

Coursework Task

Higher Information Systems

Valid for session 2012/2013 only

Please read Section 1 carefully before issuing materials to candidates.

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Coursework Task

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The Optima Building	Lowden
58 Robertson Street	24 Wester Shawfair
Glasgow	Dalkeith
G2 8DQ	EH22 1FD

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Section 1

Organisation and Conditions for Assessment

Organisation and Conditions for Assessment

The assessment is designed to test the candidate's ability to apply knowledge and understanding and practical skills, developed through study of the Relational Database Systems and Using Information units. The mark out of 60 should be submitted to the SQA unscaled. This will be combined with the examination mark out of 140 to establish the candidate's overall grade of award. This mark should also be used in conjunction with internal examination marks or other evidence in the preparation of a candidate's estimated grade of performance.

The notional design length for the assessment is 8–10 hours. However, a candidate may be permitted additional time if required.

The assessment is to be undertaken under "open book" conditions, but under the supervision of a teacher or lecturer to ensure that the work submitted is the candidate's own work. The teacher or lecturer may give the candidate guidance and/or help if requested. Any such help should be reflected in the marks awarded.

Once the task has been completed and marked, it should not be returned to the candidate for further work.

These instructions are designed to be used in conjunction with data files provided with the electronic distribution of the task. These can be downloaded from the SQA secure website.

Special Arrangements for Higher Coursework 2012-2013

Centres are asked to pay special attention to the following arrangements.

Candidates are not required to spend time entering data into a database. Instead, the data should be prepared beforehand and provided to candidates by the centre.

To facilitate this, Microsoft Access (2003 format) and Filemaker (v.7) as well as text (tab) delimited and csv data files have been provided. It is intended that candidates will be provided with **two versions** of the database.

The **first database (SRCA Task 2)** contains three of the tables of the system; Driver, Car and Club. Each table will have all attributes correctly implemented although the tables will not be related. Candidates will be required to create the Event table from the completed data dictionary and then set up the relationships between all the tables. Candidates will be required to submit a printout of the Documenter (or equivalent) of the **Event table only** as evidence for Task 2(a). Filemaker Pro users should include a screen shot to show times formatted to two decimal places. Evidence for Task 2(b) could be generated from the Documenter again (selecting only Relationships in the options) but the evidence must show three correct one-to-many relationships. Candidates will not use their database structures to complete Tasks 3-5. Instead, centres should issue candidates with the second, fully populated database.

The **second database (SRCA Tasks 3-5)** will be a complete implementation of the system. This will include all validations, relationships etc – ie an exact implementation of the data dictionary provided to candidates at Task 2. This working database should be issued to candidates **after** Task 2 has been submitted. Candidates **must** use this working database to complete Tasks 3-5.

Microsoft Access and Filemaker files are provided. Centres using other systems will require to create both versions of the databases from the tab separated file and csv files provided. These files can also be used if centres encounter any difficulties with the supplied Access or Filemaker databases.

Additional notes follow which detail how candidate evidence is to be generated.

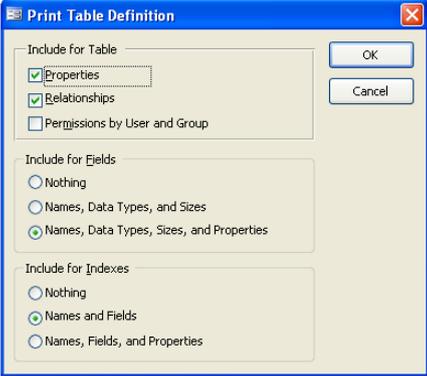
Notes:

Candidates may be reminded that this Coursework is taken under “open book” conditions. As such, use may be made on on-line help facilities, notes or any other support materials in the course of carrying out tasks.

Candidates should be given a copy of the marking grid from Section 3 (**not** the detailed marking instructions) before starting the task so that they are aware of the mark distribution for each part.

The entire Coursework Task consists of nine tasks. Centres should take note of the points detailed below for each task.

Task	Evidence
1	Hardcopy of proforma provided or can be produced by the candidate. Task 1 must be completed and data dictionary handed in for marking before the materials for Task 2 are issued.
2 (a)	Documenter (MS Access) printout or equivalent showing table structure for the Event table only.
2 (b)	<p>Printout showing correct cardinality of relationships (Documenter in Access can be used to produce only the relationships information through the options).</p> <ul style="list-style-type: none">○ In FileMaker Pro8, to get a printout of the design, candidates should adhere to the following instructions.<ol style="list-style-type: none">(1) Select the “Define” option from the File menu and then select the “Database” option from the sub-menu.(2) Click on the Tables tab.(3) Highlight both tables by clicking on the name of the first table then holding down the shift key and clicking on the other table.(4) Click on the Print button.○ In MS Access, to get a printout of the design, candidates should adhere to the following instructions.<ol style="list-style-type: none">(1) Select the “Analyze” option from the Tools menu and then select the “Documenter” option from the sub-menu.(2) Select the table(s) required and then click Options button.(3) Make sure that the following options are checked/selected:<ul style="list-style-type: none">• Include for Table<ul style="list-style-type: none">➤ Properties➤ Relationships• Include for Fields<ul style="list-style-type: none">➤ Names, Data Types, Sizes and Properties• Include for Indexes<ul style="list-style-type: none">➤ Names and Fields(4) Required table design is displayed on screen and can be printed.

	 <p>Task 2 (b) also requires a printout or hardcopy of the relationships.</p> <ul style="list-style-type: none"> ○ Printing Relationships in FileMaker 8. <ol style="list-style-type: none"> (1) Select the “Define” option from the File menu and then select the “Database” option from the sub-menu. (2) Click on the Relationships tab then click on the Print button. ○ Printing Relationships in Access <ol style="list-style-type: none"> (1) Open the Relationships window. (2) Select the “Print Relationships” option from the File menu.
3	Printout of report.
4	Printout of report, proof of each club on single page with evidence to show that there are 5 pages in total.
5	Hardcopy that clearly shows use and details of macro or script (again, available through Documenter in Access – simply change options in dialogue box).
6	Printouts of screenshot and HTML. Mark webpage implementation from HTML.
7	Printouts of screenshot and HTML. Mark webpage implementation from HTML.
8	Printouts of screenshot and HTML. Mark webpage implementation from HTML.
9	Printout of document.

