



SIT774

Web Technologies and Development

Learning Summary Report

Achmad Mustafa Kemal
219374683

Self-Assessment Details

The following checklists provide an overview of my self-assessment for this unit.

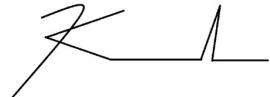
	Pass (D)	Credit (C)	Distinction (B)	High Distinction (A)
Self-Assessment				✓

Self-Assessment Statement

Declaration

I declare that this portfolio is my individual work. I have not copied from any other student's work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part of this submission been written for me by another person.

Signature: **Achmad Mustafa Kemal**



Portfolio Overview

Start with something like “This portfolio includes work that demonstrates that I have achieved all Unit Learning Outcomes for SIT774 Unit Title to a **High Distinction** level.”

I believe that I should get a High Distinction grade because I finished all tasks with a High Distinction grade target. Also, I believe that I reached all unit learning outcomes for SIT774. I can develop a website using HTML, CSS, Bootstrap and Javascript. Also, I can implement a database like SQLite3 in my website. I also can identify what my friend is doing in this subject. I can fix their problem in their code and give a solution to them about their problem. Now, I can know about website development.

To become a High Distinction candidate, I believe that I cover all aspects including learning outcomes. There are explain web technologies, client-side application design and development, web service design and implementation, option identification and application deployment and achieved outcome justification.

In the explain web technologies section, I must explain about purpose and operation of technologies that I want to use in my website project. There is related task for this learning outcome are Task 1.2 (Serve your own webpage) and Task 2.3 (publish a structural web page). For Task 1.2, I just create static HTML code that I must write it to finish the task. It's just only HTML and this is the beginning of the task for this subject. For Task 2.3, I must create a HTML file and must validate from W3C markup validation service. W3C markup validation service is a formal validation for websites. Mostly people use W3C to validate their website.

In the client-side application design and development (CADD) side, I must design and develop a client that based website with using tools, programming language and frameworks. There is related task with this learning outcome. There are Task 2.1 (Add image and hyperlinks into a webpage) and Task 2.2 (Create tables in your web page). For Task 2.1, I must create a website and must make link using the hyperlink in the HTML code. Hyperlink is a function that links to another page. We can use text for link and we can use image for using hyperlink. For Task 2.2, I create a table with using HTML code. In the beginning, I feel difficult but I found a way to finish the task.

In the web service design and implementation, it's almost the same like client-side application design and development (CADD) but I must use Node JS for this learning outcome. There is related task with this learning outcome. There are Task 8.1 (Creating a Node project) and Task 8.2 (Writing a Server Application). For Task 8.1, this task is creating a Node project for the first time. With using “app.get”, I can handle dynamic creation of code to send back. For Task 8.2, I create a Node project for the second time. This task makes us to show multiplication table in the local host with using Node JS.

In the option identification and application deployment, I must identify any chance to deploy web applications to environments. There is related task with this learning outcome. There are Task 5.3 (Website project specification, design and draft pages) and Task 9.3 (Create a Response Page for Website Project). Task 5.3 is creating our own website for this subject. So, I must customize our own website project. Task 9.3 is for creating a response page for my website.

project. For example, if the user type value in the form of my website, the user will know that their submitted data will be stored in the website.

The last thing is achieved outcome justification. This learning outcome is only justifying your own website. I must provide relevant evidence and explain the quality of that evidence against criteria. Task 7.4 (Improve your website) is related to this learning outcome because the task providing us to a relevant evidence to improve our website project. So, I must improve website and justify what is improvement that implemented in my website project.

In my conclusion, I should get a High Distinction grade because I'm doing better in all tasks. I also give best performance to this subject to get a best result in this tri semester.

Reflections

The most important things I learnt:

On this subject, I learn about how to develop a website with using Node JS, html, css, Javascript, bootstrap and SQLite3. There are many learning key points that I get in this subject. First learning key point is I can development website with new website tool like Node JS and SQLite3 because I'm still new about Node JS and SQLite3. I learn these two-website tool. Second learning key point is I learn more in-depth with Bootstrap, CSS and HTML. I know more about structure of HTML, CSS and Bootstrap.

I feel I learnt these topics, concepts, and/or tools really well:

The things are I really confident about Bootstrap and Javascript. Bootstrap is a modern CSS file for design a website. With using Bootstrap, the website looks tidier up and nice. Bootstrap is a helper for me to design my website. For Javascript, I used for validation in my website. Javascript is make my website have validation when the user visits my website.

I found the following topics particularly challenging:

I found the following topics particularly challenging are Task 10.2 (User Validation by Using Database) and Task 10.3 (Retrieve and Delete Data from database). The reason why I found the topic challenging because I must use SQLite3 in the website. For myself, I'm new with SQLite3 and I must learn about how to setup Node JS first and install SQLite3 into Node JS with using NPM installation.

I found the following topics particularly interesting:

The most interesting thing I learnt from this unit is I know the structure about Website development. In the past, I think it's all about coding but I realized that we must know structure our website project that want to developed. So that thing makes me more interesting about this subject.

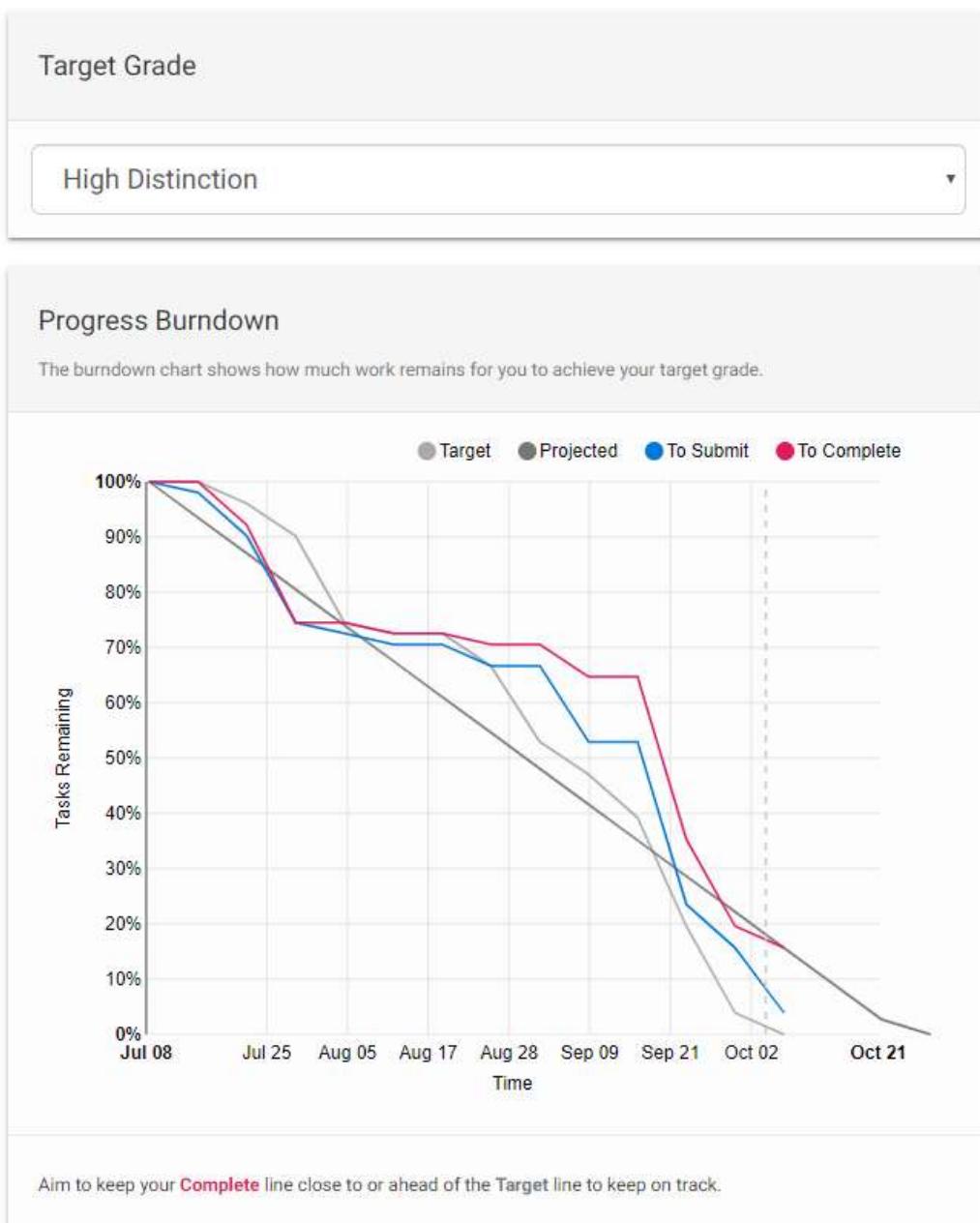
I still need to work on the following areas:

I still need to work on the following areas is SQLite3 in this subject. I'm just learn about SQLite3 only 2 weeks. For myself, it's not enough to only know about SQLite3 because I never know about SQLite3. I'm just know about MySQL to use for web development. So, I need to learn more about SQLite3.

The things that helped me most were:

The most helpful to help me in this subject are lecture and classmate. The lecture is so friendly and fast respond about my problem that I faced in this subject. The lecture always gives good feedback and good idea to me. Without him, maybe I found difficulty in this subject but the lecture always helps me in this subject. Also, my classmate helps me to solve my problem and discuss about the problem of website development. Having discussion with classmate is always good idea. Sometime they come out a good idea to website development.

My progress in this unit was ...:



My progress in this unit is almost done with all task in this unit. After I finish all task, I hope I can get HD result.

If I did this unit again, I would do the following things differently:

If I did this unit again, I would manage time about learning SQLite3 because SQLite3 is a simple database that can be used for website development. I want to try something new like MySQL. So, I need more time to learn more about SQLite3.

Other...:

My reflection is this unit will help a lot if I choose my job to become an IT Professional in the future. Website development is always an interesting job in the IT industry. Websites are still popular things in the IT industry area.

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ACHMAD MUSTAFA KEMAL

Portfolio Submission

Submitted By:

Achmad Mustafa KEMAL
akemal

Tutor:

Michael HOBBS

October 11, 2019



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2 Overall Task Status

Task	Status	Times Assessed
Structure a HTML tree	Complete	1
Serve your own web page	Complete	1
Add images and hyperlinks into a web page	Complete	1
Create tables in your web pages	Complete	1
Create, validate and publish a structural web page	Complete	2
Create a web page with inline styles	Complete	1
Create a web page with internal and external styles	Complete	1
CSS for background image pseudo-class and table	Complete	1
Two-column layout web page	Complete	1
Create a web page with Bootstrap	Complete	1
Create a form web page	Complete	1
Create a form web page from requirements	Complete	2
Website project specification, design and draft pages	Complete	1
Jumpstart JavaScript	Complete	2
JavaScript loop	Complete	1
Condition and function	Complete	1
Create a dynamic web page	Complete	1
Object and DOM	Complete	1
Event handler and dynamic page	Complete	1
Form validation	Complete	2
Improve your website	Complete	4
Creating a Node Project	Complete	2
Writing a Server Application	Complete	1
Writing a Multi-Task Server Application	Complete	1
Send a Response to the Received Data	Complete	1
Create a Response Page	Complete	1
Create a Response Page for Website Project	Complete	1
Server Database for Website Project	Time Exceeded	2
User Validation by Using Database	Time Exceeded	5
Retrieve and Delete Data from Database	Time Exceeded	2
Draft Learning Summary	Ready to Mark	0

3 Learning Outcomes

3.1 Explain Web Technologies

Explain the relevance, purpose, and operation of technologies which underpin web applications.

Task	Rating	Status	Times Assessed
Structure a HTML tree	◆◆◆◆◆	Complete	1
Create a web page with internal and external styles	◆◆◆◆◇	Complete	1
Website project specification, design and draft pages	◆◆◆◆◇	Complete	1
JavaScript loop	◆◆◆◇◇	Complete	1
Condition and function	◆◆◆◆◇	Complete	1
Create a dynamic web page	◆◆◆◆◇	Complete	1
Object and DOM	◆◆◆◇◇	Complete	1
Event handler and dynamic page	◆◆◆◆◇	Complete	1
Form validation	◆◆◆◆◇	Complete	2
Improve your website	◆◆◆◆◇	Complete	4
Writing a Multi-Task Server Application	◆◆◆◇◇	Complete	1
Send a Response to the Received Data	◆◆◆◆◇	Complete	1
Create a Response Page	◆◆◆◆◇	Complete	1
Server Database for Website Project	◆◆◆◇◇	Time Exceeded	2
User Validation by Using Database	◆◆◆◆◇	Time Exceeded	5

3.2 Client-side Application Design and Development

Design and develop client side components of a web-based application using contemporary tools, languages and frameworks.

Task	Rating	Status	Times Assessed
Create, validate and publish a structural web page	♦♦♦♦◊	Complete	2
Create a web page with inline styles	♦♦♦♦♦	Complete	1
Create a form web page	♦♦♦♦♦	Complete	1
Create a form web page from requirements	♦♦♦♦◊	Complete	2
Website project specification, design and draft pages	♦♦♦♦◊	Complete	1
Jumpstart JavaScript	♦♦♦♦◊	Complete	2
JavaScript loop	♦♦♦♦◊	Complete	1
Condition and function	♦♦♦♦◊	Complete	1
Create a dynamic web page	♦♦♦♦♦	Complete	1
Object and DOM	♦♦♦♦♦	Complete	1
Event handler and dynamic page	♦♦♦♦◊	Complete	1
Form validation	♦♦♦♦◊	Complete	2
Improve your website	♦♦♦♦◊	Complete	4
Creating a Node Project	♦♦♦♦◊	Complete	2
Writing a Server Application	♦♦♦♦◊	Complete	1
Writing a Multi-Task Server Application	♦♦◊◊◊	Complete	1
Send a Response to the Received Data	♦♦♦♦◊	Complete	1
Create a Response Page	♦♦◊◊◊	Complete	1
Create a Response Page for Website Project	♦♦♦♦◊	Complete	1
Server Database for Website Project	♦♦♦♦♦	Time Exceeded	2
User Validation by Using Database	♦♦♦♦♦	Time Exceeded	5
Retrieve and Delete Data from Database	♦♦♦♦◊	Time Exceeded	2

3.3 Web Service Design and Implementation

Design and implement RESTful web services using contemporary tools, language and frameworks.

Task	Rating	Status	Times Assessed
Serve your own web page	♦♦♦♦♦	Complete	1
Add images and hyperlinks into a web page	♦♦♦♦◊	Complete	1
Create tables in your web pages	♦♦♦♦◊	Complete	1
Create, validate and publish a structural web page	♦♦♦♦◊	Complete	2
CSS for background image pseudo-class and table	♦♦♦♦◊	Complete	1
Two-column layout web page	♦♦♦♦◊	Complete	1
Create a web page with Bootstrap	♦♦♦♦◊	Complete	1
Create a form web page	♦♦◊◊◊	Complete	1
Create a form web page from requirements	♦♦◊◊◊	Complete	2
Website project specification, design and draft pages	♦♦♦♦◊	Complete	1
Jumpstart JavaScript	♦◊◊◊◊	Complete	2
Writing a Server Application	♦♦◊◊◊	Complete	1
Writing a Multi-Task Server Application	♦♦♦♦◊	Complete	1
Send a Response to the Received Data	♦♦♦♦◊	Complete	1
Create a Response Page	♦♦♦♦◊	Complete	1
Server Database for Website Project	♦♦♦♦♦	Time Exceeded	2
User Validation by Using Database	♦♦♦♦◊	Time Exceeded	5
Retrieve and Delete Data from Database	♦♦♦♦◊	Time Exceeded	2

3.4 Option Identification and Application Deployment

Identify options for, and deploy web applications to suitable production environments.

Task	Rating	Status	Times Assessed
CSS for background image pseudo-class and table	♦♦♦♦◊	Complete	1
Two-column layout web page	♦♦♦♦◊	Complete	1
Website project specification, design and draft pages	♦♦♦♦◊	Complete	1
Creating a Node Project	♦♦♦♦◊	Complete	2
Writing a Server Application	♦♦♦♦◊	Complete	1
Create a Response Page for Website Project	♦♦♦♦◊	Complete	1
Server Database for Website Project	♦♦♦♦◊	Time Exceeded	2
User Validation by Using Database	♦♦♦♦◊	Time Exceeded	5

3.5 Achieved Outcome Justification

Justify achieved outcomes through providing relevant evidence and critiquing the quality of that evidence against given criteria.

Task	Rating	Status	Times Assessed
Website project specification, design and draft pages	♦♦♦♦◊	Complete	1
Improve your website	♦♦♦♦◊	Complete	4
Writing a Multi-Task Server Application	♦♦♦♦◊	Complete	1
Create a Response Page for Website Project	♦♦♦♦◊	Complete	1
Server Database for Website Project	♦♦♦♦◊	Time Exceeded	2
User Validation by Using Database	♦♦♦♦◊	Time Exceeded	5
Retrieve and Delete Data from Database	♦♦♦♦◊	Time Exceeded	2
Draft Learning Summary	♦♦♦♦◊	Ready to Mark	0

4 Structure a HTML tree

Sketch out the structure of a HTML tree

Outcome	Weight
Explain Web Technologies	◆◆◆◆

Date	Author	Comment
2019/07/10 15:56	Achmad Kemal	Good task
2019/07/11 10:43	Achmad Kemal	can you give me a feedback?
2019/07/11 15:46	Achmad Kemal	Good task
2019/07/16 14:01	Michael Hobbs	Good work with this Achmad. This is the correct sturcture.... You could add a figure that shows the link (arrows) from the source html to the rendered page.... But I beleive you have this understanding.
2019/07/17 15:37	Achmad Kemal	Hey i resubmit my work even though i already done. I'm just follow your comment
2019/07/17 15:37	Achmad Kemal	i hope this one is correct
2019/07/18 08:03	Michael Hobbs	OK... no worries. Thanks!

