ensure that the design and content of the website was presented exactly as I wanted it to be.

Wireframe:

Home:

Heading	
Nav	
H2	
Paragraph	Image
H3	
Image	Paragraph
H4	
Paragraph	Image
Form	
Footer	

History:

Heading	
Nav	
H2	
Paragraph	Image
H3	
Table	
H4	
Table	
Footer	

Teams/ Rentals/ Fixtures and Results/ Club Notices:

Heading	
Nav	
Figure	Figure
Footer	

Premier/ Masters:

Heading	
Nav	
H1	
Paragraph	
H2	
List	
H3	
List	Blank
Footer	

Upcoming Events:

Heading	
Nav	
H1	
Table	
Footer	

Fee Details/ Fixtures:

Heading	
Nav	
H1	
Table	Table
Footer	

Results:

Heading
Nav
H2
Caption
Table
Caption
Table
H4
Caption
Table
Caption
Table
Footer

Clubhouse Rental:

Heading
Nav
H2
Paragraph
Footer

Astro Rental:

Heading	
Nav	
H1	
Paragraph	Image
H2	
Paragraph	Blank
H3	
Table	
Footer	

Website Testing & Implementation Issues

HTML & CSS Validation

My website has passed both HTML & CSS validation with no errors.

Please see below screenshots:

CSS:

The screenshot shows the W3C CSS Validation Service interface. At the top left is the W3C logo. Next to it, the text "The W3C CSS Validation Service" is displayed. Below that, a smaller line of text reads "W3C CSS Validator results for TextArea (CSS level 3)". A horizontal line separates this header from the main content area. In the main area, there is a green banner with the text "Congratulations! No Error Found." followed by a message stating "This document validates as [CSS level 3](#)!".

Jump to: [Validated CSS](#)

W3C CSS Validator results for TextArea (CSS level 3)

Congratulations! No Error Found.

This document validates as [CSS level 3](#)!

HTML:

The screenshot shows the W3C HTML Validation Service interface. A large green banner at the top contains the text "Document checking completed. No errors or warnings to show.".

Accessibility

I had one issue related to accessibility on my Home Page due to the design of my Contact Us Form. I feel as though if I was to fix the issue it would take away from the overall design of the form so have decided to leave it as it is.

Please see below screenshot of Issue:

Accessibility Review

Accessibility Review (Guidelines: [WCAG 2.0 \(Level AA\)](#))

Export Format: [PDF](#) Report to Export: [All](#) [Get File](#)

[Known Problems\(15\)](#) [Likely Problems \(0\)](#) [Potential Problems \(126\)](#) [HTML Validation](#) [CSS Validation](#)

1.3 Adaptable: Create content that can be presented in different ways (for example simpler layout) without losing information or structure.

Success Criteria 1.3.1 Info and Relationships (A)

Check 57: [input element, type of "text", missing an associated label.](#)

Repair: Add a label element that surrounds the control's label. Set the for attribute on the label element to the same value as the id attribute of the control. And/or add a title attribute to the input element. And/or create a label element that contains the input element.

✖ Line 74, Column 5:
`<input type="text" name="field1" class="field-style field-split align-left" placeholder="Name" />`

✖ Line 79, Column 5:
`<input type="text" name="field3" class="field-style field-split align-left" placeholder="Phone" />`

✖ Line 80, Column 5:
`<input type="text" name="field4" class="field-style field-split align-right" placeholder="Member Yes ..."`

✖ Line 84, Column 1:
`<input type="text" name="field3" class="field-style field-full align-none" placeholder="Subject" />`

Check 213: [input element, type of "text", has no text in label.](#)

Repair: Add text to the input element's associated label that describes the purpose or function of the control.

✖ Line 74, Column 5:
`<input type="text" name="field1" class="field-style field-split align-left" placeholder="Name" />`

✖ Line 79, Column 5:
`<input type="text" name="field3" class="field-style field-split align-left" placeholder="Phone" />`

✖ Line 80, Column 5:
`<input type="text" name="field4" class="field-style field-split align-right" placeholder="Member Yes ..."`

 **Line 84, Column 1:**

```
<input type="text" name="field3" class="field-style field-full align-none" placeholder="Subject" />
```

Check 95: textarea element missing an associated label.