Screenshots for multiple tasks may be combined into a single page/document but should be clearly labelled as to which task each screenshot is evidence for.

Section 2

Coursework Task

Coursework Task: The Scottish Racing Car Association

Higher Information Systems Coursework Task 2012-2013

Background

The Scottish Racing Car Association (SRCA) organises a series of events throughout the year.

To participate in any event a **Driver** must be licensed and be a member of one recognised car **Club**. A Driver may drive a different car at different events but can only drive one car at any particular event.

A **Car** must be registered for racing and be suitable for one of the following classes – Street Standard, Street Modified, Racing. Once a car is approved for racing it is given a unique ID number.

Only one **Event** may take place on a particular date. At any event a driver may only drive one car but a car may be driven by more than one driver. Drivers race one at a time against the clock along the course. Each driver is allowed three attempts at the course and the time for each attempt (which is always less than 100 seconds) is recorded. The course cannot be completed in less than 40 seconds by any class and any attempt which is not started or not completed is awarded a time of 99.99 seconds. The winner of each class is the driver with the lowest total time over all of their three attempts.

SRCA use a relational database to manage this information.

The relational data model is shown on the next page.

Entities

The resulting data model is shown below where primary keys are shown in **bold and underlined**, while asterisks (*) indicate foreign keys.

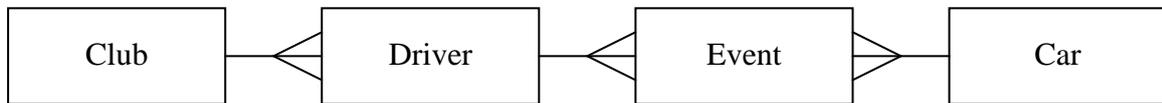
Driver (**LicenceNo**, DriverForename, DriverSurname, DriverAddress, DriverTown, DriverPostcode, ClubName*)

Car (**CarID**, Make, Model, Class)

Club (**ClubName**, SecretaryForename, SecretarySurname, SecretaryAddress, SecretaryTown, SecretaryPostcode, SecretaryTelephone)

Event (**LicenceNo***, CarID*, **EventDate**, Time1, Time2, Time3)

The entity-relationship diagram for the system is shown below.



A data dictionary has been produced prior to implementation in a relational database. Part of this is shown below.

Data Dictionary

Entity	Attribute	PK/ FK	Data Type/Size	Unique	Required	Validation
Driver	LicenceNo	PK	Number	Y	Y	
	DriverForename		Text (30)	N	Y	
	DriverSurname		Text (30)	N	Y	
	DriverAddress		Text (30)	N	Y	
	DriverTown		Text (15)	N	Y	
	DriverPostcode		Text (8)	N	Y	
	ClubName	FK	Text(30)	N	Y	Lookup from Club
Car	CarID	PK	Number	Y	Y	
	Make		Text (15)	N	Y	
	Model		Text (15)	N	N	
	Class		Text (15)	N	Y	Street Standard or Street Modified or Racing
Club	ClubName	PK	Text (30)	Y	Y	
	SecretaryForename		Text (30)	N	Y	
	SecretarySurname		Text (30)	N	Y	
	SecretaryAddress		Text (30)	N	Y	
	SecretaryTown		Text (15)	N	Y	
	SecretaryPostcode		Text (8)	N	Y	
	SecretaryTelephone		Text (12)	Y	N	
Event	LicenceNo		Number	N	Y	
	CarID		Number	N	Y	
	EventDate		Date	N	Y	
	Time1		Number	N	Y	
	Time2		Number	N	Y	
	Time3		Number	N	Y	

Task	Evidence Required
<p>1 Your teacher/lecturer will provide you with a partially completed data dictionary for the Event table.</p> <p>Using the background information provided, complete the data dictionary for the Event table by making appropriate entries in the shaded areas as indicated.</p>	<p>Completed data dictionary</p> <p>(Task 1 Proforma)</p>

You must now submit your answer to Task 1 to your teacher/lecturer.

Before attempting the tasks in this section ask your teacher/lecturer for a completed data dictionary.

You will also need access to pre-prepared database tables.

You **MUST** complete tasks in the sequence indicated.

Task	Evidence Required
2	Database tables have been created for the Driver, Car and Club tables.
(a) Using the completed data dictionary issued by your teacher/lecturer, create the Event table. You should pay particular attention to: <ul style="list-style-type: none"> • data type (text size) • required • validation – where appropriate ensure that only valid values may be entered • primary and foreign keys 	Hardcopy (printout or screenshots) of table structure including field types, validation checks etc.
(b) Set up/edit the relationships between all the tables as indicated by the entity-relationship diagram.	Hardcopy (printout or screenshots) of relationships between tables.

You must now submit all hardcopies for Task 2 to your teacher/lecturer.

Ask your teacher/lecturer for the completed database. This database must be used to carry out Tasks 3–5.

The events organiser at SRCA would like to know how many licensed drivers took part in each event. To find this he has used his relational database management software to prepare the following report.

Number of Drivers at each Event

Date	Number of Drivers
24/03/2012	23
22/04/2012	26
26/05/2012	24
24/06/2012	26

The event organiser now wants a similar report but this time it should show the number of licensed drivers in each club. The list should be ordered in alphabetical order of club.

Task	Evidence Required
3 Using appropriate database functions, create a report that displays the total number of licensed drivers in each club. The report data should be ordered by club name. Your report should look similar to the one above, be labelled appropriately and should include only the club name and number of drivers in each club.	Printout of report/layout

The results committee of SRCA would like to send the secretary of each club a page of a report showing the results for that club so far.