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Structure a HTML tree

Submitted By:

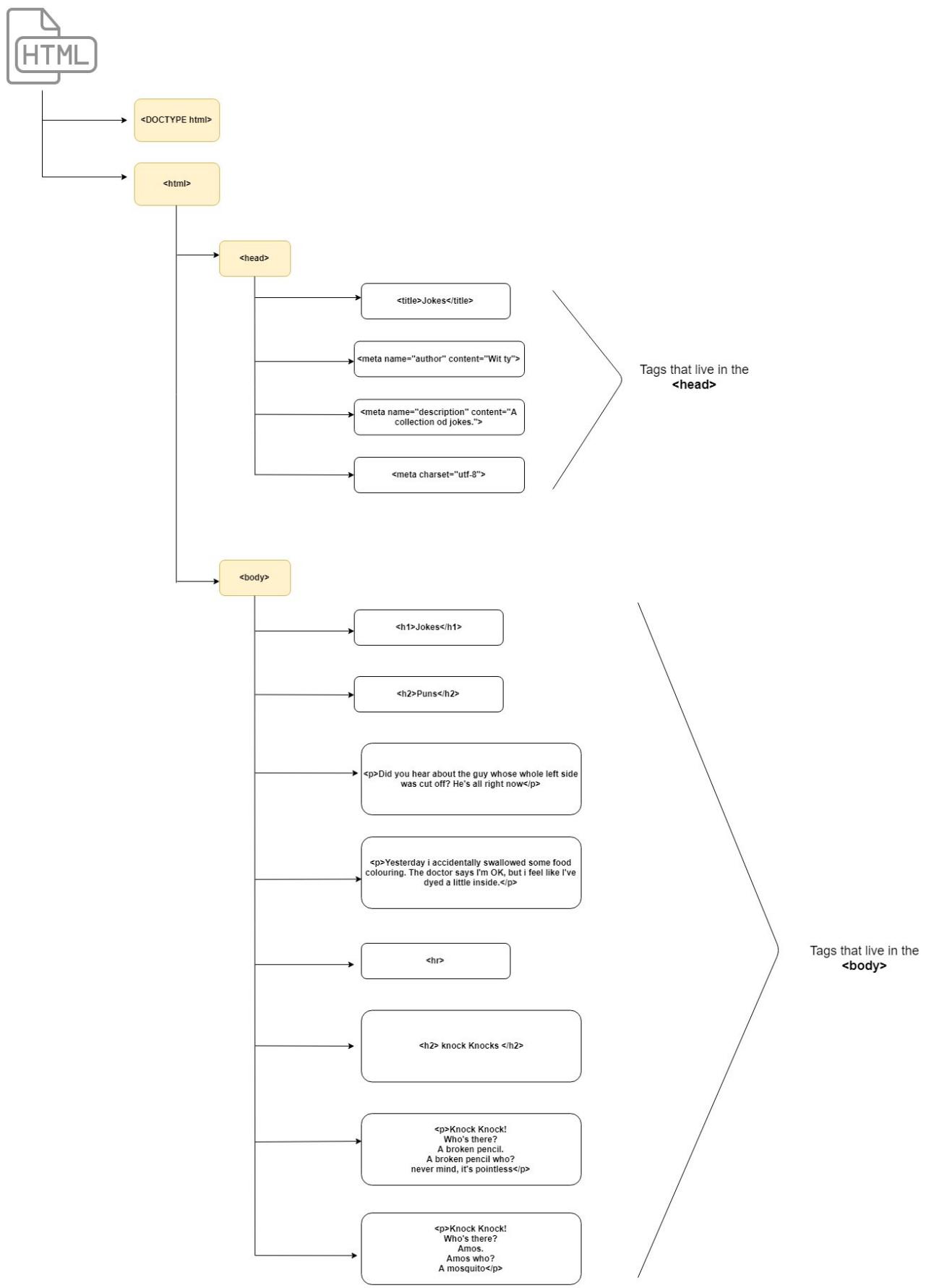
Achmad Mustafa KEMAL
akemal
2019/07/17 15:36

Tutor:

Michael HOBBS

July 17, 2019





5 Serve your own web page

Use Node server to serve a web page

Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◆

Node Js is a web framewrok and good implement to serve a website

Date	Author	Comment
2019/07/11 10:30	Achmad Kemal	Good task and give me a feedback to my work
2019/07/16 14:06	Michael Hobbs	Well done Achmad. HTML is correctly written and structured.

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Serve your own web page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/11 10:30

Tutor:

Michael HOBBS

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦♦

Node Js is a web framewrok and good implement to serve a website

July 11, 2019



```
1 <!DOCTYPE html>
2
3 <html>
4     <head>
5         <title>
6             All about Kemal
7         </title>
8         <meta name="author" content="Task 1.2">
9         <meta name="description" content="Biography">
10        <meta charset="utf-8">
11        <h1> <strong>Achmad Mustafa Kemal</strong> </h1>
12        <br>
13    </head>
14    <body>
15        <h2>
16            <strong>
17                Contact Details
18            </strong>
19        </h2>
20        <br>
21        <p>
22            <strong>
23                Student ID:
24            </strong>219374683
25            <br>
26            <strong>
27                Email:
28            </strong>
29            akemal@deakin.edu.au
30            </p>
31        <h2>
32            <strong>
33                Biography
34            </strong>
35        </h2>
36        <br>
37        <p>
38            My name is Achmad Mustafa Kemal and i am a studying master of
39            → cybersecurity at Deakin University. I'm from Indonesia. My favorite
40            → hobbies are cycling and playing basketball
41        </p>
42        <br>
43        <br>
44        My favorite quote of all time is by Henry Ford:
45        <br>
46        <blockquote>
47            If i had asked my customers what they had really wanted, they would
48            → have asked for a faster horse!
49        </blockquote>
50        <br>
51        It is my favorite quote because i like Fords, and we would be using horses
52        → still if it wasn't for him.
```

```
50      <hr>
51      <br>
52      <h2>
53          <strong>
54              University
55          </strong>
56      </h2>
57      <br>
58      <h3>
59          <strong>
60              Unit I Study
61          </strong>
62      </h3>
63      <br>
64      <P>
65      This Trisemester, I am studying : SIT771 <em>Object-Oriented
66          ↳ Programming,</em>,SIT772 <em>Database and Information
67          ↳ Retrieval,</em>SIT773 <em>Software Design and Engineering,</em> and
68          ↳ SIT774 <em>Web and Internet Programming.</em>
69      </p>
70      <h3>
71          My Timetable
72      </h3>
73      <h4>
74          Lectures
75      </h4>
76      <P>
77          On Mondays, between 10:00am to 12:00pm, I have a lecture for SIT771.
78          <br>
79          On Tuesdays, between 1:00pm to 3:00pm, I have a lecture for SIT772.
80          <br>
81          On Fridays, between 4:00pm to 6:00pm, I have a lecture for SIT773.
82      </p>
83      <h4>
84          Praticals
85      </h4>
86      <P>
87          On Wednesday, between 12:00pm to 1:00pm, I have a tutorial for SIT773
88      </p>
89      <h4>
90          Tutorials
91      </h4>
92      <P>
93          On Monday, between 1:00pm to 2:00pm, I have a tutorial for SIT774
94          <br>
95          On Thursdays, between 12:00pm to 1:00pm, I have a tutorial for
          ↳ SIT772
      </p>
    </body>
</html>
```

The screenshot shows a dual-pane interface. On the left is a web browser window displaying a local file at `localhost:3000`. The page content includes a title "All about Kemal", a section for "Contact Details" with student ID and email, a "Biography" section with a quote from Henry Ford, and a "University" section mentioning study units. On the right is a code editor in Visual Studio Code showing the corresponding `index.html` file. The code is a simple HTML document with sections for contact details, biography, and university information, including the same quote from Henry Ford.

```
<!DOCTYPE html>
<html>
  <head>
    <title>All about Kemal</title>
    <meta name="author" content="Task 1.2.">
    <meta name="description" content="Biography">
    <meta charset="utf-8">
  </head>
  <body>
    <h1><strong>Achmad Mustafa Kemal</strong></h1>
    <br>
    <h2><strong>Contact Details</strong></h2>
    <br>
    <p><strong>Student ID:</strong> 219374683<br/><strong>Email:</strong> akemal@deakin.edu.au</p>
    <h2><strong>Biography</strong></h2>
    <br>
    <p>My name is Achmad Mustafa Kemal and i am a studying master of cybersecurity at Deak</p>
    <br>
    <p>My Favorite quote of all time is by Henry Ford:<br><br><blockquote><hr>If i had asked my customers what they had really wanted, they would have asked for a faster horse!<br></blockquote><br>It is my favorite quote because i like Fords, and we would be using horses still if it wasnt for him.<br><br><hr></p>
```

6 Add images and hyperlinks into a web page

Continue with the development of your web page by adding images and hyperlinks

Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◇

This task learn about hyperlink tag

Date	Author	Comment
2019/07/18 09:08	Achmad Kemal	Ready to Mark
2019/07/18 09:08	Achmad Kemal	Please Give some feedback
2019/07/18 12:36	Michael Hobbs	Good work Achmad (or do you prefer Kemal?). One thing to be careful of is spaces in the mailto... These can cause problems in processing... If you do need a space, using the control codes is a better approach
2019/07/18 12:37	Achmad Kemal	You can call me Cam
2019/07/18 12:38	Achmad Kemal	my classmate call me Cam
2019/07/18 12:38	Achmad Kemal	Okay Dr Micheal Hobbs
2019/07/18 12:38	Achmad Kemal	i will resubmit again
2019/07/18 12:39	Michael Hobbs	For example, use %20 for a 'space'
2019/07/18 12:39	Michael Hobbs	Complete
2019/07/18 12:40	Michael Hobbs	No worries Cam :)
2019/07/18 15:37	Achmad Kemal	What do you mean about 20% for a space?
2019/07/23 14:10	Michael Hobbs	The code for a space character can be represented with the text '%20'

Add images and hyperlinks into a web page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/18 09:08

Tutor:

Michael HOBBS

Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◇

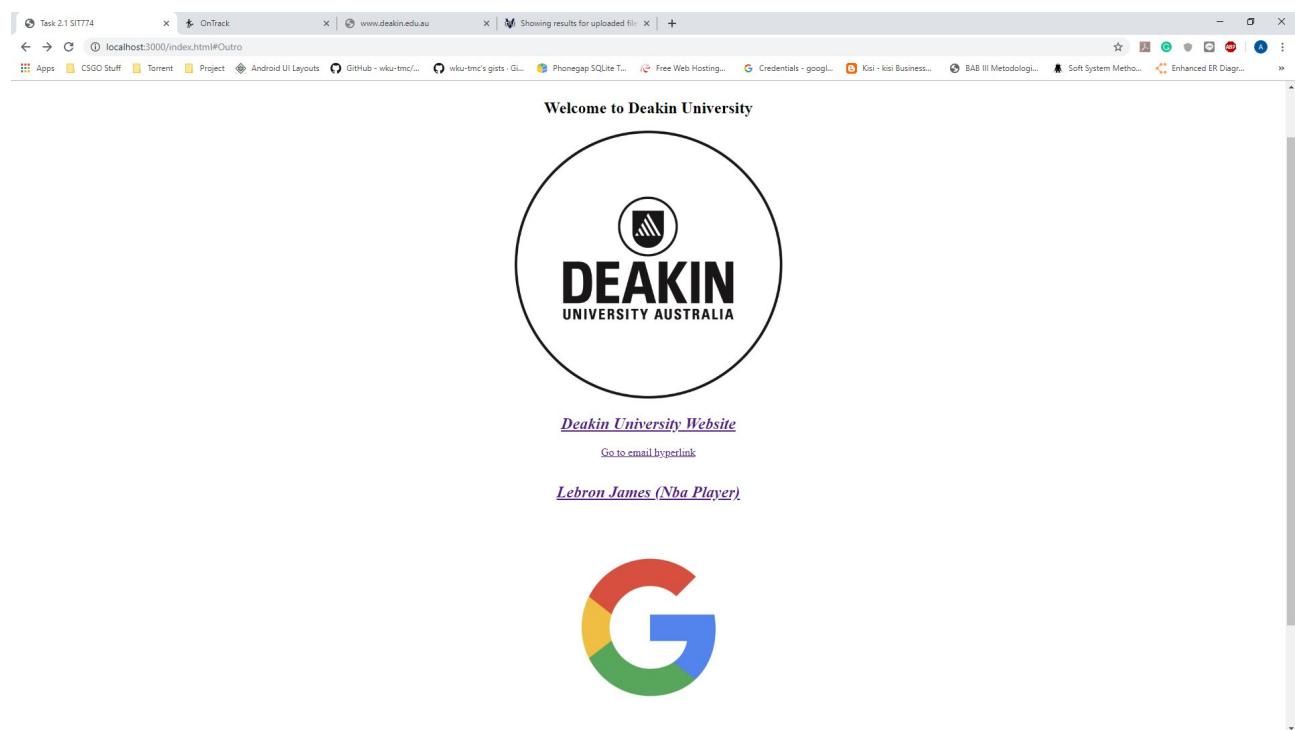
This task learn about hyperlink tag

July 18, 2019



```
1 <!DOCTYPE html>
2
3 <html>
4     <head>
5         <title>Task 2.1 SIT774</title>
6         <meta name="author" content="Task 2.1">
7         <meta name="description" content="hyperlink image">
8         <meta charset="utf-8">
9     </head>
10    <body>
11        <h1>
12            <header>
13                <strong>
14                    <i> Achmad Mustafa Kemal SIT774 Week 2</i>
15                </strong>
16            </header>
17            <br>
18            <center>
19                <h2>
20                    <strong>
21                        Welcome to Deakin University
22                    </strong>
23                </h2>
24                
25            </center>
26
27            <center>
28                <h2 id="Intro">
29                    <strong>
30                        <i>
31                            <a href="https://www.deakin.edu.au">Deakin University Website</a>
32                        </i>
33                    </strong>
34                </h2>
35                <a href ="index.html#Outro">Go to email hyperlink</a>
36            </center>
37            <br>
38
39            <center>
40                <h2>
41                    <strong>
42                        <i>
43                            <a href="lebron1.png">Lebron James (Nba Player)</a>
44                        </i>
45                    </strong>
46                </h2>
47            </center>
48            <br>
49
50            <center>
51                <a href="https://www.google.com"></a>
```

```
53      </center>
54      <br>
55      <br>
56      <br>
57      <br>
58      <br>
59      <footer>
60          <center>
61              <h2 id =□"Outro">
62                  <strong>
63                      <i>
64                          <a href="mailto: akemal@deakin.edu.au">You can email me!</a>
65                      </i>
66                  </strong>
67              </h2>
68              <a href ="http://deakin.edu.au">Go to deakin university</a>
69          </center>
70      </footer>
71      <br>
72
73
74
75
76
77
78  </body>
79
80 </html>
```



7 Create tables in your web pages

Add tables to organise and display data

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

this task is all about how to create a table in the html

Date	Author	Comment
2019/07/18 09:15	Achmad Kemal	Ready to Mark
2019/07/18 09:15	Achmad Kemal	Give me some feedback
2019/07/18 12:43	Michael Hobbs	Good work with the Tables Cam!
2019/07/18 12:44	Michael Hobbs	Complete

Create tables in your web pages

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/18 09:15

Tutor:

Michael HOBBS

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

this task is all about how to create a table in the html

July 18, 2019



```
1 <!DOCTYPE html>
2 <html>
3     <head>
4         <center>
5             <h1>Task 2.2 SIT774</h1>
6         </center>
7     </head>
8 <body>
9     <br>
10    <center>
11        <caption>Table No.1</caption>
12        <table border="1">
13            <tr>
14                <th></th>
15                <th>July</th><th>August</th> <th>September</th><th>October</th></tr>
16            <tr>
17                <td>Sales (M$)</td>
18                <td>12.6</td><td>13.6</td><td>11.7</td><td>13.7</td>
19            </tr>
20            <tr>
21                <td>Profit (M$)</td>
22                <td>1.4</td><td>1.8</td><td>0.9</td><td>1.4</td>
23            </tr>
24        </table>
25    </center>
26    <br>
27 <center>
28    <caption>Table No.2</caption>
29    <table border="1">
30        <td rowspan="2">
31            Season
32            <th colspan="3">Summer</th><th colspan="3">Autumn</th><th
33            colspan="3">Winter</th><th colspan="3">Spring</th>
34        </tr>
35        <tr>
36            <td>Jan</td><td>Feb</td><td>Mar</td><td>Apr</td><td>May</td><td>Jun</td><td>
37            Jul</td><td>Aug</td><td>Sep</td><td>Oct</td><td>Nov</td><td>Dec</td>
38        </tr>
39        <td rowspan="2">
40            Sales/Costs (M$)
41            <td>1.1</td><td>1.2</td><td>1.4</td><td>1.5</td><td>2.5</td><td>2.3</td><td>
42            1.5</td><td>1.7</td><td>1.5</td><td>0.7</td><td>0.7</td><td>0.5</td>
43        </tr>
44        <tr>
45            <td>0.6</td><td>0.2</td><td>0.6</td><td>0.5</td><td>1.3</td><td>1.1</td><td>
46            1.1</td><td>0.9</td><td>1.5</td><td>0.3</td><td>0.4</td><td>0.2</td>
47        </tr>
48        <td rowspan="2">
49            Profit(M$)
50            <td>0.5</td><td>1.0</td><td>0.8</td><td>1.0</td><td>1.2</td><td>1.2</td>
51            <td>0.4</td><td>0.8</td><td>0.0</td><td>0.4</td><td>0.3</td><td>0.3</td>
52            3</td>
```

```
49      </tr>
50    </table>
51  </center>
52
53 </body>
54 </html>
```

The screenshot shows a web browser window with multiple tabs open. The active tab displays two tables, Table No.1 and Table No.2.

Table No.1

	July	August	September	October
Sales (M\$)	12.6	13.6	11.7	13.7
Profit (M\$)	1.4	1.8	0.9	1.4

Table No.2

Season	Summer			Autumn			Winter			Spring		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sales Costs(M\$)	1.1	1.2	1.4	1.5	2.5	2.3	1.5	1.7	1.5	0.7	0.7	0.5
	0.6	0.2	0.6	0.5	1.3	1.1	1.1	0.9	1.5	0.3	0.4	0.2
Profit(M\$)	0.5	1.0	0.8	1.0	1.2	1.2	0.4	0.8	0.0	0.4	0.3	0.3

8 Create, validate and publish a structural web page

Use HTML and HTML5 structural elements to create web pages, and validate a page using an online validator.