Repair: Add a label element immediately before or after the textarea element. Set the for attribute value of the label element to the same value as the id attribute value of the textarea element. Add label text to the label element. Or, set the title attribute value to the textarea element to the label text. Or, add a label element that surrounds the textarea element and add label text.

 **Line 87, Column 1:**

```
<textarea name="field5" class="field-style" placeholder="Message"></textarea>
```

3.3 Input Assistance: Help users avoid and correct mistakes.

Success Criteria 3.3.2 Labels or Instructions (A)

Check 188: Label text is empty.

Repair: Add text to the label element.

 **Line 74, Column 5:**

```
<input type="text" name="field1" class="field-style field-split align-left" placeholder="Name" />
```

 **Line 75, Column 5:**

```
<input type="email" name="field2" class="field-style field-split align-right" placeholder="Email" />
```

 **Line 79, Column 5:**

```
<input type="text" name="field3" class="field-style field-split align-left" placeholder="Phone" />
```

 **Line 80, Column 5:**

```
<input type="text" name="field4" class="field-style field-split align-right" placeholder="Member Yes ..."
```

 **Line 84, Column 1:**

```
<input type="text" name="field3" class="field-style field-full align-none" placeholder="Subject" />
```

 **Line 91, Column 1:**

```
<input type="reset" value="Reset" />
```

All other pages in my website have no Known Problems or Likely Problems.

Please see below screenshot:

Accessibility Review

Accessibility Review (Guidelines: [WCAG 2.0 \(Level AA\)](#))

Export Format: [PDF](#) Report to Export: [All](#) [Get File](#)

[Known Problems\(0\)](#) [Likely Problems \(0\)](#) [Potential Problems \(74\)](#) [HTML Validation](#) [CSS Validation](#)

 **Congratulations! No known problems.**

Cross Platform Testing

I have tested my website in both Chrome and Safari with only small issues on the Astro Rental Page whereby certain symbols are not supported in the Safari Browser but are in the Chrome Browser.

Please see below Safari Browser Issues:

Red Star Football Club☆

[Home](#) [History](#) [Teams](#) [Club Notices](#) [Fixtures and Results](#) [Rentals](#)

Astroturf Rental

We offer a number of floodlit astro pitches covered in 4G, the best quality synthetic grass to make playing any sport perfect for all weather conditions.

Based in Ballytruckle, Waterford our sports grounds include multiple changing rooms, hot showers, car parking on site and lockers available to store valuables.

Enquire today to avail of prices from as low as €30 per hour.

Our Astro pitches can be used for football, hockey, social and corporate events as well as children's birthday parties. The pitches can be divided into three separate sections that can be used as a 5- or 7-aside pitch or as one 11-side pitch. We offer discounts for all astro block bookings.



Standard Prices

€60 – Full pitch with lights.
€40 – Half pitch with lights.
€30 - Half pitch with lights. (Student/Unemployed discounted rate)

*Prices are per hour.

Below is the same page in Chrome Browser without issues:

Red Star Football Club☆

[Home](#) [History](#) [Teams](#) [Club Notices](#) [Fixtures and Results](#) [Rentals](#)

Astroturf Rental

We offer a number of floodlit astro pitches covered in 4G, the best quality synthetic grass to make playing any sport perfect for all weather conditions.

Based in Ballytruckle, Waterford our sports grounds include multiple changing rooms, hot showers, car parking on site and lockers available to store valuables.

Enquire today to avail of prices from as low as €30 per hour.

Our Astro pitches can be used for football, hockey, social and corporate events as well as children's birthday parties. The pitches can be divided into three separate sections that can be used as a 5- or 7-aside pitch or as one 11-side pitch. We offer discounts for all astro block bookings.



Standard Prices

€60 – Full pitch with lights.
€40 – Half pitch with lights.
€30 - Half pitch with lights. (Student/Unemployed discounted rate)

*Prices are per hour.

Other than the minor issues shown above, there are only small changes in font size between different browsers.