Dunshiel Motor Racing Club						
<u>Secretary</u>						
William Preston						
8 Marse Road						
Sirling						
SG7 8QC						
<hr/>						
24/05/2012			Time 1	Time 2	Time3	TotalTime
Racing	Harris	Mitchell	59.13	57.84	58.47	175.44
Street Modified	Daniel	Thomson	65.14	65.46	67.72	198.32
	Josh	Rosario	65.99	67.29	65.08	198.36
Street Standard	Jake	Robertson	72.28	76.31	75.44	224.03
	Malcolm	Ross	73.42	77.99	73.57	224.98
	Robbie	Wilson	73.76	78.95	78.56	231.27
<hr/>						
22/04/2012			Time 1	Time 2	Time3	TotalTime
Racing	Harris	Mitchell	54.12	53.01	52.22	159.35
Street Modified	Daniel	Thomson	63.55	64.61	62.15	190.31
	Josh	Rosario	66.58	65.14	65.92	197.64
Street Standard	Jake	Robertson	72.24	71.94	69.16	213.34
	Robbie	Wilson	73.44	75.22	72.59	221.25
	Malcolm	Ross	74.09	74.91	74.88	223.88
<hr/>						
26/05/2012			Time 1	Time 2	Time3	TotalTime
Racing	Harris	Mitchell	61.23	60.07	60.99	182.29
Street Modified	Josh	Rosario	71.10	73.28	73.82	218.20
	Daniel	Thomson	71.40	74.84	73.06	219.30
Street Standard	Malcolm	Ross	80.23	81.45	79.40	241.08
	Jake	Robertson	79.98	81.91	86.44	248.33
	Robbie	Wilson	82.19	81.82	85.75	249.76
<hr/>						
24/06/2012			Time 1	Time 2	Time3	TotalTime
Racing	Harris	Mitchell	49.68	50.16	50.31	150.15
Street Modified	Daniel	Thomson	63.31	61.42	62.23	186.96
	Josh	Rosario	62.84	63.38	63.22	189.44
Street Standard	Malcolm	Ross	71.10	75.01	74.64	220.75
	Jake	Robertson	72.84	76.34	72.04	221.22
	Robbie	Wilson	73.05	73.53	75.73	222.31
<hr/>						

Page 1 of 5

The above example shows the results page for Dunshiel Motor Racing Club.

Task	Evidence Required
<p>4 Create a report to show the above information for all the clubs with each club fitted on a single separate page. Your report should follow the above layout and format as closely as possible, including the text “Secretary”, information about the Secretary and a line after the information for each date. The report should be sorted by date, class and total time as shown above.</p> <ul style="list-style-type: none"> Print evidence to show that there are 5 pages in total in this report. Print the page to show the results for Dunton Drivers. 	<p>Printout of report/layout</p> <p>Printouts of</p> <ul style="list-style-type: none"> Proof of 5 pages Correct club

The event organiser thinks it would be helpful to view a list of drivers at each Club. When a specific club is chosen the Club Selector screen closes and is replaced by a list of all drivers at that club. The list of drivers also includes a link back to the Club Selector screen, as shown below using the “Dunton Drivers” club as an example.

Club Selector

Dunshiel Motor Racing club

Dunton Drivers

Scotia Motor Club

SouthEast Scotland Car Club

Western Auto Association

Fig (a) Club Selector Form

Dunton Drivers

Club Name	Forename	Surname
Dunton Drivers	Aidan	Clark
Dunton Drivers	Gregor	Watson
Dunton Drivers	Neil	Murray
Dunton Drivers	Gail	MacDonald
Dunton Drivers	Andrew	Stewart

[Return to Club Selector](#)

Fig (b) Drivers at chosen Club

Task		Evidence Required
5	<p>Your SRCA database already includes the Club Selector form shown in <i>Fig (a)</i> above.</p> <p>Choose one club and create, using a macro or script, a navigational link to a separate form/layout that shows only the drivers available from that club, as shown in <i>Fig (b)</i>. Include on this form/layout a link back to the Club Selector screen, again through the use of a macro or script.</p> <p>Each navigational link should close the current form/layout and open the selected form/layout.</p>	<p>Printout of form/layout</p> <p>Printout of macros/scripts used to control navigational features</p>

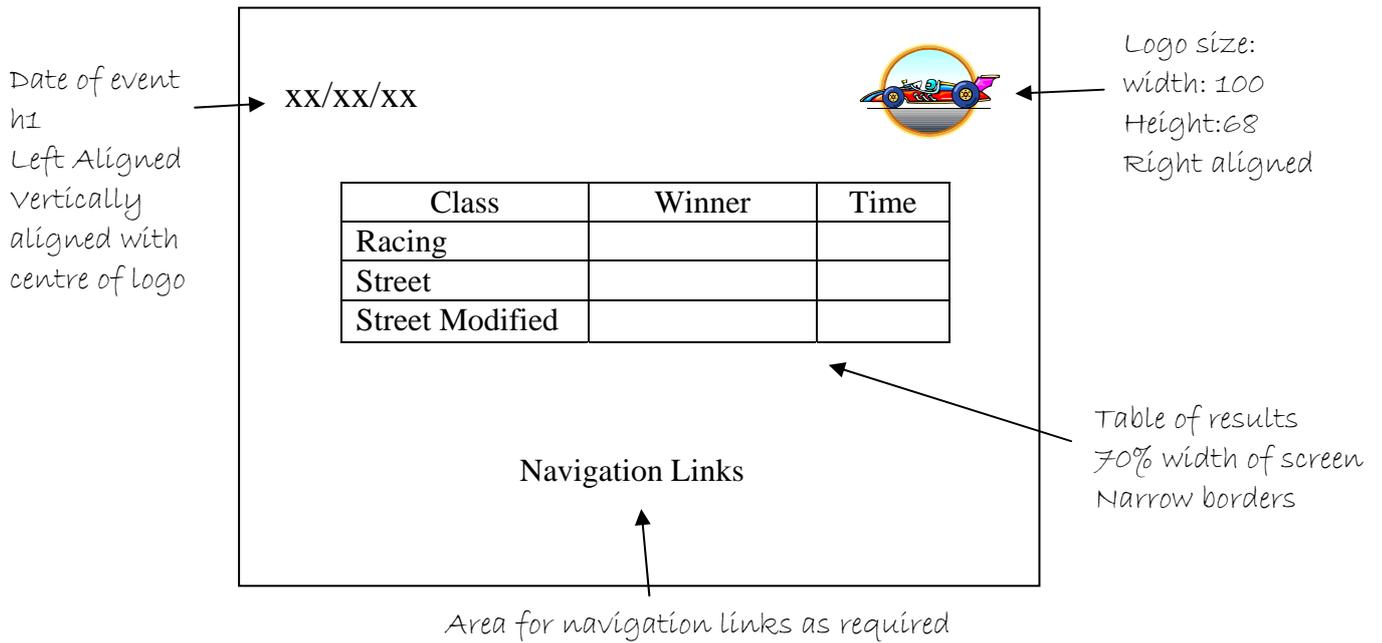
Ask your teacher/lecturer for a copy the files required for this part of the task. They should be in a folder/directory named *SRCA Site*.