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

This task about how to run localhost in the NodeJs and run on Deakin webserver

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

This task about how to run localhost in the NodeJs and run on Deakin webserver

Date	Author	Comment
2019/07/18 09:36	Achmad Kemal	Ready to Mark
2019/07/18 09:36	Achmad Kemal	Give some feedback
2019/07/18 12:45	Michael Hobbs	Hi Cam... your html code looks fine.... But you have added the screenshots form task 2.2.... not 2.3.
2019/07/18 12:45	Michael Hobbs	Fix and Resubmit
2019/07/18 15:14	Achmad Kemal	Ready to Mark
2019/07/18 15:14	Achmad Kemal	Hey Dr Micheal Hobbs
2019/07/18 15:14	Achmad Kemal	i'm so sorry for upload wrong screenshot
2019/07/18 15:14	Achmad Kemal	but now i already resubmit again
2019/07/23 14:24	Michael Hobbs	Great work Cam. All good!
2019/07/23 14:24	Michael Hobbs	Complete

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Create, validate and publish a structural web page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/18 15:14

Tutor:

Michael HOBBS

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦♦♦♦◊

This task about how to run localhost in the NodeJs and run on Deakin webserver

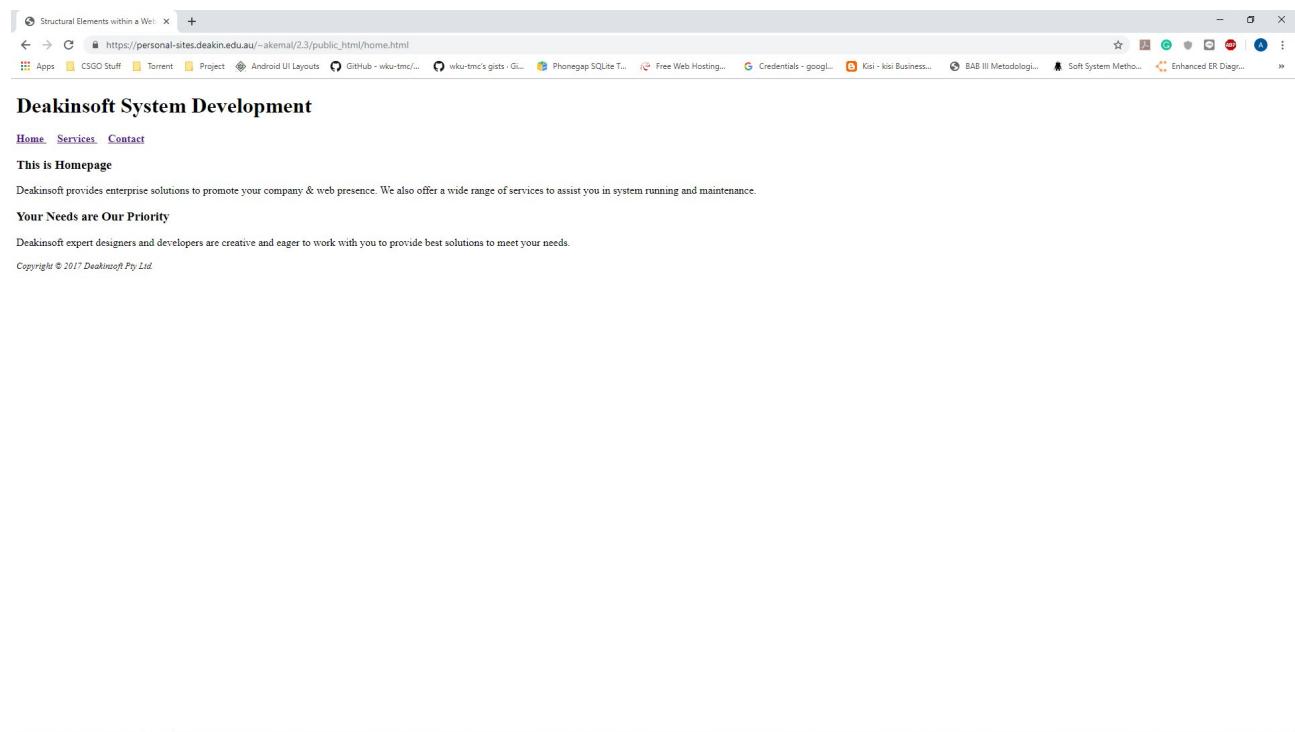
July 18, 2019

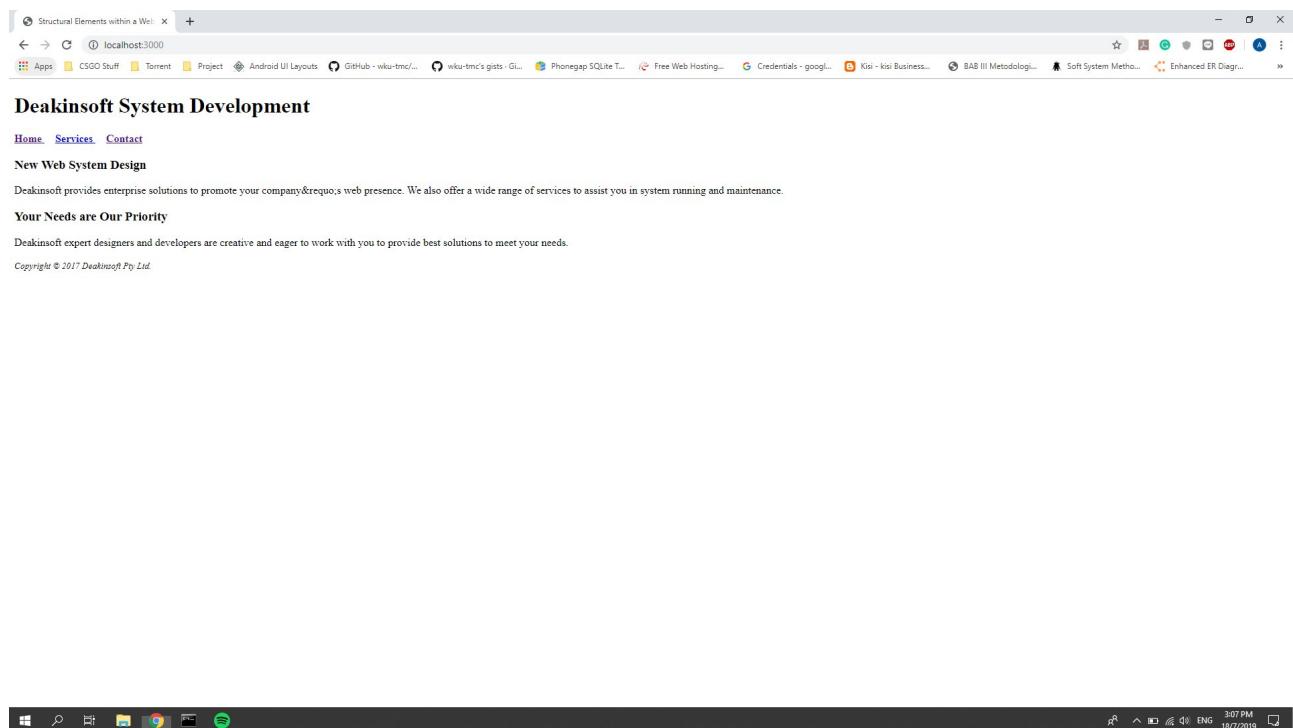


```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset ="utf-8">
5              <title> Structural Elements within a Web Page </title>
6      </head>
7      <body>
8          <header>
9              <h1> Deakinsoft System Development </h1>
10         </header>
11         <nav>
12             <b>
13                 <a href="home.html"> Home </a> &nbsp; &nbsp;
14                 <a href="service.html"> Services </a> &nbsp; &nbsp;
15                 <a href="contact.html"> Contact </a>
16             </b>
17         </nav>
18         <main>
19             <h3> This is Homepage </h3>
20             <p> Deakinsoft provides enterprise solutions to promote your company
21                 ↳ & web presence. We also offer a wide range of services to
22                 ↳ assist you in system running and maintenance. </p>
23             <h3> Your Needs are Our Priority </h3>
24             <p> Deakinsoft expert designers and developers are creative and eager
25                 ↳ to work with you to provide best solutions to meet your needs. </p>
26         </main>
27         <footer>
28             <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
```

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset ="utf-8">
5              <title> Structural Elements within a Web Page </title>
6      </head>
7      <body>
8          <header>
9              <h1> Deakinsoft System Development </h1>
10         </header>
11         <nav>
12             <b>
13                 <a href="home.html"> Home </a> &nbsp; &nbsp;
14                 <a href="services.html"> Services </a> &nbsp; &nbsp;
15                 <a href="contact.html"> Contact </a>
16             </b>
17         </nav>
18         <main>
19             <h3> This is service page </h3>
20             <p> We also offer a wide range of services to assist you in system
21                 ↳ running and maintenance. </p>
22             <h3> Your Needs are Our Priority </h3>
23             <p> Better service = better life </p>
24         </main>
25         <footer>
26             <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
27         </footer>
28     </body>
29 </html>
```

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset ="utf-8">
5              <title> Structural Elements within a Web Page </title>
6      </head>
7      <body>
8          <header>
9              <h1> Deakinsoft System Development </h1>
10         </header>
11         <nav>
12             <b>
13                 <a href="home.html"> Home </a> &nbsp; &nbsp;
14                 <a href="service.html"> Services </a> &nbsp; &nbsp;
15                 <a href="contact.html"> Contact </a>
16             </b>
17         </nav>
18         <main>
19             <h3> This Contact page </h3>
20             <p> Our number +61 12345678</p>
21             <h3> Connect with us</h3>
22             <p> deakinsoft@deakin.edu.au </p>
23         </main>
24         <footer>
25             <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
26         </footer>
27     </body>
28 </html>
```





The screenshot shows a browser window with the W3C Markup Validation Service. The URL is https://validator.w3.org/validate_by_upload. The page has a blue header bar with the W3C logo and the text "Markup Validation Service". Below the header, there are three tabs: "Validate by URI", "Validate by File Upload" (which is selected), and "Validate by Direct Input". Under the "Validate by File Upload" tab, there is a section for "Validate document for validation". A file input field contains "home.html". Below the file input is a "Check" button. A note at the bottom states: "Note file upload may not work with Internet Explorer on some versions of Windows XP Service Pack 2, see our information page on the W3C QA Website". A message below that says: "This validator checks the markup validity of Web documents in HTML, XHTML, SMIL, MathML, etc. If you wish to validate specific content such as RSS/Atom feeds or CSS stylesheets, MobileOK content, or to find broken links, there are other validators and tools available. As an alternative you can also try our non-DTD-based validator." There is a "Find out more!" link and a "Donate" link. At the bottom of the page, there is a navigation bar with links to Home, About, News, Docs, Help & FAQ, Feedback, and Contribute. The W3C logo is on the left, and a small "opensource" logo is on the right. The footer contains copyright information: "COPYRIGHT © 1994-2013 W3C® (MIT, ERCIM, KEIO, BEIHANG). ALL RIGHTS RESERVED. W3C LIABILITY, TRADEMARK, DOCUMENT USE AND SOFTWARE LICENSING RULES APPLY. YOUR INTERACTIONS WITH THIS SITE ARE IN ACCORDANCE WITH OUR PUBLIC AND MEMBER PRIVACY STATEMENTS." A "VALIDATOR" link is also present.

The screenshot shows a browser window with the title 'Nu Html Checker'. The page content is as follows:

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change
Showing results for uploaded file home.html

Checker Input

Show source outline image report

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.
Used the HTML parser.
Total execution time 3 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 19.7.11

9 Create a web page with inline styles

Learn about and implement inline styles

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦♦

Date	Author	Comment
2019/07/23 09:23	Achmad Kemal	Ready to Mark
2019/07/23 09:23	Achmad Kemal	Good task please give some feedback
2019/07/23 09:57	Achmad Kemal	Ready to Mark
2019/07/25 08:19	Michael Hobbs	Great work with thin inline css styles.
2019/07/25 08:19	Michael Hobbs	Complete

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Create a web page with inline styles

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/23 09:57

Tutor:

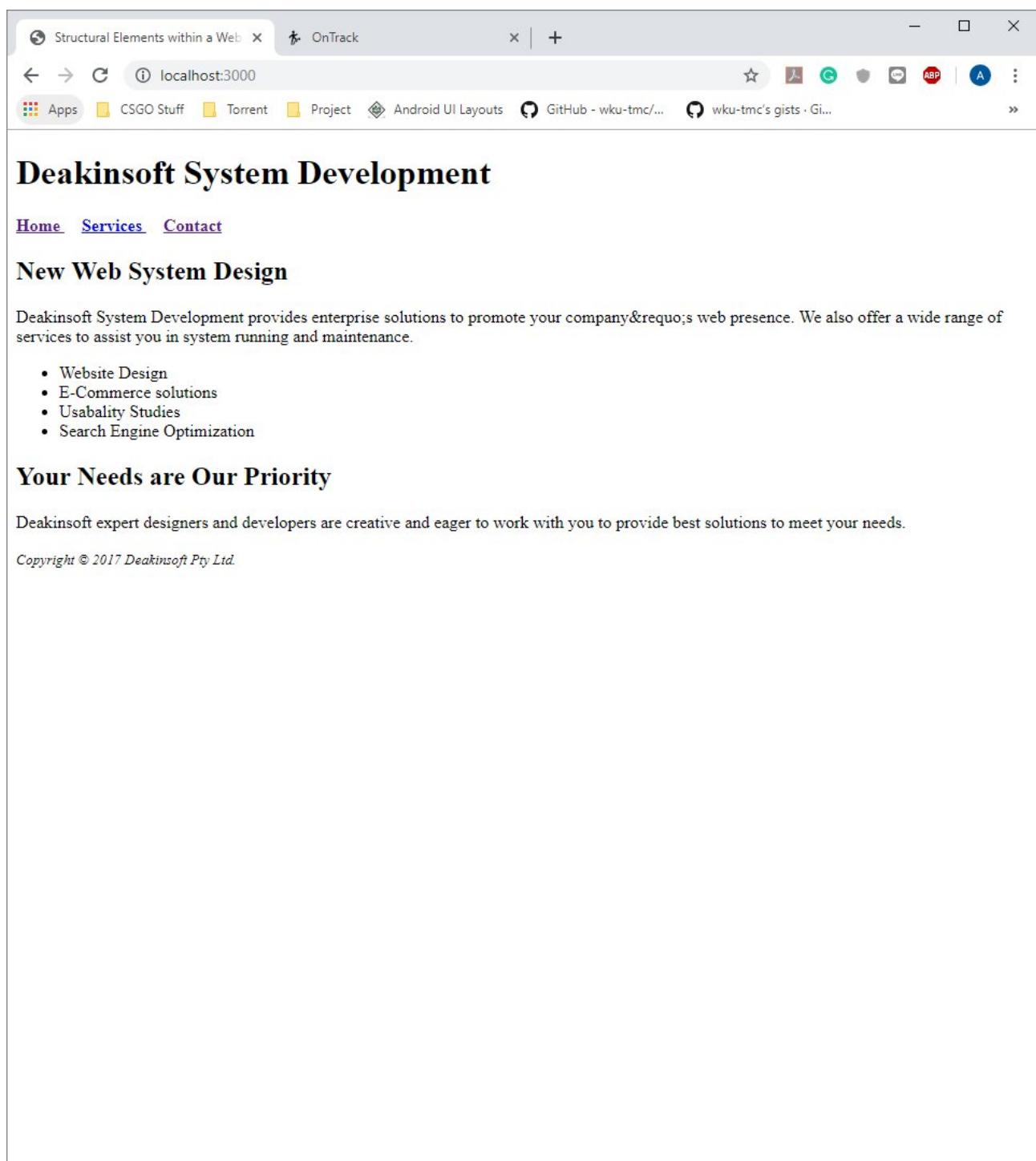
Michael HOBBS

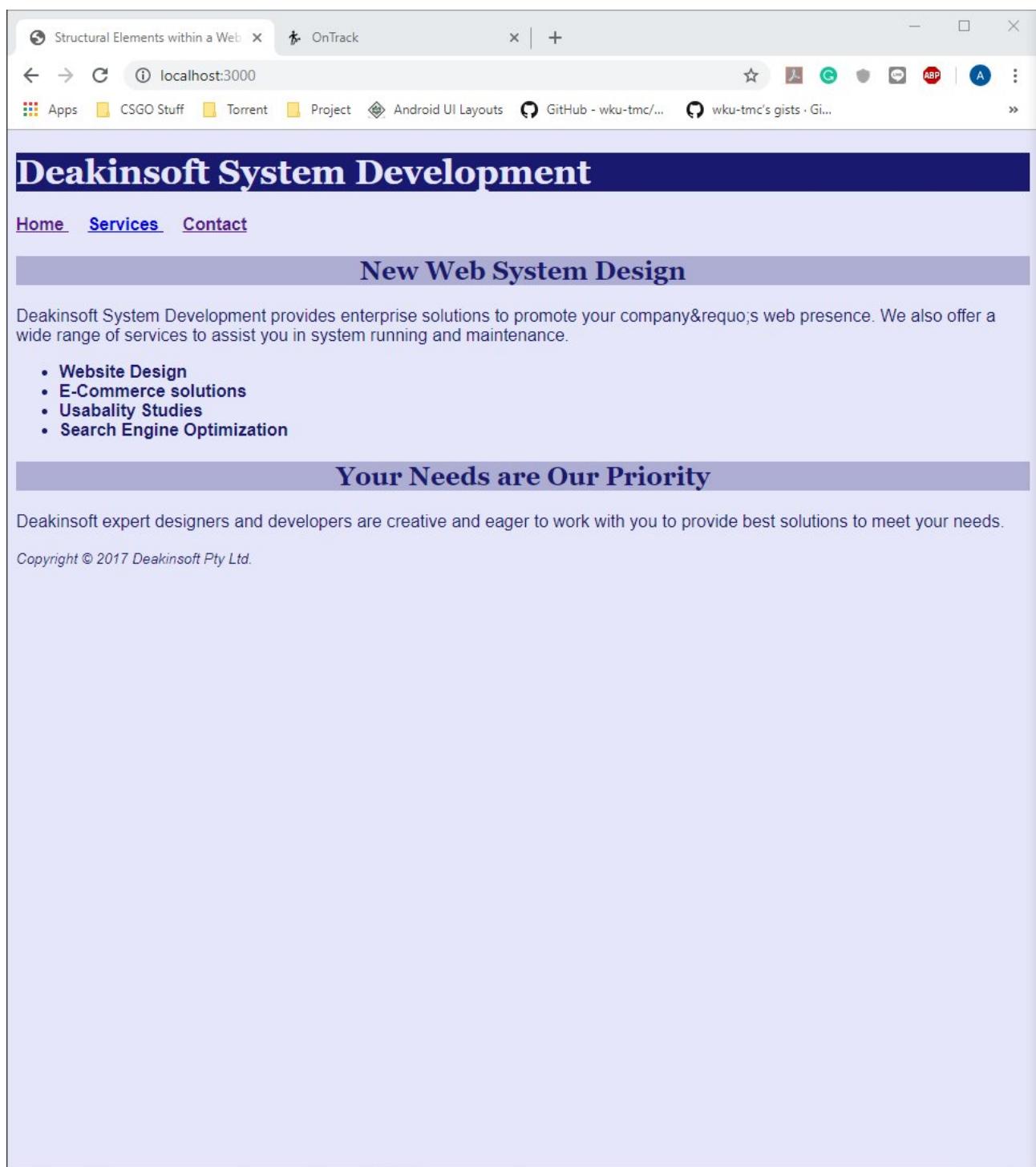
July 23, 2019



```
1 <!DOCTYPE html>
2   <head>
3     <meta charset ="utf-8">
4     <title> Structural Elements within a Web Page </title>
5   </head>
6   <body style ="background-color: #e6e6fa; color: #191970; font-family: Arial,
7     ↳ Helvetica, sans-serif">
8
9     <header>
10    <h1 style =□"background-color: #191970; color: #e6e6fa; font-family:
11      ↳ Georgia, 'Times New Roman', Times, serif; "> Deakinsoft System
12      ↳ Development </h1>
13    </header>
14    <nav>
15      <b>
16        <a href="home.html"> Home </a> &ampnbsp &ampnbsp
17        <a href="services.html"> Services </a> &ampnbsp &ampnbsp
18        <a href="contact.html"> Contact </a>
19      </b>
20    </nav>
21    <main>
22
23      <h2 style="background-color: #aeaed4; color: #191970; font-family:
24        ↳ Georgia, 'Times New Roman', Times, serif; text-align: center;">New
25        ↳ Web System Design</h2>
26      <p style="font-size: 1em;"> Deakinsoft System Development provides
27        ↳ enterprise solutions to promote your company&rsquo;s web presence.
28        ↳ We also offer a wide range of services to assist you in system
29        ↳ running and maintenance. </p>
30      <ul style="font-weight: bold;">
31        <li>Website Design</li>
32        <li>E-Commerce solutions</li>
33        <li>Usability Studies</li>
34        <li>Search Engine Optimization</li>
35      </ul>
36      <h2 style="background-color: #aeaed4; color: #191970; font-family:
37        ↳ Georgia, 'Times New Roman', Times, serif; text-align: center;">
38        ↳ Your Needs are Our Priority </h2>
39      <p> Deakinsoft expert designers and developers are creative and eager
40        ↳ to work with you to provide best solutions to meet your needs. </p>
41    </main>
42    <footer style="font-style : italic;">
43      <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
44    </footer>
45  </body>
46</html>
```

```
1 <!DOCTYPE html>
2   <head>
3     <meta charset ="utf-8">
4     <title> Structural Elements within a Web Page </title>
5   </head>
6   <body style ="background-color: #e6e6fa; color: #191970; font-family: Arial,
7     ↳ Helvetica, sans-serif">
8
9     <header>
10    <h1 style =□"background-color: #191970; color: #e6e6fa; font-family:
11      ↳ Georgia, 'Times New Roman', Times, serif; "> Deakinsoft System
12      ↳ Development </h1>
13    </header>
14    <nav>
15      <b>
16        <a href="home.html"> Home </a> &ampnbsp &ampnbsp
17        <a href="services.html"> Services </a> &ampnbsp &ampnbsp
18        <a href="contact.html"> Contact </a>
19      </b>
20    </nav>
21    <main>
22
23      <h2 style="background-color: #aeaed4; color: #191970; font-family:
24        ↳ Georgia, 'Times New Roman', Times, serif; text-align: center;">New
25        ↳ Web System Design</h2>
26      <p style="font-size: 1em;"> Deakinsoft System Development provides
27        ↳ enterprise solutions to promote your company&rsquo;s web presence.
28        ↳ We also offer a wide range of services to assist you in system
29        ↳ running and maintenance. </p>
30      <ul style="font-weight: bold;">
31        <li>Website Design</li>
32        <li>E-Commerce solutions</li>
33        <li>Usability Studies</li>
34        <li>Search Engine Optimization</li>
35      </ul>
36      <h2 style="background-color: #aeaed4; color: #191970; font-family:
37        ↳ Georgia, 'Times New Roman', Times, serif; text-align: center;">
38        ↳ Your Needs are Our Priority </h2>
39      <p> Deakinsoft expert designers and developers are creative and eager
40        ↳ to work with you to provide best solutions to meet your needs. </p>
41    </main>
42    <footer style="font-style : italic;">
43      <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
44    </footer>
45  </body>
46</html>
```





10 Create a web page with internal and external styles

Learn about and implement internal and external styles

Outcome	Weight
Explain Web Technologies	◆◆◆◆◇

Date	Author	Comment
2019/07/23 10:21	Achmad Kemal	Ready to Mark
2019/07/23 10:21	Achmad Kemal	Good task pls give some feedback
2019/07/25 08:27	Michael Hobbs	Good demonstration of using an external file to hold the css rules.
2019/07/25 08:28	Michael Hobbs	With your use of the 'company' rule.... the html tags could be used.
2019/07/25 08:29	Michael Hobbs	Minor point - indenting on the <div> section not correct :)
2019/07/25 08:29	Michael Hobbs	Complete

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Create a web page with internal and external styles

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/23 10:21

Tutor:

Michael HOBBS

July 23, 2019



```
1 <!DOCTYPE html>
2     <head>
3         <meta charset ="utf-8">
4             <title> Structural Elements within a Web Page </title>
5             <link rel="stylesheet" type="text/css" href="myStyle.css">
6     </head>
7     <body>
8         <div id="wrapper">
9             <header>
10                 <h1> Deakinsoft System Development </h1>
11             </header>
12             <nav>
13                 <a href="home.html"> Home </a> &ampnbsp &ampnbsp
14                 <a href="services.html"> Services </a> &ampnbsp &ampnbsp
15                 <a href="contact.html"> Contact </a>
16             </nav>
17             <main>
18
19                 <h2>New Web System Design</h2>
20
21                 <p><id class ="company">Deakinsoft System Development</id> provides
22                     ↳ enterprise solutions to promote your companyweb presence. We also
23                     ↳ offer a wide range of services to assist you in system running and
24                     ↳ maintenance. </p>
25                 <ul >
26                     <li class="feature">Website Design</li>
27                     <li class="feature">E-Commerce solutions</li>
28                     <li>Usability Studies</li>
29                     <li>Search Engine Optimization</li>
30                 </ul>
31                 <h2> Your Needs are Our Priority </h2>
32                 <p> Deakinsoft expert designers and developers are creative and eager
33                     ↳ to work with you to provide best solutions to meet your needs. </p>
34             </main>
35             <footer>
36                 <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
```

```
1 <!DOCTYPE html>
2     <head>
3         <meta charset ="utf-8">
4             <title> Structural Elements within a Web Page </title>
5             <link rel="stylesheet" type="text/css" href="myStyle.css">
6     </head>
7     <body>
8         <div id="wrapper">
9             <header>
10                 <h1> Deakinsoft System Development </h1>
11             </header>
12             <nav>
13                 <a href="home.html"> Home </a> &ampnbsp &ampnbsp
14                 <a href="services.html"> Services </a> &ampnbsp &ampnbsp
15                 <a href="contact.html"> Contact </a>
16             </nav>
17             <main>
18
19                 <h2>New Web System Design</h2>
20
21                 <p><id class ="company">Deakinsoft System Development</id> provides
22                     ↳ enterprise solutions to promote your companyweb presence. We also
23                     ↳ offer a wide range of services to assist you in system running and
24                     ↳ maintenance. </p>
25                 <ul >
26                     <li class="feature">Website Design</li>
27                     <li class="feature">E-Commerce solutions</li>
28                     <li>Usability Studies</li>
29                     <li>Search Engine Optimization</li>
30                 </ul>
31                 <h2> Your Needs are Our Priority </h2>
32                 <p> Deakinsoft expert designers and developers are creative and eager
33                     ↳ to work with you to provide best solutions to meet your needs. </p>
34             </main>
35             <footer>
36                 <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
```

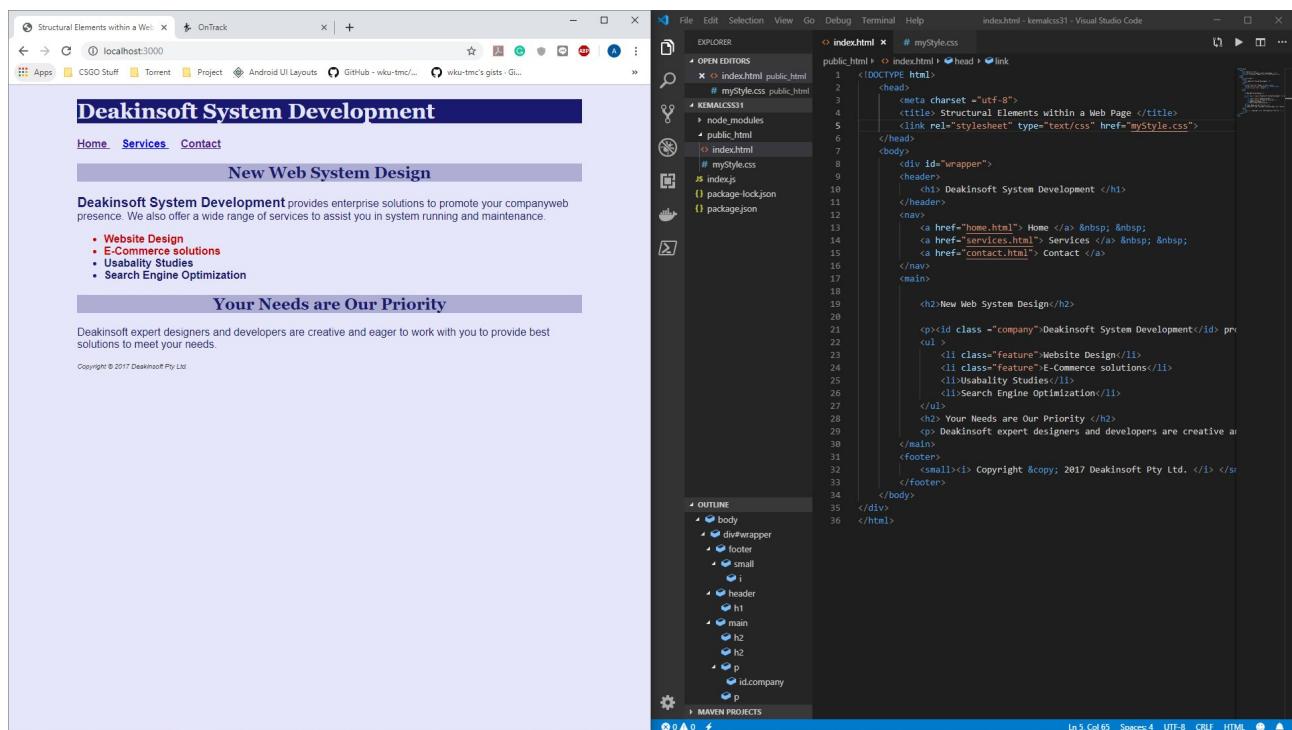
```
1 body{background-color: #e6e6fa; color: #191970; font-family: Arial, Helvetica,  
2   sans-serif;}  
3 h1 {background-color: #191970; color:#e6e6fa; font-family: Georgia, 'Times New  
4   Roman', Times, serif;}  
5 h2 {background-color: #aeaed4; color: #191970; font-family: Georgia, 'Times New  
6   Roman', Times, serif; text-align: center;}  
7 p{font-size: 1em;}  
8 ul{font-weight: bold;}  
9 footer{font-style: italic; font-size: 0.75em; color: #333333;}  
10 nav {font-weight: bold;}  
11 .company{font-size: 1.25em; font-weight:bold;}  
12 .feature{color:#c70000;}  
13 #wrapper {width:80%; margin-left:auto; margin-right:auto;}
```

The screenshot shows a web browser displaying a website for "Deakinsoft System Development". The browser's address bar shows "localhost:3000". The website has a dark blue header with the company name and a navigation menu with links to Home, Services, and Contact. Below the header is a purple banner with the text "New Web System Design". A section titled "Your Needs are Our Priority" contains a list of services: Website Design, E-Commerce solutions, Usability Studies, and Search Engine Optimization. The footer includes copyright information for Deakinsoft Pty Ltd. On the right side of the image, the Visual Studio Code interface is visible, showing the "index.html" file. The code is an internal style sheet (CSS) embedded within the HTML document, using the "body" selector to define styles for the entire page. The code includes styling for the header, main content area, and footer sections.

```

<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Structural Elements within a Web Page</title>
  </head>
  <body>
    <body>
      <h1>Deakinsoft System Development</h1>
      <nav>
        <a href="home.html">Home</a> &nbsp; &nbsp;
        <a href="services.html">Services</a> &nbsp; &nbsp;
        <a href="contact.html">Contact</a>
      </nav>
      <main>
        <h2>New Web System Design</h2>
        <p><id class="company">Deakinsoft System Development</id> provides enterprise solutions to promote your company web presence. We also offer a wide range of services to assist you in system running and maintenance.</p>
        <ul>
          <li>Website Design</li>
          <li>E-Commerce solutions</li>
          <li>Usability Studies</li>
          <li>Search Engine Optimization</li>
        </ul>
        <small><i>Copyright &copy; 2017 Deakinsoft Pty Ltd.</i></small>
      </main>
      <footer>
        <small><i>Deakinsoft expert designers and developers are creative and eager to work with you to provide best solutions to meet your needs.</i></small>
      </footer>
    </body>
  </html>

```



The screenshot displays a dual-pane interface. On the left is a web browser window showing a website for 'Deakinsoft System Development'. The site has a dark blue header with the company name and a navigation bar with links for Home, Services, and Contact. Below this is a purple banner with the text 'New Web System Design'. A main content area contains a paragraph about the company's services and a heading 'Your Needs are Our Priority'. At the bottom is a footer with copyright information. On the right is an instance of Visual Studio Code. The 'index.html' file is open in the editor, showing the HTML structure. An external CSS file, 'myStyle.css', is linked in the head section. The 'OUTLINE' panel on the right shows the hierarchical structure of the HTML document, including sections like body, div(wrapper), footer, small, i, header, h1, main, h2, p, and id.company.

```

<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Structural Elements within a Web Page </title>
    <link rel="stylesheet" type="text/css" href="myStyle.css">
  </head>
  <body>
    <div id="wrapper">
      <header>
        <h1>Deakinsoft System Development </h1>
      </header>
      <nav>
        <a href="home.html"> Home </a> &nbsp; &nbsp;
        <a href="services.html"> Services </a> &nbsp; &nbsp;
        <a href="contact.html"> Contact </a>
      </nav>
      <main>
        <h2>New Web System Design</h2>
        <p><id class="company">Deakinsoft System Development</id> provides enterprise solutions to promote your company web presence. We also offer a wide range of services to assist you in system running and maintenance.</p>
        <ul>
          <li>Website Design</li>
          <li>E-Commerce solutions</li>
          <li>Usability Studies</li>
          <li>Search Engine Optimization</li>
        </ul>
        <h2>Your Needs are Our Priority </h2>
        <p>Deakinsoft expert designers and developers are creative and eager to work with you to provide best solutions to meet your needs.</p>
      </main>
      <footer>
        <small><i></i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
      </footer>
    </div>
  </body>
</html>

```

11 CSS for background image pseudo-class and table

Apply CSS to elements of your web page

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

This task learn about css and image pseudo class

Outcome	Weight
Option Identification and Application Deployment	♦♦♦♦◊

This task learn about css and image pseudo class

Date	Author	Comment
2019/07/23 13:53	Achmad Kemal	Ready to Mark
2019/07/23 13:53	Achmad Kemal	Good taskpls give some feedback
2019/07/23 14:00	Achmad Kemal	i use external css for this task
2019/07/23 14:00	Achmad Kemal	Is that okay?
2019/07/25 08:33	Michael Hobbs	Looking good... external css appears correct.
2019/07/25 08:33	Michael Hobbs	Thank you!
2019/07/25 08:33	Michael Hobbs	If you can include your 'myStyle.css' as a separate file next time, that would be good.
2019/07/25 08:34	Michael Hobbs	Complete

CSS for background image pseudo-class and table

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/25 10:25

Tutor:

Michael HOBBS

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊
Option Identification and Application Deployment	♦♦♦♦◊

This task learn about css and image pseudo class

July 25, 2019



```
1 <!DOCTYPE html>
2 <head>
3     <meta charset ="utf-8">
4     <title> Structural Elements within a Web Page </title>
5     <link rel="stylesheet" type="text/css" href="myStyle.css">
6 </head>
7 <body>
8     <div id="wrapper">
9         <header>
10            <h1> Deakinsoft System Development </h1>
11        </header>
12        <nav>
13            <a href="homes.html"> Home </a> &nbsp; &nbsp;
14            <a href="services.html"> Services </a> &nbsp; &nbsp;
15            <a href="contacts.html"> Contact </a>
16        </nav>
17        <main>
18
19            <h2>New Web System Design</h2>
20
21            <p><id class ="company">Deakinsoft System Development</id> provides
22                ↳ enterprise solutions to promote your companyweb presence. We also
23                ↳ offer a wide range of services to assist you in system running and
24                ↳ maintenance. </p>
25            <ul >
26                <li class="feature">Website Design</li>
27                <li class="feature">E-Commerce solutions</li>
28                <li>Usability Studies</li>
29                <li>Search Engine Optimization</li>
30            </ul>
31            <p><id class ="company">Deakinsoft System Development</id> also
32                ↳ provides training courses to developers, helping them to obtain the
33                ↳ up-to-date tehcnique and skills </p>
34            <center>
35                <caption><id class =□"caption">Deakinsoft Training Courses </id>
36                ↳ </caption>
37                <table>
38                    <tr>
39                        <th>Course Code</th>
40                        <th>Course name</th>
41                        <th>Course Description</th>
42                    </tr>
43                    <tr>
44                        <td>DTC001</td>
45                        <td>Programming World Wide Web</td>
46                        <td>This couser is learn about world wide web</td>
47                    </tr>
48                    <tr>
49                        <td>DTC002</td>
50                        <td>Advanced Web Programming</td>
51                        <td>This course is learn about advanced web programming</td>
52                    </tr>
53                    <tr>
```

```
48      <td>DTC003</td>
49      <td>Professional Web Application Design</td>
50      <td>This course is learn about professional web
51          ↳ application</td>
52  </tr>
53  <tr>
54      <td>DTC004</td>
55      <td>Distributed Web Services and Development</td>
56      <td>This course is learn about distributed web services and
57          ↳ development</td>
58  </tr>
59  </table>
60  </center>
61  <h2> Your Needs are Our Priority </h2>
62  <p> Deakinsoft expert designers and developers are creative and eager
63      ↳ to work with you to provide best solutions to meet your needs. </p>
64  </main>
65  <footer>
66      <small><i> Copyright &copy; 2017 Deakinsoft Pty Ltd. </i> </small>
67  </footer>
68  </body>
69  </div>
70 </html>
```

The screenshot shows a web browser window and a Visual Studio Code window side-by-side.