The results committee want to create a website to show the results of the events as the year progresses. The screenshot below shows the design of the homepage they would like.



Task	Evidence Required
<p>6 Using web authoring software with which you are familiar carry out the following tasks:</p> <ul style="list-style-type: none"> • Open the supplied file Home.html. • Add the background image “background.jpg”. • Define a style for h1 with right aligned, italic, orange text on a green background in a serif font. • Define a style for body text which is centre aligned white text in san-serif font. • Apply the styles you have created to the appropriate text. • Format the text “Event Dates” as shown above. <p>When you are finished, load your webpage into a browser of your choice. Obtain a screen shot of your webpage displayed in the browser.</p> <p>Using either your browser or web authoring software obtain a printout of the HTML source code which displays your webpage. Make sure your evidence includes all the code which shows the structure and style definitions of your webpage.</p>	<p style="text-align: center;">Screen shot of webpage</p> <p style="text-align: center;">Printout of HTML code</p>

The results committee has now decided on the design of the pages to show the results for every event. This is shown below.



Task	Evidence Required
<p>7 Using web authoring software with which you are familiar create a template or master page for the results pages.</p> <p>Your page should</p> <ul style="list-style-type: none"> • Follow the design ideas above • Have a similar layout and formatting as above • Have editable areas for all changeable text and links. <p>Print</p> <ul style="list-style-type: none"> • A screenshot of your template • The HTML code for your template or master page. 	<p>Screenshot of template</p> <p>Printout of HTML code</p>

Task	Evidence Required
<p>8</p> <p>(a) Use the template/master page to create four webpages – one for each event date. You only need to fill in the correct date for each page, the table can be left blank.</p> <p>(b) Create the following navigational structure for your website.</p> <ul style="list-style-type: none"> • On the homepage each date should act as a hyperlink to the appropriate results page. • Each results page should have back, forward and return to homepage links as appropriate. <p>Print the HTML code of your homepage and all of the results pages</p>	<p>Printouts of HTML of five pages</p>
<p>9</p> <p>EITHER</p> <p>(a) The results committee would like to see your work so far. Load each of your webpages into a browser and obtain a screenshot of each page. Using appropriate software assemble these images with appropriate captions into a well-presented, well-structured single page document. Include a short paragraph commenting on your progress so far.</p> <p>Print out your document.</p> <p>OR</p> <p>(b) The results committee are worried about the size of the website. Obtain one or more screenshots showing:</p> <ul style="list-style-type: none"> • The storage location of the folder/directory containing the website files. • The contents of this folder/directory along with the size of each file. <p>Include these screenshots with appropriate captions in a well-presented, well-structured single page document.</p> <p>Include a short paragraph commenting on the file sizes.</p> <p>Print out your document.</p>	<p>Printouts of single page document</p>

Section 3

Marking Grid

Marking Grid

Name _____ Date _____

Task	Possible Marks	Actual Marks	Evidence	Comment
1	5		Completed data dictionary	
2(a)	5		Printout of table structure	
2(b)	2		Printout showing relationships	
3	3		Printout of report	
4	11		Printout of report/proof of 5 pages	
5	4		Printout of macros/scripts	
6	10		HTML code and screenshot	
7	9		HTML code and screenshot	
8(a)	2		Observation of creation from template. Webplus Site manager HTML code	
8(b)	6		HTML code	
9	3		Document	
	60			

Appendix 1

Task 1 Proforma

Name					
Data dictionary for Certificate entity					
Attribute	Keys	Data Type/Size	Unique	Reqd	Validation
LicenceNo		Number	N	Y	
CarID		Number	N	Y	-
EventDate		Date	N	Y	
Time1		Number	N	Y	
Time2		Number	N	Y	
Time3		Number	N	Y	

Appendix 2

Completed Data Dictionary

Only to be issued after completion and submission of Task 1

Entity	Attribute	Keys	Data Type/Size	Unique	Required	Validation
Driver	LicenceNo	PK	Number	Y	Y	
	DriverForename		Text (30)	N	Y	
	DriverSurname		Text (30)	N	Y	
	DriverAddress		Text (30)	N	Y	
	DriverTown		Text (15)	N	Y	
	DriverPostcode		Text (8)	N	Y	
	ClubName	FK	Text (30)	N	Y	Lookup from Club
Car	CarID	PK	Number	Y	Y	
	Make		Text (15)	N	Y	
	Model		Text (15)	N	N	
	Class		Text (15)	N	Y	Street Standard or Street Modified or Racing
Club	ClubName	PK	Text (30)	Y	Y	
	SecretaryForename		Text (30)	N	Y	
	SecretarySurname		Text (30)	N	Y	
	SecretaryAddress		Text (30)	N	Y	
	SecretaryTown		Text (15)	N	Y	
	SecretaryPostcode		Text (8)	N	Y	
	SecretaryTelephone		Text (12)	Y	N	
Event	LicenceNo	PK/FK	Number	N	Y	Lookup from Driver
	CarID	FK	Number	N	Y	Lookup from Car
	EventDate	PK	Date	N	Y	
	Time1		Number	N	Y	>=40 and <=99.99
	Time2		Number	N	Y	>=40 and <=99.99
	Time3		Number	N	Y	>=40 and <=99.99

Appendix 3

Detailed Marking Instructions

Strictly Confidential

Detailed Marking Instructions – Do not issue to candidates.