Web Browser Content:

- Header:** Deakinsoft System Development
- Navigation:** Home, Services, Contact
- Title Bar:** New Web System Design
- Text:** Deakinsoft System Development provides enterprise solutions to promote your company web presence. We also offer a wide range of services to assist you in system running and maintenance.
 - Website Design
 - E-Commerce solutions
 - Usability Studies
 - Search Engine Optimization
- Text:** Deakinsoft System Development also provides training courses to developers, helping them to obtain the up-to-date technique and skills
- Section:** Deakinsoft Training Courses

Course Code	Course name	Course Description
DTC001	Programming World Wide Web	This course is learn about world wide web
DTC002	Advanced Web Programming	This course is learn about advanced web programming
DTC003	Professional Web Application Design	This course is learn about professional web application
DTC004	Distributed Web Services and Development	This course is learn about distributed web services and development
- Text:** Your Needs are Our Priority
- Text:** Deakinsoft expert designers and developers are creative and eager to work with you to provide best solutions to meet your needs.
- Footer:** Copyright © 2017 Deakinsoft Pty Ltd

Visual Studio Code Content:

```

public.html > # myStyle.css >
public.html > # myStyle.css > ul
1 body{background-color: #e6eef3; color: #191970; font-family: Arial, Helvetica, sans-serif;}
2 h1 {background-image: url("gs_bridge.jpg"); color: #e6eef3; font-family: Georgia, Times New Roman, serif; margin-bottom: 0px; padding: 10px 0px; text-align: center; text-decoration: none; text-indent: 0px; text-transform: uppercase; width: 100%; background-position: left; background-repeat: no-repeat; border: 1px solid black; border-radius: 10px; font-size: 1.5em; font-weight: bold; letter-spacing: 0.1em; position: relative; z-index: 1; }
3 h2 {background-image: url("ionzo.jpg"); color: #e6eef3; font-family: Georgia, Times New Roman, serif; margin-bottom: 0px; padding: 10px 0px; text-align: center; text-decoration: none; text-indent: 0px; text-transform: uppercase; width: 100%; background-position: left; background-repeat: no-repeat; border: 1px solid black; border-radius: 10px; font-size: 1.2em; font-weight: bold; letter-spacing: 0.1em; position: relative; z-index: 1; }
4 p{font-size: 1em; margin: 0px; padding: 0px; }
5 p{font-size: 1em; margin: 0px; padding: 0px; }
6 ul{font-weight: bold; }
7 footer{font-style: italic; font-size: 0.75em; color: #333333; }
8 nav {font-weight: bold; }
9 .company{font-size: 1.25em; font-weight:bold; }
10 .feature <a :active>
11 #wrapper <div :auto; margin-right:auto; >
12 a:link{ Selector Specificity: (0,1,1) color: #c7e0e0; background-color: #d9fa8c; padding: 14px 25px; text-decoration: none; }
13 a:hover,&active{ background-color: #f0f0e6; font-style: italic; }
14 a:visited{ background-color: #f0f0e6; border-collapse: collapse; width: 80%; position: center; }
15 td {text-align: left; padding: 8px; }
16 tr:nth-child(even){background-color: #f2f2f2; }
17 th {background-color: #4CAF50; color: white;text-align: center;padding: 8px; }
18 .caption{font-size: 1.25em; }
19

```

12 Two-column layout web page

Implement the two column web page layout

Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◇

this task about implementation two-column layout we page

Outcome	Weight
Option Identification and Application Deployment	◆◆◆◆◇

this task about implementation two-column layout we page

Date	Author	Comment
2019/07/23 16:14	Achmad Kemal	Ready to Mark
2019/07/23 16:14	Achmad Kemal	Good task pls give some feedback
2019/07/25 08:38	Michael Hobbs	OK... good work with this Cam... Good implementation of the nav bar on the right. What is the implications of setting this to 180px wide? Otherwise, great work.... Little neater with the indenting would also be good (especially in the css rules :)
2019/07/25 08:38	Michael Hobbs	Complete

Two-column layout web page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/23 16:14

Tutor:

Michael HOBBS

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊
Option Identification and Application Deployment	♦♦♦♦◊

this task about implementation two-column layout we page

July 23, 2019



```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <meta charset="utf-8">
5          <title> Task 3.4 </title>
6          <style>
7              #wrapper {width: 80%;
8                  margin-right: auto; margin-left: auto;
9                  background-color: #b3c7e6;}
10
11         header {background-color: yellow;
12             color: #00005D;
13             font-size: 180%;
14             font-family: Arial, Helvetica, sans-serif;
15             padding-top: 20px;
16             padding-bottom: 20px;
17             padding-right: 100px;
18             font-style: italic;
19         }
20         .hdr{
21             text-align: center;
22         }
23
24         nav {float: right;
25             width: 180px;}
26
27         #rightcol {margin-right: 155px;
28             margin-top: 0px;
29             background-color: #ffffff;
30             padding: 10px;}
31
32         body {font-family: Verdana, Geneva, Tahoma, sans-serif;}
33
34         footer {font-size: small;
35             font-style:italic;}
36
37         ul {list-style-type: none;
38             font-size: 1.25em;
39             font-weight: bold;}
40         .img{
41             display: block;
42             margin-left: auto;
43             margin-right: auto;
44         }
45         .para
46         {
47             text-align: center;
48         }
49
50         a {text-decoration: none;}
51
52         table {
53             border: 1px solid black;
```

```
54         border-collapse: collapse;
55         width: 80%;
56         position: center;
57     }
58
59     td {
60         text-align: left;
61         padding: 8px;
62     }
63
64     tr:nth-child(even){background-color: #f2f2f2}
65
66     th {
67         background-color: Blue;
68         color: white;
69         text-align: center;
70         padding: 8px;
71     }
72
73     </style>
74 </head>
75 <body>
76     <div id="wrapper">
77         <header class="hdr">
78             Golden State Warriors
79         </header>
80         <nav>
81             <ul>
82                 <li> <a href="home.html"> Home </a> </li>
83                 <li> <a href="Services.html"> Services </a> </li>
84                 <li> <a href="News.html"> News </a> </li>
85                 <li> <a href="Contact.html"> Contact </a> </li>
86             </ul>
87         </nav>
88
89         <div id="rightcol">
90             <main>
91                 
93                 <p class="para"> The Golden State Warriors are an American
94                     professional basketball team based in San Francisco,
95                     California. The Warriors compete in the National Basketball
96                     Association (NBA), as a member of the league's Western
97                     Conference Pacific Division. Founded in 1946 in
98                     Philadelphia, the Warriors relocated to the San Francisco
99                     Bay Area in 1962 and took the city's name, before changing
100                     its geographic moniker to Golden State in 1971. [b] They
101                     will begin playing their home games at the Chase Center
102                     starting in October 2019.
103                 <i>(source :wikipedia)</i>
104             </p>
105             <center>
106                 <h3> Team History </h3>
```

```
97         </center>
98         <center>
99             <table>
100                 <tr>
101                     <th>Championship</th>
102                     <th>MVP</th>
103                     <th>Year</th>
104                 </tr>
105                 <tr>
106                     <td>The Finals 2015</td>
107                     <td>Andre Iguodala</td>
108                     <td>2015</td>
109                 </tr>
110                 <tr>
111                     <td>The Finals 2017</td>
112                     <td>Kevin Durant</td>
113                     <td>2017</td>
114                 </tr>
115                 <tr>
116                     <td>The Finals 2018</td>
117                     <td>Kevin Durant</td>
118                     <td>2018</td>
119                 </tr>
120             </table>
121         </center>
122
123     </main>
124     <footer>
125         Copyright&copy; 2019 Achmad Mustafa Kemal.
126     </footer>
127     </div>
128 </div>
129 </body>
130 </html>
```

Screenshot of a web browser window showing the Golden State Warriors website. The browser has multiple tabs open, including CSS Navigation Bar, CSS Styling Images, CSS Text, HTML p align Attribute, and 2018 NBA Finals - Wiki.

Golden State Warriors



The Golden State Warriors are an American professional basketball team based in San Francisco, California. The Warriors compete in the National Basketball Association (NBA), as a member of the league's Western Conference Pacific Division. Founded in 1946 in Philadelphia, the Warriors relocated to the San Francisco Bay Area in 1962 and took the city's name, before changing its geographic moniker to Golden State in 1971.^[b] They will begin playing their home games at the Chase Center starting in October 2019. (source :[wikipedia](#))

Team History

Championship	MVP	Year
The Finals 2015	Andre Iguodala	2015
The Finals 2017	Kevin Durant	2017
The Finals 2018	Kevin Durant	2018

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Home Services News Contact

13 Create a web page with Bootstrap

Using Bootstrap

Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◇

Bootstrap gives us a lot of function to implementation when we design our website

Date	Author	Comment
2019/07/31 18:30	Achmad Kemal	Ready to Mark
2019/07/31 18:30	Achmad Kemal	Good task
2019/08/07 21:14	Michael Hobbs	Well done with this Achmad!
2019/08/07 21:14	Michael Hobbs	Good demonstration of the key bootstrap features/controls.
2019/08/07 21:16	Michael Hobbs	Are your use of the ‘coll-sm-*’ attributes correct? What should the column count total?
2019/08/07 21:16	Michael Hobbs	Complete
2019/08/07 21:20	Achmad Kemal	for col-sm-*, the default is 12 column
2019/08/07 21:20	Achmad Kemal	For example, col-sm-2 is span 2 of 12 columns
2019/08/07 21:20	Achmad Kemal	Like in my code
2019/08/07 21:22	Achmad Kemal	SM is size for mobile size

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Create a web page with Bootstrap

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/07/31 18:30

Tutor:

Michael HOBBS

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

Bootstrap gives us a lot of function to implementation when we design our website

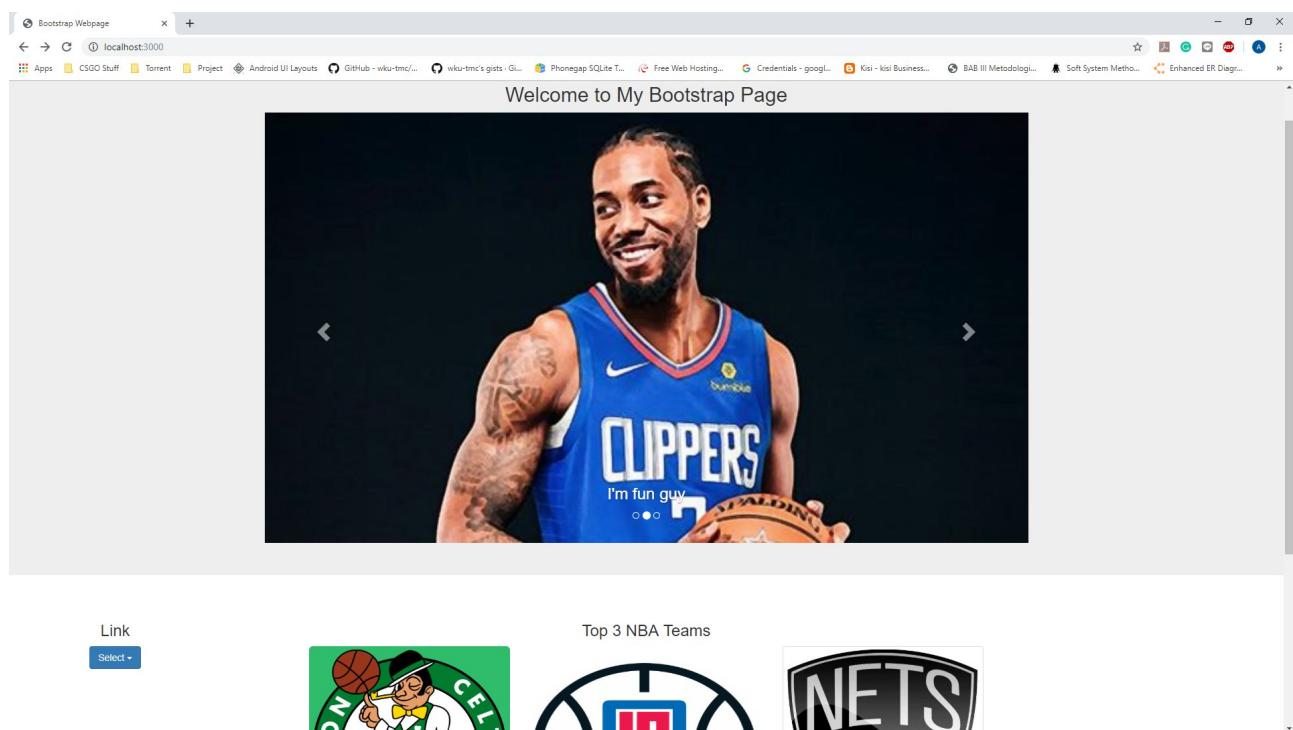
July 31, 2019



```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <title>Bootstrap Webpage</title>
5          <meta charset="utf-8">
6          <meta name="viewport" content="width=device-width, initial-scale=1">
7          <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
8          <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
9          <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
10         <style>
11             .sidenav
12             {
13                 padding-top: 20px;
14                 height: 100%;
15             }
16         </style>
17     </head>
18     <body>
19         <div class="jumbotron">
20             <h2 style="text-align: center">
21                 Welcome to My Bootstrap Page
22             </h2>
23             <div class="container">
24                 <div id="myCarousel" class="carousel slide"
25                     data-ride="carousel">
26                     <!-- Carousel indicators function -->
27                     <ol class="carousel-indicators">
28                         <li data-target="#myCarousel" data-slide-to="0"
29                             class="active"></li>
30                         <li data-target="#myCarousel" data-slide-to="1"></li>
31                         <li data-target="#myCarousel" data-slide-to="2"></li>
32                     </ol>
33                     <!-- Image slide -->
34                     <div class="carousel-inner">
35
36                         <div class="item active">
37                             
39                             <div class="carousel-caption">
40                                 <h3>I like bali</h3>
41                             </div>
42                         </div>
43
44                         <div class="item">
45                             
47                             <div class="carousel-caption">
48                                 <h3>I'm fun guy</h3>
49                             </div>
50                         </div>
51
52                     </div>
53
54             </div>
55         </div>
56     </body>
57 
```

```
47
48     <div class="item">
49         
51         <div class="carousel-caption">
52             <h3>Bring back Nets dynasty</h3>
53         </div>
54     </div>
55     <!-- Image slide function -->
56     <a class="left carousel-control" href="#myCarousel"
57         ↵ data-slide="prev">
58         <span class="glyphicon glyphicon-chevron-left"></span>
59         <span class="sr-only">Previous</span>
60     </a>
61     <a class="right carousel-control" href="#myCarousel"
62         ↵ data-slide="next">
63         <span class="glyphicon glyphicon-chevron-right"></span>
64         <span class="sr-only">Next</span>
65     </a>
66 </div>
67
68     <div class="container-fluid text-center">
69         <div class =□"row">
70
71             <div class="col-sm-2 sidenav">
72                 <h3 style="text-align: center">
73                     Link
74                 </h3>
75                 <!-- Dropdown menu function -->
76                 <div class="dropdown">
77                     <button class="btn btn-primary
78                         ↵ dropdown-toggle" type="button"
79                         ↵ data-toggle="dropdown">Select
80                     <span class="caret"></span></button>
81                     <ul class="dropdown-menu">
82                         <li><a href="https://www.deakin.edu.au/">
83                             ↵ Deakin</a></li>
84                         <li><a href="https://www.celticsstore.com/
85                             ↵ /">Boston
86                             ↵ Celtic</a></li>
87                         <li><a
88                             ↵ href="https://clippersstore.com/">LA
89                             ↵ Clippers</a></li>
90                         <li><a href="https://netsstore.com/">Broo
91                             ↵ klyn
92                             ↵ Nets</a></li>
93                         </ul>
94                     </div>
95                     <br>
```

```
88         <div class="col-sm-8">
89             <h3 style="text-align: center">
90                 Top 3 NBA Teams
91             </h3>
92                 
94                 
96                 
98             </div>
99         </div>
100         <br>
101         <br>
102     <div class="container">
103         <table class="table table-bordered table-hover">
104             <thead>
105                 <tr>
106                     <th>Name</th>
107                     <th>Coach</th>
108                     <th>Championships</th>
109                 </tr>
110             </thead>
111             <tbody>
112                 <tr>
113                     <td>Boston Celtic</td>
114                     <td>Brad Stevens</td>
115                     <td>17</td>
116                 </tr>
117                 <tr>
118                     <td>Los Angeles Clippers</td>
119                     <td>Doc Rivers</td>
120                     <td>0</td>
121                 </tr>
122                 <tr>
123                     <td>Brooklyn Nets</td>
124                     <td>Kenny Atkinson</td>
125                     <td>2</td>
126                 </tr>
127             </tbody>
128         </table>
129     </div>
130     </div>
131 </body>
132 </html>
```



14 Create a form web page

Using HTML and HTML5 forms

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦♦

Bootstrap and CSS really make an impact on this task.

Outcome	Weight
Web Service Design and Implementation	♦♦◊◊◊

Bootstrap and CSS really make an impact on this task.

Date	Author	Comment
2019/08/07 20:42	Achmad Kemal	Ready to Mark
2019/08/07 21:13	Achmad Kemal	Ready to Mark
2019/08/22 08:53	Michael Hobbs	Great work with this Cam!
2019/08/22 08:53	Michael Hobbs	Complete

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Create a form web page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/08/07 21:13

Tutor:

Michael HOBBS

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦♦
Web Service Design and Implementation	♦♦◊◊◊

Bootstrap and CSS really make an impact on this task.

August 7, 2019



```
1 <!DOCTYPE html>
2 <html lang="en">
3     <head>
4         <title>Form 5.1</title>
5         <meta charset="utf-8">
6         <meta name="viewport" content="width=device-width, initial-scale=1">
7         <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
8         <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
9         <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
10    <style>
11        /* To make form to center position */
12        .center_form
13        {
14            margin: 0 auto;
15            width:40% /* value of your choice which suits your alignment */
16        }
17        /* Adjust textarea */
18        .textarea_size
19        {
20            width: 500px;
21            height: 150;
22        }
23        /* Make space between two buttons */
24        .spacer
25        {
26            margin-left: 50px;
27        }
28        .well
29        {
30            width: 90%;
31        }
32        /* For Step 2 task SIT774 (label) */
33        .label1
34        {
35            text-align: right;
36            width: 200px;
37        }
38        /* Textarea for step 2 */
39        .textarea_size1
40        {
41            width: 300px;
42            height: 150;
43        }
44        /* Agree Check Button */
45        .label2
46        {
47            text-align: right;
48            width: 400px;
49        }
50    </style>
```

```
51   </head>
52   <body>
53     <!-- Form 1 -->
54     <div class="container center_form ">
55       <h2 style="text-align: center;">Place a Pizza Order</h2>
56       <p>You can ring us on 9899 9999 or pick up at 2121 Toorak Road, South
57         ↵ Yarra or simply place an order via our online booking room </p>
58       <br>
59       <br>
60       <form>
61
62         <div class="form-group row">
63
64           <label for="name" class="col-sm-2 col-form-label">Your
65             ↵ name:</label>
66           <div class="col-xs-3">
67             <input type="text" class="form-control input-xs"
68               ↵ id="name">
69             </div>
70           </div>
71         <div class="form-group row">
72           <label for="phone" class="col-sm-2
73             ↵ col-form-label">Phone:</label>
74           <div class="col-xs-3">
75             <input type="text" class="form-control input-xs"
76               ↵ id="phone" placeholder="A number we can ring"
77               ↵ maxlength="10">
78             </div>
79           </div>
80         <div class="form-group row">
81           <label for="size" class="col-sm-2
82             ↵ col-form-label">Size?</label>
83           </div>
84         <div class="form-group row">
85           <label for="size" class="col-sm-2
86             ↵ col-form-label">Family</label>
87           <div class="col-xs-3">
88             <input type="radio" name="optradio">
89           </div>
90         </div>
91         <div class="form-group row">
92           <label for="size" class="col-sm-2 col-form-label
93             ↵ ">Large</label>
94           <div class="col-xs-3">
95             <input type="radio" name="optradio">
96           </div>
97         </div>
98         <div class="form-group row">
99           <label for="size" class="col-sm-2 col-form-label
100             ↵ ">Small</label>
101           <div class="col-xs-3">
102             <input type="radio" name="optradio">
103           </div>
```

```
94      </div>
95      <div class="form-group row">
96          <label for="phone" class="col-sm-2 col-form-label">How
97              ↳ Many?</label>
98          <div class="col-xs-1">
99              <input type="text" class="form-control input-xs"
100                 ↳ id="many">
101          </div>
102      </div>
103      <div class="form-group row">
104          <label for="type" class="col-sm-2
105              ↳ col-form-label">Type?</label>
106          <div class="col-xs-3">
107              <select multiple class="form-control" id="type">
108                  <option>Smoked Salmon</option>
109                  <option>Pesto</option>
110                  <option>Tropical</option>
111                  <option>Mexican</option>
112              </select>
113          </div>
114      </div>
115      <div class="form-group row">
116          <label for="delivery" class="col-sm-2
117              ↳ col-form-label">Pickup?</label>
118          <div class="col-xs-3">
119              <input type="radio" name="optradio">
120          </div>
121      </div>
122      <div class="form-group row">
123          <label for="delivery" class="col-sm-2
124              ↳ col-form-label">Delivery?</label>
125          <div class="col-xs-3">
126              <input type="radio" name="optradio" checked>
127          </div>
128      </div>
129      <div class="form-group row">
130          <label for="deliveryinfo" class="col-sm-2
131              ↳ col-form-label">Delivery Info</label>
132      </div>
133      <div class="form-group row">
134          <label for="delivery" class="col-sm-2
135              ↳ col-form-label">Delivery Time</label>
136          <div class="col-xs-3">
137              <select id="delivery" class="form-control"
138                  ↳ id="delivery">
139                  <option value="Time"> 6.00pm </option>
140                  <option value="Time"> 6.30pm </option>
141                  <option value="Time"> 7.00pm </option>
142                  <option value="Time"> 7.30pm </option>
143                  <option value="Time"> 8.00pm </option>
144                  <option value="Time"> 8.30pm </option>
145                  <option value="Time"> 9.00pm </option>
146                  <option value="Time"> 9.30pm </option>
```

```
139                         <option value="Time"> 10.00pm </option>
140                         <option value="Time"> 10.30pm </option>
141                         <option value="Time"> 11.00pm </option>
142                         <option value="Time"> 11.30pm </option>
143                         <option value="Time"> 00.00am </option>
144                     </select>
145                 </div>
146             </div>
147             <div class="form-group">
148                 <label for="request" class="col-sm-10"><i>Please
149                     → allow 30 minutes for delivery </i></label>
150                 <textarea class="form-control textarea_size"
151                     → id="request" rows="5"></textarea>
152             </div>
153             <div class="form-group">
154                 <label for="request" class="col-sm-6
155                     → col-form-label">Do you want to receive special
156                     → offers in the mail?</label>
157                 <input type="checkbox" checked>
158             </div>
159             <div class="form-group">
160                 <div id="spacer">
161                     <button type="button" class="btn spacer col-xs-3">Submit
162                         → Order</button>
163                     <button type="button" class="btn spacer col-xs-3">Reset
164                         → Order</button>
165             </div>
166         </div>
167     <!-- Form 2 -->
168     <br>
169     <br>
170     <div class="container center_form">
171         <h2 style="text-align: left;">Your comments on Our Business</h2>
172         <p><i>Required field are marked with an asterik*</i> </p>
173         <!-- Well is a Bootstrap background form-->
174
175         <div class="well">
176             <form>
177                 <div class="form-group row">
178                     <form>
179                         <label for="name" class="col-sm-2 col-form-label
180                             → label1">*Name:</label>
181                         <div class="col-xs-5">
182                             <input type="text" class="form-control input-xs"
183                                 → required>
184                         </div>
185                     </div>
186                     <div class="form-group row">
187                         <label for="email" class="col-sm-2 col-form-label
188                             → label1">*Email:</label>
189                         <div class="col-xs-5">
```

```
183             <input type="text" class="form-control input-xs"
184                 ↵ id="email" required>
185         </div>
186     <div class="form-group row">
187         <label for="rating" class="col-sm-2 col-form-label"
188             ↵ label1"> Rating(1-10):</label>
189         <div class="col-xs-6">
190             <input type="range" class="form-control-range"
191                 ↵ id="rating">
192         </div>
193     <div class="form-group row">
194         <label for="comment" class="col-sm-2 col-form-label"
195             ↵ label1"> *Comment:</label>
196         <div class="col-xs-6">
197             <textarea class="form-control textarea_size1"
198                 ↵ id="comment" rows="5" required></textarea>
199         </div>
200     <div class="form-group row">
201         <div class="label2">
202             <input type="checkbox">&nbsp;Agree the conditions
203         </div>
204     <div class="form-group row center_form">
205         <div id="spacer">
206             <button type="submit" class="btn spacer">Submit</button>
207             <button type="button" class="btn spacer">Reset</button>
208         </div>
209     </div>
210 </div>
211     </div>
212 </body>
213 </html>
```

Place a Pizza Order

You can ring us on 9899 9999 or pick up at 2121 Toorak Road, South Yarra or simply place an order via our online booking room

Your name:

Phone:

A number we can ring

Size?

Family

Large

Small

How Many?

Type?

Smoked Salmon
Pesto
Tropical
Mexican

Pickup?

Delivery?

Delivery Info

Delivery Time

6.00pm



Please allow 30 minutes for delivery

Do you want to receive special offers in the mail?

Submit Order

Reset Order

Your comments on Our Business

Required field are marked with an asterik*

*Name:

*Email: Please fill out this field.

Rating(1-10):

*Comment:

Agree the conditions

15 Create a form web page from requirements

Review requirements and create a web page based upon them

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

The requirement is a must-list to do it when somebody wants to develop a system

Outcome	Weight
Web Service Design and Implementation	♦♦♦◊◊

The requirement is a must-list to do it when somebody wants to develop a system

Date	Author	Comment
2019/08/08 00:26	Achmad Kemal	Ready to Mark
2019/09/04 20:18	Michael Hobbs	Looking good Kemal....With the question on the number of hours you work... Should these be radio buttons?
2019/09/04 20:19	Michael Hobbs	Also... Is there a way to improve the layout of your options for "My own" and "One of my parents", as this wraps the second item around to be under the first....
2019/09/04 20:19	Michael Hobbs	Fix and Resubmit
2019/09/05 09:33	Achmad Kemal	Ready to Mark
2019/09/05 09:33	Michael Hobbs	Time Exceeded
2019/09/17 14:34	Michael Hobbs	Thanks!
2019/09/17 14:34	Michael Hobbs	Complete

Create a form web page from requirements

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/05 09:33

Tutor:

Michael HOBBS

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦♦♦◊◊

The requirement is a must-list to do it when somebody wants to develop a system

September 5, 2019



```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <title>Form 5.2</title>
5          <meta charset="utf-8">
6          <meta name="viewport" content="width=device-width, initial-scale=1">
7          <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
8          <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
9          <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
10         <script src="https://ajax.aspnetcdn.com/ajax/jQuery/jquery-3.2.1.min.js"></script>
11     <style>
12         /* To make form to center position */
13         .center_form
14     {
15             margin: 0 auto;
16             width:40% /* value of your choice which suits your alignment */
17         }
18         /* Adjust textarea */
19         .textarea_size
20     {
21             width: 500px;
22             height: 150;
23         }
24         /* Make space between two buttons */
25         .spacer
26     {
27             margin-left: 50px;
28         }
29         .well
30     {
31             width: 100%;
32         }
33         /* For Step 2 task SIT774 (label) */
34         .label1
35     {
36             text-align: right;
37             width: 300px;
38         }
39         /* Textarea for step 2 */
40         .textarea_size1
41     {
42             width: 300px;
43             height: 150;
44         }
45         /* Agree Check Button */
46         .label2
47     {
48             text-align: right;
49             width: 400px;
```

```
50      }
51      </style>
52  </head>
53  <body>
54      <h2 style="text-align: center;">Deakin University Survey</h2>
55      <div class="container center_form ">
56          <br>
57          <br>
58          <div class="well">
59              <form>
60                  <div class="form-group row">
61                      <form>
62                          <label for="dob" class="col-sm-2
63                             col-form-label label1">What is your
64                             date of birth?</label>
65                          <div class="col-xs-5">
66                              <input type="date" class="form-control
67                                 input-xs" id="dob" required>
68                          </div>
69                  </div>
70                  <div class="form-group row">
71                      <label for="postcode" class="col-sm-2
72                         col-form-label label1">What is the
73                         postcode at your current home
74                         address?</label>
75                      <div class="col-xs-5">
76                          <!-- For the user can only put a number
77                             in this section -->
78                          <input type="text" oninput="this.value=_
79                             this.value.replace(/[^0-9]/g, '');"_
80                             class="form-control input-xs"
81                             id="postcode" maxlength="6"
82                             required>
83                      </div>
84                  </div>
85                  <div class="form-group row">
86                      <label for="gender" class="col-sm-2
87                         col-form-label
88                         label1">Gender:</label>
89                      <div class="col-xs-3">
90                          <input type="radio"
91                             class="form-control-range"
92                             name="gender" >Female &nbsp;
93                          <input type="radio"
94                             class="form-control-range"
95                             name="gender" >Male
96                      </div>
97                  </div>
98                  <div class="form-group row">
99                      <label for="year" class="col-sm-2
100                         col-form-label label1"> In what
101                         year did you start primary
102                         school?</label>
```

```
83          <div class="col-xs-3">
84              <select id="year" class=
85                  => "form-control"
86                  => placeholder="Choose
87                  => a year" required>
88                  <option
89                      => disabled
90                      => selected va_
91                      => lue>Choose
92                      => an option</_
93                      </option>
94                  <option value="_
95                      => 2018">2019<_
96                      </option>
97                  <option value="_
98                      => 2018">2018<_
99                      </option>
100                 <option value="_
101                     => 2017">2017<_
102                     </option>
103                 <option value="_
104                     => 2016">2016<_
105                     </option>
106                 <option value="_
107                     => 2015">2015<_
108                     </option>
109                 <option value="_
110                     => 2014">2014<_
111                     </option>
112                 <option value="_
113                     => 2013">2013<_
114                     </option>
115                 <option value="_
116                     => 2012">2012<_
117                     </option>
118                 <option value="_
119                     => 2011">2011<_
120                     </option>
121                 <option value="_
122                     => 2010">2010<_
123                     </option>
124                 <option value="_
125                     => 2009">2009<_
126                     </option>
127                 <option value="_
128                     => 2008">2008<_
129                     </option>
130                 <option value="_
131                     => 2007">2007<_
132                     </option>
133                 <option value="_
134                     => 2006">2006<_
135                     </option>
```

```
100          <option value="">  
101             ↵ 2005">2005<  
102             ↵ /option>  
103          <option value="">  
104             ↵ 2004">2004<  
105             ↵ /option>  
106          <option value="">  
107             ↵ 2003">2003<  
108             ↵ /option>  
109          <option value="">  
110             ↵ 2002">2002<  
111             ↵ /option>  
112          <option value="">  
113             ↵ 2001">2001<  
114             ↵ /option>  
115          <option value="">  
116             ↵ 2000">2000<  
117             ↵ /option>  
118          <option value="">  
119             ↵ 1999">1999<  
120             ↵ /option>  
121          <option value="">  
122             ↵ 1998">1998<  
123             ↵ /option>  
124          <option value="">  
125             ↵ 1997">1997<  
126             ↵ /option>  
127          <option value="">  
128             ↵ 1996">1996<  
129             ↵ /option>  
130          <option value="">  
131             ↵ 1995">1995<  
132             ↵ /option>  
133          <option value="">  
134             ↵ 1994">1994<  
135             ↵ /option>  
136          <option value="">  
137             ↵ 1993">1993<  
138             ↵ /option>  
139          <option value="">  
140             ↵ 1992">1992<  
141             ↵ /option>  
142          <option value="">  
143             ↵ 1991">1991<  
144             ↵ /option>  
145          <option value="">  
146             ↵ 1990">1990<  
147             ↵ /option>  
148          <option value="">  
149             ↵ 1989">>198  
150             ↵ 9</option>  
151          </select>  
152      </div>
```

```
119 </div>
120     <div class="form-group row">
121         <label for="cyear" class="col-sm-2
122             ↳ col-form-label label1">When did you
123             ↳ complete Year 12?</label>
124         <div class="col-xs-3">
125             <input type="radio"
126                 ↳ name="optradio">&nbsp; After 2010
127             </div>
128         </div>
129         <div class="form-group row">
130             <label for="cyear" class="col-sm-2
131                 ↳ col-form-label label1"></label>
132             <div class="col-xs-3">
133                 <input type="radio"
134                     ↳ name="optradio">&nbsp;Before 2010
135             </div>
136         </div>
137         <div class="form-group row">
138             <label for="cyear" class="col-sm-2
139                 ↳ col-form-label label1"></label>
140             <div class="col-xs-3">
141                 <input type="radio"
142                     ↳ name="optradio">&nbsp;Never
143             </div>
144         </div>
145         <div class="form-group row">
146             <label for="fulltime"
147                 ↳ class="col-sm-2 col-form-label
148                     ↳ label1">Are you currently
149                     ↳ employed full-time (20 Hours
150                         ↳ or more per week)?</label>
151             <div class="col-xs-3">
152                 <input type="radio"
153                     ↳ class="form-control-range"
154                     ↳ name="fulltime" >Yes &nbsp;
155                 <input type="radio"
156                     ↳ class="form-control-range"
157                     ↳ name="fulltime" >No
158             </div>
159         </div>
160         <div class="form-group row">
161             <label for="parttime"
162                 ↳ class="col-sm-2 col-form-label
163                     ↳ label1">Are you currently
164                     ↳ employed part-time (20 Hours
165                         ↳ or more per week)?</label>
166             <div class="col-xs-3">
167                 <input type="radio"
168                     ↳ class="form-control-range"
169                     ↳ name="parttime" >Yes &nbsp;
170                 <input type="radio"
171                     ↳ class="form-control-range"
172                     ↳ name="parttime" >No
173             </div>
174         </div>
```

```
150                                     </div>
151                                     </div>
152                                     <div class="form-group row">
153                                         <label for="idea" class="col-sm-2
154                                         → col-form-label label1">Who's
155                                         → idea was it that you come to
156                                         → Deakin University?</label>
157                                         <div class="col-xs-3">
158                                             <input type="radio"
159                                             → class="form-control-range"
160                                             → name="idea" >My own
161                                             <br>
162                                             <input type="radio"
163                                             → class="form-control-range"
164                                             → name="idea" >One of my parents
165                                             </div>
166                                     </div>
167                                     <div class="form-group row">
168                                         <label for="idea" class="col-sm-2
169                                         → col-form-label label1"></label>
170                                         <div class="col-xs-3">
171                                             <input type="radio"
172                                             → class="form-control-range"
173                                             → name="idea" >A Teacher
174                                             <br>
175                                             <input type="radio"
176                                             → class="form-control-range"
177                                             → name="idea" >A Friend
178                                             </div>
179                                         </div>
180                                         <div class="form-group row">
```

```
181                               </div>
182             <div class="form-group row center_form">
183               <div id="spacer">
184                 <button type="submit" class="btn
185                   ↵ spacer">Submit</button>
186                 <button type="button" class="btn
187                   ↵ spacer">Reset</button>
188               </div>
189           </form>
190       </div>
191   </div>
192 </body>
193 </html>
```

Deakin University Survey

What is your date of birth?