				Marks
1	Data Dictionary	5	Keys (1 mark each)	3,2,1,0
			Lookup from Driver/Lookup from CarID (all correct)	1
			Validation Time1	1
2	Create Event	5	Data type/size correct	1
			PK correct	1
			Required correct	1
			Validation correct – Lookups – 1mark Time – 1 mark	2,1,0
	Links between tables	2	3 correct one-to-many relationships = 2 marks 2 correct one-to-many relationships = 1 mark 0 or 1 correct or with help = 0 marks (all with referential integrity)	2,1,0
3	Report showing total number of drivers in each club	3	Calculate count for each club (query)	1
			Sort club name ascending order	1
			Layout (change total field name, field names ad data visible).	1
4	Report for Dunton Drivers. Report, Query and design required	11	Grouped by Club	1
			Grouped by Date	1
			Grouped by Class	1
			Total time calculated	1
			Sort by Total Time	1
			Format time fields as fixed 2 decimal places	1
			Correct field order	1
			Secretary details added (including text “Secretary”)	1
			Line added after each date	1
			Fit each club to a single page	1
Proof of 1 club on each of 5 pages	1			
5	Navigation links	4	Navigation link from selector to list of Drivers (close, filter, open)	2,1,0
			Navigation from list of Drivers to Club Selector (close, open)	2,1,0

				Marks
6	Home page (Mark from HTML code)	10	Background image	1
			Define style for h1 Text colour orange = 1 mark Background colour green = 1 mark Align right = 1 mark Italic style = 1 mark (above applied to text but not defined as style = 1 mark)	4,3,2,1,0
			Define style for body Text colour/alignment = 1 mark San-serif font = 1 mark above applied to text but not defined as style = 1 mark)	2,1,0
			Text "Event Dates" formatted Size H3/text colour white/centre aligned (all 3 = 2 marks, 2 correct = 1 mark)	2,1,0
			Print HTML code	1
7	Result page Master/template (Mark from HTML code)	9	Template created	1
			Editable areas created	1
			Date vertically aligned to centre of logo	1
			Logo correct size	1
			Date and logo correct horizontal alignment	1
			Table 3x4	1
			Border size 1 or 2	1
			Table 70%	1
			Print HTML and Screenshot	1
8(a)	Results pages (Evidence may be package dependent)	2	Create 4 results pages 4 correct = 2 marks, 3 or 2 correct = 1 mark	2,1,0
8(b)	Navigation (Mark from HTML code)	6	Homepage hyperlinks	1
			Page 2 forward and home links only	1
			Pages 3 and 4 forward/back and home links	1
			Page 5 back and home links only	1
			HTML links correct All correct = 2 marks, 1 or 2 errors = 1 mark, >2 errors = 0 marks	2,1,0

9	Pages document	3	<ul style="list-style-type: none"> • 5 webpages included on single page • Use of rows/columns • Correct order of images • Distributed over page • Labels or captions • Explanatory text well formatted and positioned 	Any three bullet points 1 mark each	3,2,1,0
OR					
9	Folder/Directory Document	3	<ul style="list-style-type: none"> • Correct images included • Rows/columns • Correct order • Distributed over page • Labels or captions • Explanatory text well formatted and positioned 	Any three bullet points 1 mark each	3,2,1,0

Task 3

Number of Drivers per Club

Club Name	No of Drivers
Dunshiel Motor Racing Club	6
Dunton Drivers	5
Scotia Motor Club	5
SouthEast Scotland Car Club	5
Western Auto Association	5

Task 4 Possible evidence of multiple pages

Dunton Drivers

Secretary
Sharon Coyle
Biggarton Farm
Northbank
NO11 3RR

24/03/2012	Racing	Neil	Murray	56.49	57.77	60.61	174.87
		Andrew	Stewart	56.99	59.70	60.77	177.46
	Street Modified	Gregor	Watson	65.84	66.67	67.41	199.92
	Street Standard	Gail	MacDonald	72.01	72.28	72.42	216.71
		Aidan	Clark	79.39	75.92	74.22	229.53
<hr/>							
22/04/2012	Racing	Neil	Murray	53.65	53.18	55.76	162.59
		Andrew	Stewart	54.24	55.27	54.06	163.57
	Street Modified	Gregor	Watson	65.31	66.33	64.11	195.75
<hr/>							
	Street Modified	Gregor	Watson	73.56	74.65	72.89	221.10
	Street Standard	Aidan	Clark	82.83	83.38	79.12	245.33
		Gail	MacDonald	81.71	85.03	83.31	250.05
<hr/>							
24/06/2012	Racing	Andrew	Stewart	49.02	49.29	49.27	147.58
		Neil	Murray	49.90	50.63	50.01	150.54
	Street Modified	Gregor	Watson	60.52	60.41	60.93	181.86
	Street Standard	Aidan	Clark	74.04	75.93	73.56	223.53
		Gail	MacDonald	73.89	76.61	75.02	225.52

Page: 14 | 2 | No Filter

Page 2 of 5

Sample HTML for WebPlus

Task 6 Home page formatting

H1 formatting

```
.Heading-1-C
{
    font-family:"Times New Roman", serif; font-style:italic; color:#ff8000;
background:#008000; font-size:32.0px; line-height:1.19em;
}
```

H3 formatting

```
.Heading-3-C
{font-family:"Times New Roman", serif; font-weight:700; color:#ffffff;
font-size:16.0px; line-height:1.25em;}
.Heading-3-P
{margin:12.0px 0.0px 0.0px 0.0px; text-align:center; font-weight:400;}
```

Body formatting

```
.Body-C-C0
{font-family:"Verdana", sans-serif; color:#ffffff; font-size:16.0px; line-
height:1.13em;
}
```

Click here to open style sheet to
show alignment for H1 and body



```
<link rel="stylesheet" href="wpscripts/wpstyles.css" type="text/css">
```

```
.Wp-Body-P
{margin:0.0px 0.0px 12.0px 0.0px; text-align:center; font-weight:400;}
.Wp-Heading-1-P
{margin:32.0px 0.0px 4.0px 0.0px; text-align:right; font-weight:400;}
```

Background image

```
<body text="#000000" style="background-color:#ffffff;background-
image:url(background.jpg);background-repeat:no-repeat;background-
position:0px 0px;background-attachment:fixed; text-align:center;
height:766px;">
```