What is the postcode at your current home address?

Gender: Female Male

In what year did you start primary school?

When did you complete Year 12? After 2010
 Before 2010
 Never

Are you currently employed full-time (20 Hours or more per week)? Yes No

Are you currently employed part-time (20 Hours or more per week)? Yes No

Who's idea was it that you come to Deakin University?

My own
 One of my parents
 A Teacher
 A Friend
 A relative
 A Friend of my parent
 Other

16 Website project specification, design and draft pages

Consolidation of the skills you have learnt so far

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊

Planning before web development is a good idea to prevent project failure.

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

Planning before web development is a good idea to prevent project failure.

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

Planning before web development is a good idea to prevent project failure.

Outcome	Weight
Option Identification and Application Deployment	♦♦♦♦◊

Planning before web development is a good idea to prevent project failure.

Outcome	Weight
Achieved Outcome Justification	♦♦♦♦◊

Planning before web development is a good idea to prevent project failure.

Date	Author	Comment
2019/08/11 02:10	Achmad Kemal	Ready to Mark
2019/09/04 20:42	Michael Hobbs	Looks great Kemal. You have developed an interesting idea here...
2019/09/04 20:42	Michael Hobbs	Good structure and design.
2019/09/04 20:42	Michael Hobbs	Complete

Website project specification, design and draft pages

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/10/05 17:10

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦♦♦♦◊
Option Identification and Application Deployment	♦♦♦♦◊
Achieved Outcome Justification	♦♦♦♦◊

Planning before web development is a good idea to prevent project failure.

October 5, 2019



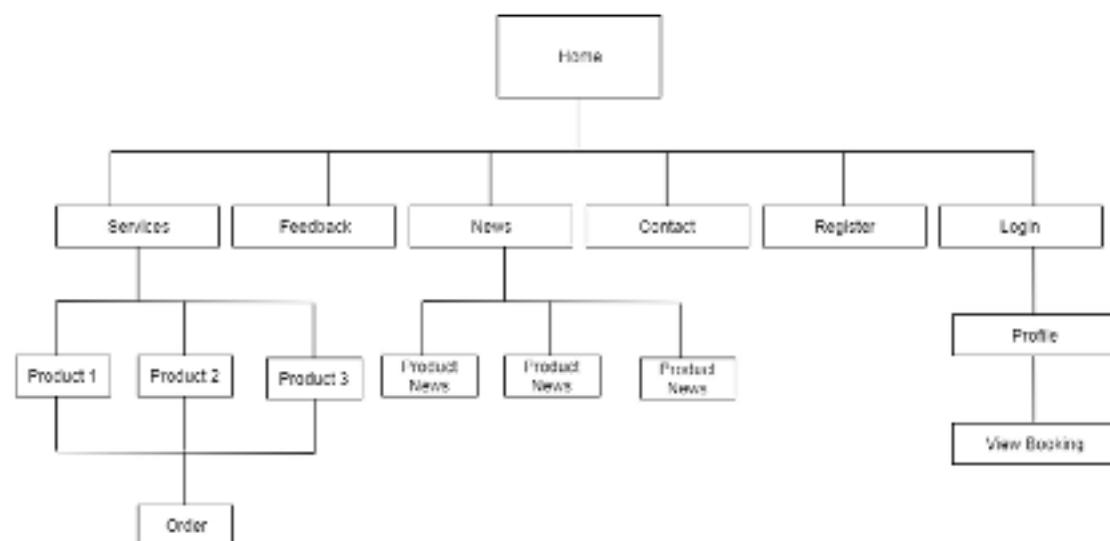
SIT 774

Achmad M ustafa K emal

ID: 219374683

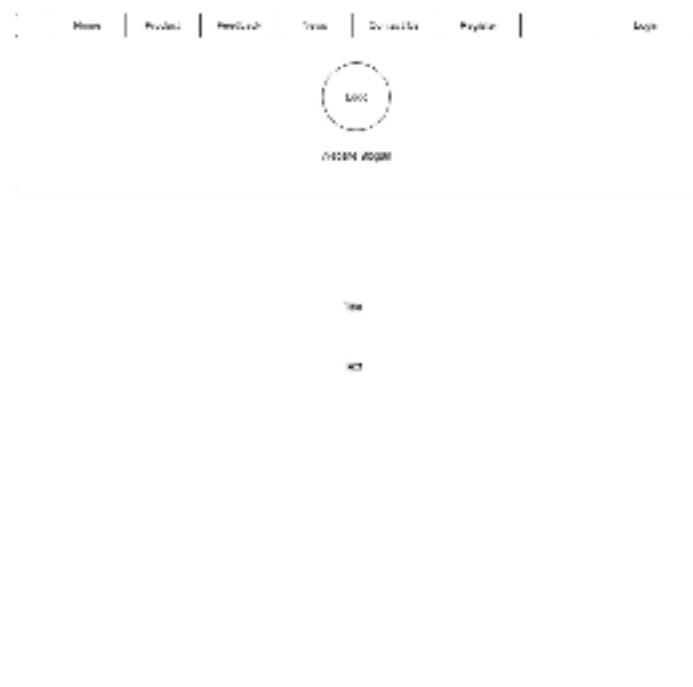
Task 5.3

K em Basketball Shop Website Site Map

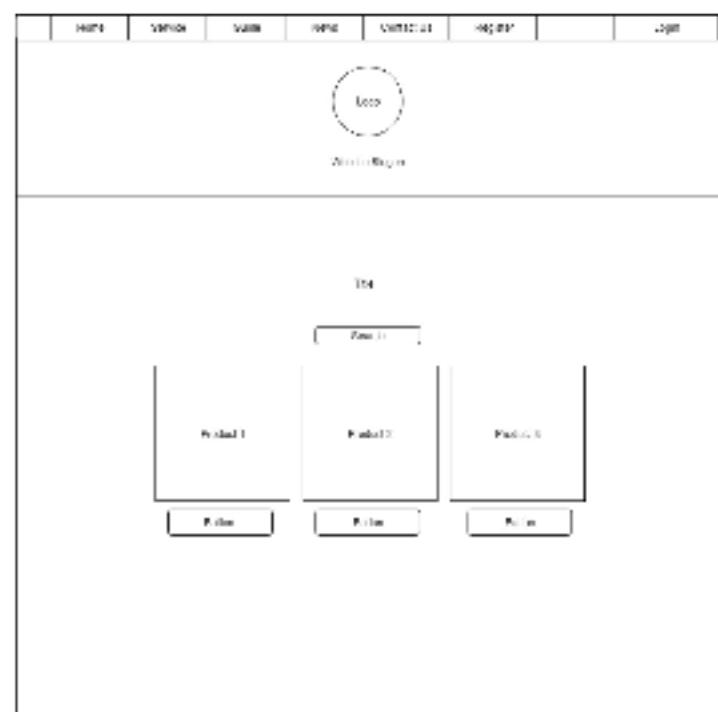


Wireframe

Homepage



Product



Feedback

Home | Profile | Feedback | News | Contact Us | Register | Log In

 User
About Program

Title

Test Report | Response

Feedback

Current Date

News

Home | About Us | Feedback | News | Contact Us | Register | Log In

 User
About Program

Title

Headlines | Headlines | Headlines

Contact

Azimuth Diagram

Tilt
Tilt
Az
Az
Tilt

Map

Register

Home	Search	Create	Help	Logout	Log In
 Welcome to Log In					
 User <hr/> First name <hr/> Last name <hr/> Email (required) <hr/> Password <hr/> Confirm password <hr/> Log in <hr/> Log in (Guest)					
<input type="button" value="Create an Account"/>					
<input type="button" value="Forgot Password"/> <input type="button" value="Forgot Email"/>					

Login

Home	Product	Returns	News	Contact Us	Register		Login
------	---------	---------	------	------------	----------	--	-------

 User

Welcome Guest

 Admin

User

Profile

Profile | My Profile | My Orders | My Shipping

Logout

Profile

Logout

Input customer information:

First name: John
Last name: Doe
Address: 123 Main Street
City: Anytown
State: CA
Zip code: 90210
Phone number: 555-1234567

[Single Column] [Multi-Column]

Order

Profile | My Profile | My Orders | My Shipping

Logout

Profile

Logout

Input customer information:

First name: John
Last name: Doe
Address: 123 Main Street
City: Anytown
State: CA
Zip code: 90210
Phone number: 555-1234567

[Single Column] [Multi-Column]

View Booking

From Date: To Date:

Search:

Name	Duration	Booking ID	Start Date	End Date	Cost	Value

SIT 774

Achmad M ustafa K emal

ID: 219374683

Homepage

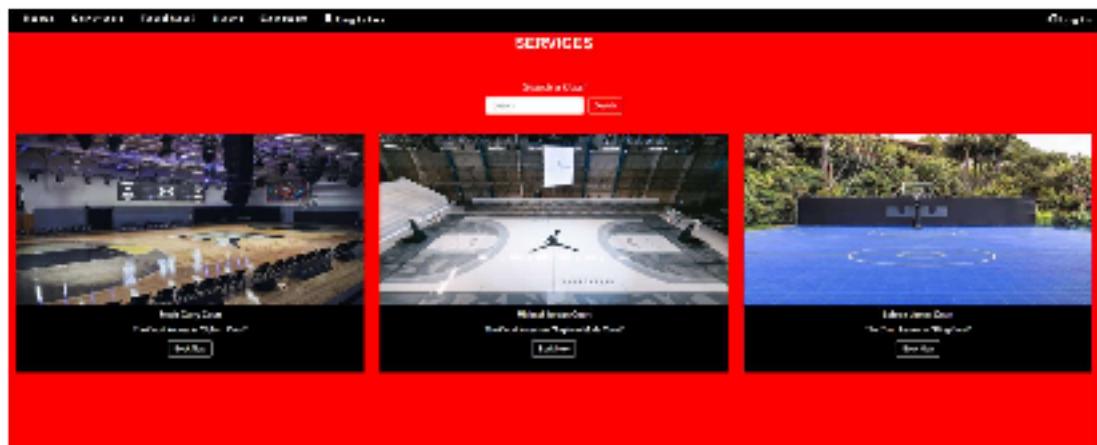


Welcome

WELCOME TO THE OFFICIAL WEBSITE OF THE NATIONAL SPORTS FACILITY. WE ARE A LEADING PROVIDER OF HIGH-LEVEL SPORTS TRAINING AND COMPETITION FACILITIES. OUR STATE-OF-THE-ART FACILITIES INCLUDE A 50M SWIMMING POOL, A 400M ATHLETICS TRACK, A MULTIPURPOSE COURT FOR TENNIS, BADMINTON, AND VOLLEYBALL, AND A GYMNASIUM. WE ARE COMMITTED TO PROMOTING EXCELLENCE IN SPORTS AND PROVIDING TOP-LEVEL TRAINING FOR ALL LEVELS OF ATHLETES.

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Service



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NEWS

Highly anticipated basketball game between the Albany Patroons and the New York Empire will be held at the Times Union Center on Saturday, March 11th.

The Albany Patroons basketball team will play their first home game of the season against the New York Empire on Saturday, March 11th at the Times Union Center.

Albany Mayor Jerry Jennings has announced that the Albany Patroons basketball team will play their first home game of the season against the New York Empire on Saturday, March 11th at the Times Union Center.

Contact

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CONTACT US

Contact us and we'll get back to you:

Text, Text
 20 West Street, 2nd
 100 W. Madison
 feedback@courtny.org

Our Map Location

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I implement Google recaptcha

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COURT

Court Member Registration Form

User Name:

User Name:

User Name:

Email Address:

User ID:

User Type:

Phone or other:

I'm Human 

Login

Skip

[Home](#) [Services](#) [Products](#) [News](#) [Contact](#) [Register](#)

User ID
 User Name
 User Password
 I'm Human 


COURT

Court Member Login Form

User Name:

User Password:

Developed by School Watch Board

Profile

The screenshot shows a dark-themed profile page. At the top center is a placeholder image for a profile picture, featuring a stylized 'COURT' logo with three circles and a central dot. Below the logo is the quote "Winners train, Losers complain".

Below the quote is a form with several input fields:

- Last name: [input field]
- First name: [input field]
- Middle name: [input field]
- Suffix: [input field]
- Title: [input field]
- First name: [input field]
- Last name: [input field]

At the bottom right of the form are two buttons: "Next" and "Cancel".

Booking

I implement Google recaptcha

The screenshot shows a dark-themed booking page. At the top center is a placeholder image for a profile picture, featuring a stylized 'COURT' logo with three circles and a central dot. Below the logo is the quote "Winners train, Losers complain".

Below the quote is a form with several input fields:

- Last name: [input field]
- First name: [input field]
- Middle name: [input field]
- Suffix: [input field]
- Title: [input field]
- First name: [input field]
- Last name: [input field]

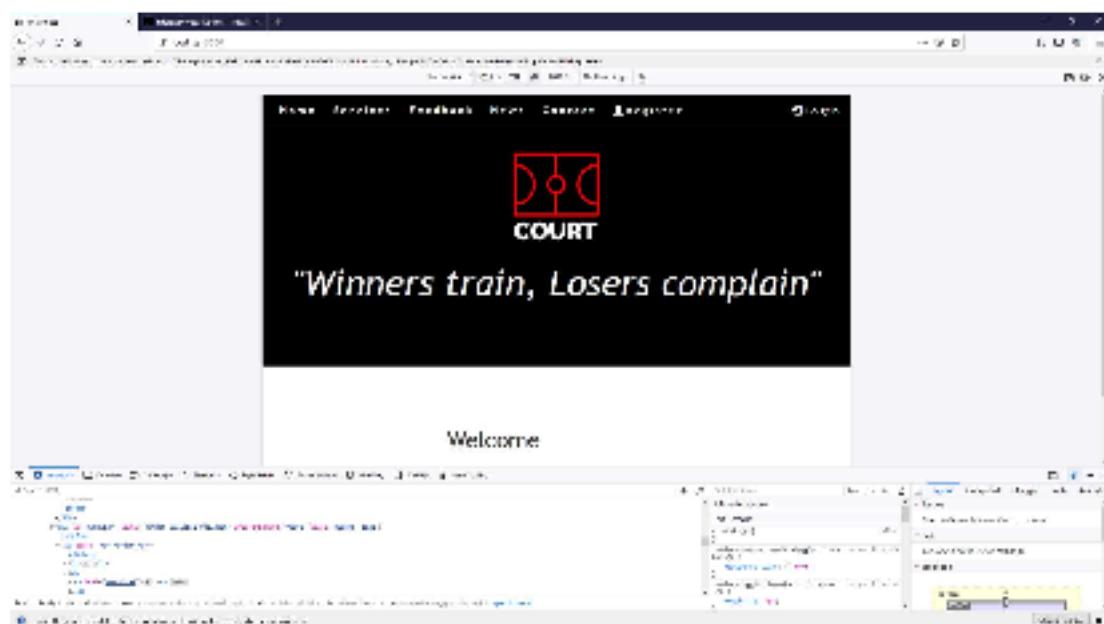
At the bottom right of the form is a Google reCAPTCHA checkbox labeled "I'm not a robot".