Text formatting

```
<h1 class="Wp-Heading-1-P" style="margin-top:0px"><span class="Heading-1-
C">Scottish Racing Car Association</span></h1>
<h1 class="Wp-Heading-1-P"><span class="Heading-1-C">Season 2012 results so
far</span></h1>

<h3 class="Heading-3-P"><span class="Heading-3-C">Event Dates</span></h3>

<p class="Wp-Body-P"><span class="Body-C-C0">24/3/2012</span></p>
<p class="Wp-Body-P"><span class="Body-C-C0">22/4/2012</span></p>
<p class="Wp-Body-P"><span class="Body-C-C0">25/5/2012</span></p>
<p class="Wp-Body-P"><span class="Body-C-C0">24/6/2012 </span></p>
```

Task 7

New page with Master applied

Date and logo

```
<div style="background-color:transparent;text-align:left;margin-left:auto;margin-right:auto;position:relative;width:750px;height:1000px;">
```

This shows the width of the page

```
<td style="vertical-align:middle; padding:1px 4px 1px 4px;">  
<h1 class="Heading-1-P" style="margin-top:0px"><span class="Heading-1-C">Date</span></h1>
```

```
</td><td style="vertical-align:top; padding:1px 4px 1px 4px;">  
<p class="Table-Body-P"><span class="Table-Body-C"></span></p>
```

```
<table id="table_2" cellspacing="0" cellpadding="0" style=" border-collapse: collapse; position:absolute; left:112px; top:209px; width:526px; height:174px;">
```

This number should be 70% of the above page width

Table of results

```
<td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Wp-Table-Body-P"><span class="Table-Body-C-C0">Class</span></p></td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Wp-Table-Body-P"><span class="Table-Body-C-C0">Winner</span></p></td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Wp-Table-Body-P"><span class="Table-Body-C-C0">Time</span></p></td></tr>
```

```
<tr style="height:40px;">
```

```
<td style="vertical-align:middle; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Table-Body-P-P0"><span class="Table-Body-C-C0">Racing</span></p></td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Wp-Table-Body-P"><span class="Table-Body-C">&nbsp;</span></p></td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Wp-Table-Body-P"><span class="Table-Body-C">&nbsp;</span></p></td></tr>
```

```
<tr style="height:40px;">
```

```
<td style="vertical-align:middle; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Table-Body-P-P0"><span class="Table-Body-C-C0">Street</span></p></td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Wp-Table-Body-P"><span class="Table-Body-C">&nbsp;</span></p></td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
```

```
<p class="Wp-Table-Body-P"><span class="Table-Body-C">&nbsp;</span></p></td></tr>
```

```

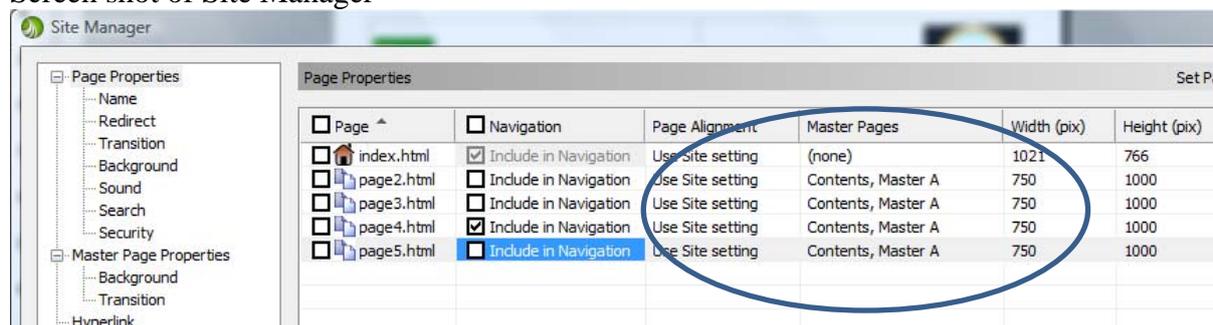
<tr style="height:40px;">
<td style="vertical-align:middle; padding:1px 4px 1px 4px; border:1px solid #000000;">
<p class="Table-Body-P-P0"><span class="Table-Body-C-C0">Street Modified</span></p>
</td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
<p class="Wp-Table-Body-P"><span class="Table-Body-C">&nbsp;</span></p>
</td><td style="vertical-align:top; padding:1px 4px 1px 4px; border:1px solid #000000;">
<p class="Wp-Table-Body-P"><span class="Table-Body-C">&nbsp;</span></p>
</td></tr>

```

Task 8a)

Proof of use of Master Page

Screen shot of Site Manager



Homepage showing navigation links

```

<p class="Wp-Body-P"><span class="Body-C-C0"><a href="page2.html" target="_blank" style="text-decoration:underline;">24/3/2012</a></span></p>

```

```

<p class="Wp-Body-P"><span class="Body-C-C0"><a href="page3.html" style="text-decoration:underline;">22/4/2012</a></span></p>

```

```

<p class="Wp-Body-P"><span class="Body-C-C0"><a href="page4.html" style="text-decoration:underline;">25/5/2012</a></span></p>

```

```

<p class="Wp-Body-P"><span class="Body-C-C0"><a href="page5.html" style="text-decoration:underline;">24/6/2012</a></span></p>
</div>

```

Page 2 (March results) showing navigation links

```
<a href="index.html" id="btn_2" class="Button1" style="position:absolute;left:311px;top:433px;width:139px;height:35px;"><span>Home</span></a>
```

```
<a href="page3.html" id="btn_3" class="Button1" style="position:absolute;left:476px;top:434px;width:139px;height:35px;"><span>Next</span></a>
```

Page 3 (April results) showing navigation links

```
<a href="page4.html" id="btn_4" class="Button1" style="position:absolute;left:483px;top:449px;width:127px;height:32px;"><span>Next</span></a>
```

```
<a href="index.html" id="btn_2" class="Button2" style="position:absolute;left:310px;top:446px;width:139px;height:35px;"><span>Home</span></a>
```

```
<a href="page2.html" id="btn_5" class="Button3" style="position:absolute;left:141px;top:448px;width:133px;height:33px;"><span>Previous</span></a>
```

Page 4 (May results) showing navigation links

```
<a href="index.html" id="btn_2" class="Button1" style="position:absolute;left:307px;top:457px;width:139px;height:35px;"><span>Home</span></a>
```

```
<a href="page5.html" id="btn_4" class="Button2" style="position:absolute;left:498px;top:460px;width:127px;height:32px;"><span>Next</span></a>
```

```
<a href="page3.html" id="btn_5" class="Button3" style="position:absolute;left:132px;top:459px;width:133px;height:33px;"><span>Previous</span></a>
```

Page 5 (June results) showing navigation links

```
<a href="index.html" id="btn_2" class="Button1" style="position:absolute;left:304px;top:443px;width:139px;height:35px;"><span>Home</span></a>
```

```
<a href="page4.html" id="btn_5" class="Button2" style="position:absolute;left:138px;top:444px;width:133px;height:33px;"><span>Previous</span></a>
```

Sample HTML from Kompozer

Task 6 Home page formatting

```
<html>
<head>
  <title>Home</title>
  <style type="text/css">
    h1 {
      font-family: "Times New Roman",Times,serif;
      color: #ff9900;
      background-color: #009900;
      font-style: italic;
      text-align: right;
    }
    body {
      text-align: center;
      color: white;
      font-family: Arial,Helvetica,sans-serif;
    }
  </style>
</head>
<body style="background-image: url(Images/background.jpg);">
<h1>Scottish Racing Car Association</h1>
<h1>Season 2012 results so far</h1>
<br>
<br>
<h3 style="font-family: Times New Roman,Times,serif;">Event
Dates</h3>
24/3/2012<br>
22/4/2012<br>
25/5/2012<br>
24/6/2012<br>
</body>
</html>
```

Task 7 Template HTML

```
<html template="true">
<head>
  <meta content="text/html; charset=ISO-8859-1" http-equiv="content-type">
  <title>Results Template</title>
</head>
<body>
<table
style="width: 100%; text-align: left; margin-left: auto; margin-right: auto;" border="0"
cellpadding="2" cellspacing="2">
  <tbody>
    <tr> <td>
      <h1><span editable="true" id="Date">XX/XX/XX</span></h1>
    </td>
    <td style="text-align: right;"> </td>
  </tr>
</tbody>
</table>
<br>
<table
style="width: 70%; text-align: left; margin-left: auto; margin-right: auto;"
border="1" cellpadding="2" cellspacing="2">
  <tbody>
    <tr>
      <td style="text-align: center;">Class</td>
      <td style="text-align: center;">Winner</td>
      <td style="text-align: center;">Time</td>
    </tr>
    <tr>
      <td>Racing</td>
      <td><span editable="true" id="RacingWinner">RacingWinner</span></td>
      <td><span editable="true" id="RacingTime">RacingTime</span></td>
    </tr>
    <tr>
      <td>Street</td>
      <td><span editable="true" id="StreetWinner">StreetWinner</span></td>
      <td><span editable="true" id="StreetTime">StreetTime</span></td>
    </tr>
    <tr>
      <td>Street Modified</td>
      <td><span editable="true" id="StModifiedWinner">StModifiedWinner</span></td>
      <td><span editable="true" id="StModifiedTime">StModifiedTime</span></td>
    </tr>
  </tbody>
</table>
<br>
<span editable="true" id="LinkArea">LinkArea</span><br>
<br>
```

Task 8b
Homepage with links

```
<title>Home</title>
<style type="text/css">
h1 {
font-family: "Times New Roman",Times,serif;
color: #ff9900;
background-color: #009900;
font-style: italic;
text-align: right;
}
body {
text-align: center;
color: white;
font-family: Arial,Helvetica,sans-serif;
}
</style>
</head>
<body style="background-image: url(Images/background.jpg);">
<h1>Scottish Racing Car Association</h1>
<h1>Season 2012 results so far</h1>
<br>
<br>
<h3 style="font-family: Times New Roman,Times,serif;">Event
Dates</h3>
<a href="Page%202.html" target="_top">24/3/2012</a><br>
<a href="Page%203.html" target="_top">22/4/2012</a><br>
<a href="Page%204.html" target="_top">25/5/2012</a><br>
<a href="Page%205.html" target="_top">24/6/2012</a><br>
</body>
</html>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html templateref="/Results%252520Template.mzt">
<head>
  <title>March results</title>
</head>
<body>
<table
  style="width: 100%; text-align: left; margin-left: auto; margin-right: auto;"
  border="0" cellpadding="2" cellspacing="2">
<tbody>
<tr>
<td>
<h1>24/3/2012</h1>
</td>
<td style="text-align: right;"> </td>
</tr>
</tbody>
</table>
<br>
<br>
<br>
<table
.....
.....          HTML as for Template
.....
</tbody>
</table>
<br>
<div style="text-align: center;"><a href="Home.html"target="_top">Home</a></div></div>
<br>
<div style="text-align: center;"><a
href="Page%203.html"target="_top">Next</a><br></div>
</body>
</html>
```

Page 3 links

```
<title>April results</title>

<tr>
  <td>
    <h1>22/4/2012</h1>
  </td>
  .....
  .....
  .....
<div style="text-align: center;"><a href="Page%202.html" target="_top">Previous</a><br>
<a href="Home.html" target="_top">Home</a><br>
<a href="Page%204.html" target="_top">Next</a></div>

</body>
</html>
```

Page 4 links

```
<title>May results</title>

<tr>
  <td>
    <h1>25/5/2012</h1>
  </td>
  .....
  .....
  .....
<div style="text-align: center;"><a href="Page%203.html" target="_top">Previous</a><br>
<a href="Home.html" target="_top">Home</a><br>
<a href="Page%205.html" target="_top">Next</a></div>

</body>
</html>
```

Page 5 links

```
<title>June results</title>
</head>

  <h1>24/6/2012</h1>
  .....
  .....
  .....

<a href="Page%204.html" target="_top">Previous</a><br>
<a href="Home.html" target="_top">Home</a><br>
```

Sample HTML for Dreamweaver

Task 6 Homepage

```
DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
<html><head>
<meta content="text/html; charset=iso-8859-1" http-equiv="Content-Type">
<title>Home</title><style type="text/css">
<!--
h1 {
    font-family: "Times New Roman", Times, serif;
    font-style: italic;
    color: #FF9933;
    background-color: #009900;
    text-align: right;
}
body {
    font-family: Verdana, Arial, Helvetica, sans-serif;
    color: #FFFFFF;
    text-align: center;
    background-image: url(Images/background.jpg);
}
.style1 {font-family: "Times New Roman", Times, serif}
-->
</style>
</head><body>
<h1>Scottish Racing Car Association</h1>
<h1>Season 2012 results so far</h1>
<br>
<br>
<br>
<h3> <span class="style1">Event Dates</span></h3>
24/3/2012<br>
22/4/2012<br>
25/5/2012<br>
24/6/2012<br>
</body>
</html>
```

Task 7 Template HTML

```
<body>
<table width="100%" border="0">
  <tr>
    <div align="left"><!-- TemplateBeginEditable name="Date" --><h1>Date</h1><!--
    TemplateEndEditable --></div>
    <div align="right"></div>
  </tr>
</table>
<p>&nbsp;</p>
<p>&nbsp;</p>
<div align="center">
  <table width="70%" border="1">
    <tr>
      <th scope="col">Class</th>
      <th scope="col">Winner</th>
      <th scope="col">Time</th>
    </tr>
    <tr>
      <td>Racing</td>
      <td><!-- TemplateBeginEditable name="RacingWinner" -->RacingWinner<!--
      TemplateEndEditable --></td>
      <td><!-- TemplateBeginEditable name="RacingTime" -->RacingTime<!--
      TemplateEndEditable --> </td>
    </tr>
    <tr>
      <td>Street</td>
      <td><!-- TemplateBeginEditable name="StreetWinner" -->StreetWinner<!--
      TemplateEndEditable --></td>
      <td><!-- TemplateBeginEditable name="StreetTime" -->StreetTime<!--
      TemplateEndEditable --></td>
    </tr>
    <tr>
      <td>Street Modified </td>
      <td><!-- TemplateBeginEditable name="StModifiedWinner" -->StModifiedWinner<!--
      TemplateEndEditable --></td>
      <td><!-- TemplateBeginEditable name="StModifiedTime" -->StModifiedTime<!--
      TemplateEndEditable --></td>
    </tr>
  </table>
</div>
<p>&nbsp;</p>
<p>&nbsp;</p>
<!-- TemplateBeginEditable name="LinkArea" -->Link Area<!-- TemplateEndEditable --
></div>
</body>
</html>
```

Task 8

Homepage links

```
<html><head>
<title>Home</title><style type="text/css">
<!--
h1 {
.....
.....
}
body {
.....
.....
}
.style1 {font-family: "Times New Roman", Times, serif}
-->
</style>
</head><body>
<h1>Scottish Racing Car Association</h1>
<h1>Season 2012 results so far</h1>
<br>
  <br>
  <br>
<h3> <span class="style1">Event Dates</span></h3>
  <a href="Page 2.html">24/3/2012</a><br>
  <a href="Page 3.html">22/4/2012</a><br>
  <a href="Page 4.html">25/5/2012</a><br>
  <a href="Page 5.html">24/6/2012</a><br>
</body></html>
```

Page 2 links

```
InstanceBegin template="/Templates/Results Template.dwt"
codeOutsideHTMLIsLocked="false" -->
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<!-- InstanceBeginEditable name="doctitle" -->
<title>March results</title>
.....
.....
div align="left"><!-- InstanceBeginEditable name="Date" --><h1>24/3/2012</h1>
.....
.....
  <!-- InstanceBeginEditable name="Links" -->
  <p><a href="Home.html">Home</a></p>
  <p><a href="Page 3.html">Next</a></p>
  <!-- InstanceEndEditable --></div>
</body>
<!-- InstanceEnd --></html>
```

Page 3 links

```
<!-- InstanceBeginEditable name="doctitle" -->
<title>April Results</title>
<!-- InstanceEndEditable -->
<!-- InstanceBeginEditable name="head" -->
<!-- InstanceEndEditable -->
</head>
<body>
<table width="100%" border="0">
  <tr>
    <th scope="col"><div align="left"><!-- InstanceBeginEditable name="Date" -->
      <h1>22/4/2012</h1>
      <!-- InstanceEndEditable --></div></th>
    .....
    .....
    .....
    <p>&nbsp;</p>
    <!-- InstanceBeginEditable name=" Link Area " -->
    <p><a href="Page 2.html">Previous</a></p>
    <p><a href="Home.html">Home</a></p>
    <p><a href="Page 4.html">Next</a></p>
    <!-- InstanceEndEditable --></div>
  </body>
<!-- InstanceEnd --></html>
```

Page 4 links

```
<!-- InstanceBeginEditable name="doctitle" -->
<title>May results</title>
<!-- InstanceEndEditable -->

<body>
<table width="100%" border="0">
  <tr>
    <th scope="col"><div align="left"><!-- InstanceBeginEditable name="Date" -->
      <h1>25/5/2012</h1>
      <!-- InstanceEndEditable --></div></th>
    .....
    .....
    .....
    <p>&nbsp;</p>
    <!-- InstanceBeginEditable name=" Link Area " -->
    <p><a href="Page 3.html">Previous</a></p>
    <p><a href="Home.html">Home</a></p>
    <p><a href="Page 5.html">Next</a></p>
    <!-- InstanceEndEditable --></div>
  </body>
<!-- InstanceEnd --></html>
```

Page 5 links

```
<!-- InstanceBeginEditable name="doctitle" -->
<title>June results</title>
<!-- InstanceEndEditable -->

    <th scope="col"><div align="left"><!-- InstanceBeginEditable name="Date" -->
        <h1>24/6/2012</h1>
    <!-- InstanceEndEditable --></div></th>
    .....
    .....
    <!-- InstanceBeginEditable name="Body" -->
    <p><a href="Page 4.html">Previous</a></p>
    <p><a href="Home.html">Home</a></p>
    <!-- InstanceEndEditable --></div>
</body>
<!-- InstanceEnd --></html>
```