[View Booking](#)

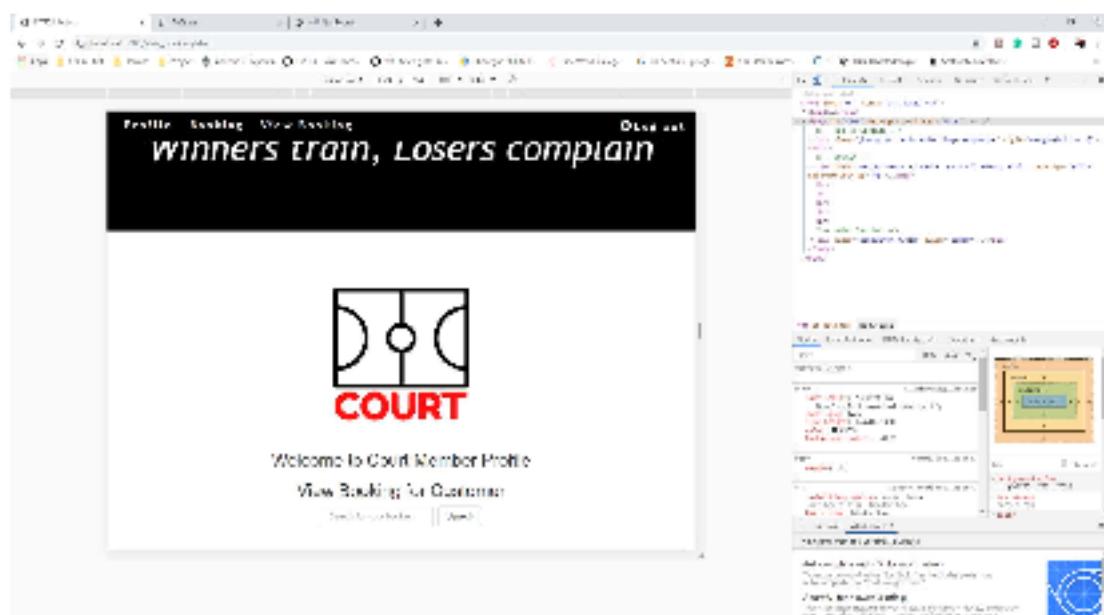


Test responsive ability in the internet browser

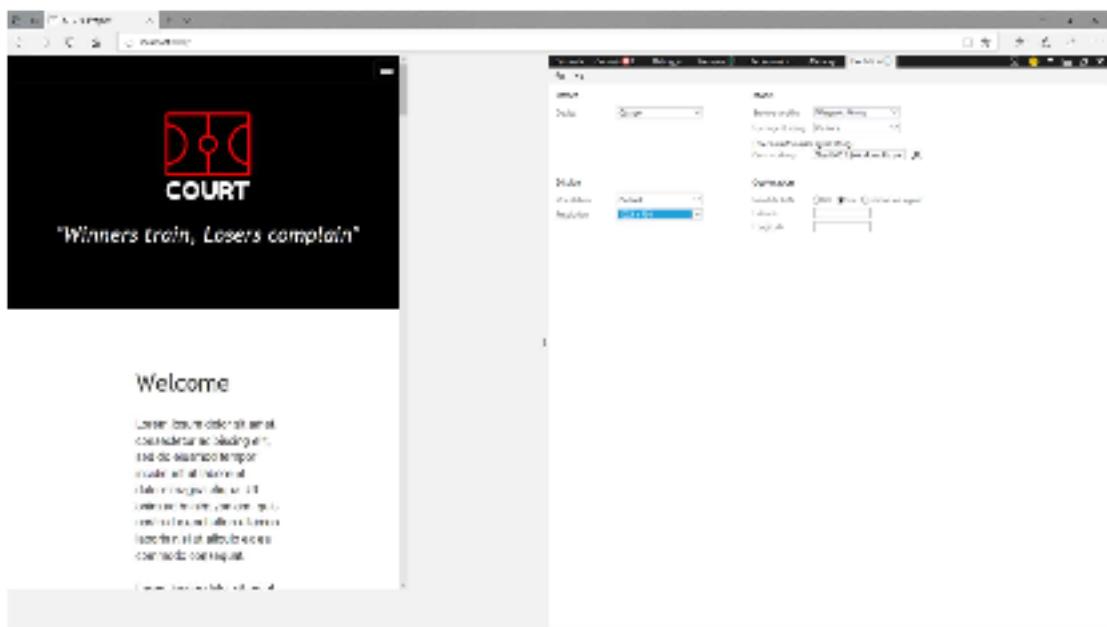
Mozilla Firefox



Google Chrome

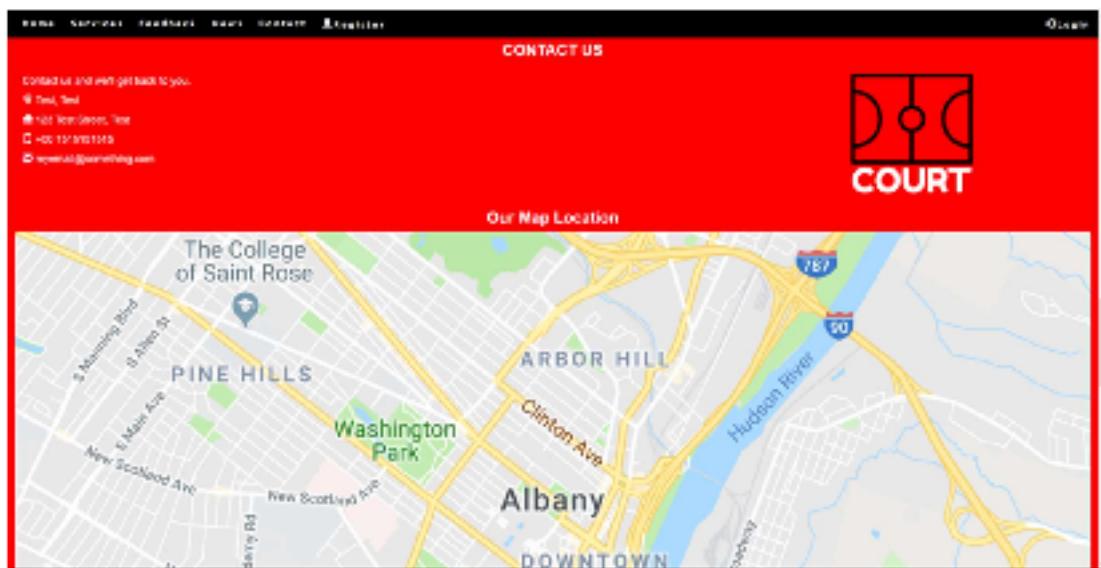


Microsoft Edge

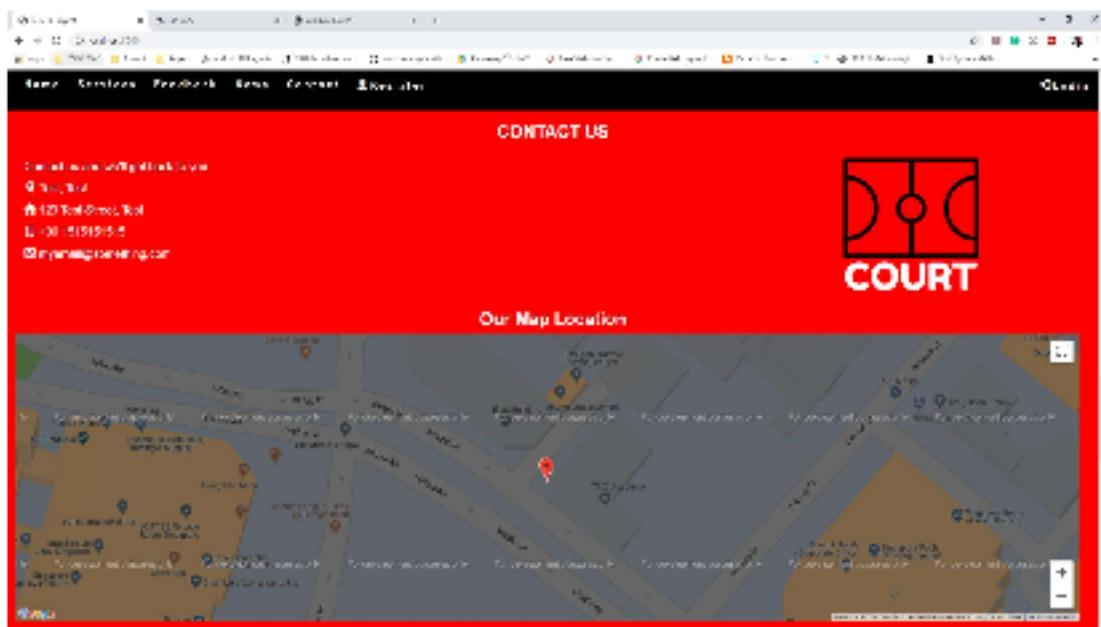


Contact (Improved)

In this contact form, I implemented google map API



(Before implementation of google map API)



(After implementation of google map API)

SIT774

Achmad Mustafa Kemal

ID: 219374683

Index.html (Improved with Javascript)

```
<!DOCTYPE html>
<html lang="en">
  <!DOCTYPE html>
  <div lang="en">
    <head>
      <title>SIT774 Project</title>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <link rel="stylesheet"
        href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
      <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"
        type="text/css">
      <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet" type="text/css">
      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
      <script
        src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
      <script src='https://www.google.com/recaptcha/api.js' async defer></script>
      <style>
.jumbotron{
  /* background: url("sneaker.jpg") no-repeat center center;
  /* background-size: cover;
  min-height: 800px; */
  background-color: black;
  font-family: Trebuchet MS, sans-serif;
  padding: 100px 25px;
}
.logo
```

```
{  
    display: flex;  
    justify-content: center;  
    /* align-items: center; */  
    position: relative;  
}  
.head  
{  
    font-family: Trebuchet MS, sans-serif;  
    font-size: 40px !important;  
}  
.bp  
{  
    font-size: 20px !important;  
}  
  
.body{  
    font: 400 15px Lato, sans-serif;  
}  
.navbar  
{  
    margin-bottom: 0;  
    border-radius: 0;  
    background-color:black;  
    font-size: 23px !important;  
    font-family: Trebuchet MS, sans-serif;  
    font-size: 18px !important;  
    line-height: 1.42857143 !important;  
    letter-spacing: 4px;  
}
```

```
.affix {  
    top: 0;  
    width: 100%;  
    z-index: 9999 !important;  
}  
  
.affix + .container-fluid {  
    padding-top: 70px;  
}  
  
.thumbnail {  
    padding: 0 0 30px 0;  
    border: none;  
    border-radius: 0;  
    background-color: black;  
}  
  
.thumbnail1 {  
    padding: 0 0 40px 0;  
    border: none;  
    border-radius: 0;  
    background-color:red;  
}  
  
.thumbnail2 {  
    padding: 0 0 60px 0;  
    border: none;  
    border-radius: 0;  
    background-color:red;  
}  
  
.navbar li a, .navbar .navbar-brand {  
    color:white !important;  
}  
  
.navbar-nav li a:hover, .navbar-nav li.active a {
```

```
    color: black !important;
    background-color:red !important;
}
.well {
    height: 400px;
    width: 80%;
    background-color:black;
}

.center_form {
    margin: 0 auto;
    width:40% /* value of your choice which suits your alignment */
}
.content {
    padding: 16px;
}
.sticky {
    position: fixed;
    top: 0;
    width: 100%;
}
.sticky + .content {
    padding-top: 60px;
}
.bg-color {
    background-color: red;
}
.bg-color1{
    background-color: white;
```

```
}

.bg-color2{
background-color: black;
}

@keyframes slide {
0%
{
    opacity: 0;
    transform: translateY(70%);
}
100% {
    opacity: 1;
    transform: translateY(0%);
}
}

.thumbnail img {
width: 100%;
height: 100%;
margin-bottom: 10px;
}

.btn-primary-outline {
background-color: transparent;
border-color: #ccc;
}

.button1
{
font-size: 13px;
color: white;
}

.button3
```

```
        {
            background-color: white;
            font-size: 20px;
            color: black;
        }
        .button3:hover {
            background-color: red;
            color: white;
        }

    }
    .bsize
    (
        padding: 7px 30px;
    }


```



```
</style>
<script>
$(document).ready(function(){
    // Add smooth scrolling to all links in navbar + footer link
    $("a[href='#myPage']").on('click', function(event) {
        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {
            // Prevent default anchor click behavior
            event.preventDefault();

            // Store hash
            var hash = this.hash;

            // Using jQuery's animate() method to add smooth page scroll
            // the value of the hash is used to scroll to the contact information
            // we stored in link above
            $('html, body').animate({
                scrollTop: $(hash).offset().top
            }, 700, function(){
                // Add hash (#myPage) to URL when done scrolling (optional)
                window.location.hash = hash;
            });
        }
    })
})
```

```
// The optional number (900) specifies the number of milliseconds it takes to scroll to
// the specified area

$( 'html, body' ).animate( [
    scrollTop: $( hash ).offset().top
], 900, function() {

    // Add hash (#) to URL when done scrolling (default click behavior)
    window.location.hash = hash;

});

} // End if

});

}

//Google Captcha

var captchaContainer = null;

var loadCaptcha = function() {
    captchaContainer = grecaptcha.render('captcha_container', {
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcvw',
        'callback' : function(response) {
            alert(response);
        }
    });
};

</script>

<!-- Validation for search form --&gt;

&lt;script&gt;

    function validation1() {
        if (document.getElementById("search").value.length == 0) {
            document.getElementById("message4").innerHTML = "&lt;em&gt; You did not enter value in the
            search form&lt;/em&gt;";
            return false;
        }
    }

</pre>
```

```
        return true;
    }
}

</script>

<!-- Validation for feedback form -->

<script>

    function validation2()
    {

        var mailformat = /^w+([.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
        var emailvalue = document.getElementById("email").value;
        if (document.getElementById("name").value.length == 0) {
            document.getElementById("message5").innerHTML = "<em> You did not enter name</em>";
            return false;
        }
        if(!emailvalue.match(mailformat)){
            document.getElementById("message6").innerHTML = "<em> please enter email contain @gmail.com only</em>";
            return false;
        }
        if (document.getElementById("comments").value.length < 5) {
            document.getElementById("message7").innerHTML = "<em> Mininum 5 characters</em>";
            return false;
        }
        return true;
    }
}

</script>

<!-- Validation for register form -->

<script>

    function validation3()
    {
```

```
var mailformat = /^[\w+([.-]?\w+)*[@gmail.com]*(\.\w{2,3})+\$/;
var emailvalue = document.getElementById("email1").value;

var phoneno = /^[+]*[(]{0,1)[0-9]{1,4}[)]{0,1}[-\s]{0-9}*$/g;
var phone_val = document.getElementById("phone").value;

var response = grecaptcha.getResponse();

if (document.getElementById("username").value.length == 0) {
    document.getElementById("message8").innerHTML = "<em> You did not create a
username</em>";
    return false;
}

if (document.getElementById("password").value.length < 1) {
    document.getElementById("message9").innerHTML = "<em> You should input more than 1
character</em>";
    return false;
}

if (document.getElementById("fname").value.length == 0) {
    document.getElementById("message10").innerHTML = "<em> You did not enter
firstname</em>";
    return false;
}

if (document.getElementById("lname").value.length == 0) {
    document.getElementById("message11").innerHTML = "<em> You did not enter
lastname</em>";
    return false;
}

if(!emailvalue.match(mailformat)){
    document.getElementById("message12").innerHTML = "<em> please enter email contain
@gmail.com only</em>";
    return false;
}
```

```
if(!phone_val.match(phoneeno)){
    document.getElementById("message13").innerHTML = "<em> Please enter correct
number</em>";
    return false;
}
if (document.getElementById("gender").value.length == 0) {
    document.getElementById("message14").innerHTML = "<em> Please choose one
gender</em>";
    return false;
}
if(response.length == 0) {
    document.getElementById("message15").innerHTML = "<em> Please tick recaptcha</em>";
    return false;
}
return true;
}
</script>

<!-- Validation for login form -->
<script>
    function validation4()
    {
        if (document.getElementById("username").value.length == 0) {
            document.getElementById("message16").innerHTML = "<em> You did not enter
username</em>";
            return false;
        }
        if (document.getElementById("ipassword").value.length == 0) {
            document.getElementById("message17").innerHTML = "<em> You did not enter
password</em>";
            return false;
        }
    }
</script>
```

```
        }

    </script>

</head>
<body>
<div id="base">
    <!-- Top of website -->
    <div class="jumbotron text-center img-responsive" style="margin-bottom: 0">
        <div class="logo">
            
        </div>
        <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>
    </div>
    <!-- Navbar -->
    <nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-
top="60">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
            </div>
            <div class="collapse navbar-collapse" id="myNavbar">
                <ul class="nav navbar-nav">
                    <li><a href="#home"><b>Home</b></a></li>
                    <li><a href="#services"><b>Services</b></a></li>
                    <li><a href="#feedback"><b>Feedback</b></a></li>
                    <li><a href="#news"><b>News</b></a></li>
```



```
</div>
</div>
<br>
<br>
<br>
<br>
<br>

<!-- Services Section -->

<div id="services" class="container-fluid text-center bg-color">
    <h2 style="color: white;"><b>SERVICES</b></h2><br>
    <br>
    <h4 style="color: white;"><i>Search a Court</i></h4>
    <form class="form-horizontal container" action="#" onsubmit="return validation1()">
        <input class="form-control mr-sm-2" type="text" id="search" placeholder="Search" aria-label="Search"/>&nbsp;
        <button class="btn btn-primary-outline button1" type="submit">Search</button>
    </form>
    <span id="message4" style="color:white"></span>
    <br>
    <br>
    <div class="row text-center">
        <div class="col-sm-4">
            <div class="thumbnail">
                
                <p style="color: white;"><strong>Steph Curry Court</strong></p>
                <p style="color: white;">The Court known as "Splash Court"</p>
                <a type="button" href="#login" class="btn btn-primary-outline button1">Book Now</a>
            </div>
        </div>
        <div class="col-sm-4">
            <div class="thumbnail">
                
                <p style="color: white;"><strong>Kobe Bryant Court</strong></p>
                <p style="color: white;">The Court known as "Black Mamba Court"</p>
                <a type="button" href="#login" class="btn btn-primary-outline button1">Book Now</a>
            </div>
        </div>
    </div>
</div>
```



```
<form action="#" onsubmit="return validation2();">
<div class="col-sm-12">
<div class="row">
<div class="col-sm-6 form-group">
<input class="form-control" id="name" placeholder="Enter Name" type="text">
<span id="message5" style="color: red"></span>
</div>
<div class="col-sm-6 form-group">
<input class="form-control" id="email" placeholder="Enter Email" type="text">
<span id="message6" style="color: red"></span>
</div>
</div>
<textarea class="form-control" id="comments" placeholder="Comments" rows="12"></textarea><br>
<span id="message7" style="color: red"></span>
<div class="row ">
<div class="center_form">
</div>
</div>
</div>
<div class="container-fluid">
<button class="btn btn-default pull-right button3 bsize" type="submit">Send</button>
</div>
<br>
<br>
<br>
<br>
</form>
</div>

<!-- News section -->
```

```
<div id="news" class="container-fluid text-center bg-color2">
    <h2 style="color:white;"><b>NEWS</b></h2><br>
    <br>
    <br>
    <br>
    <div class="row text-center">
        <div class="col-sm-4">
            <div class="thumbnail thumbnail2">
                <div class="embed-responsive embed-responsive-4by3">
                    <video controls class="embed-responsive-item" >
                        <source src="cury.mp4" type="video/mp4">
                    </video>
                </div>
                <p style="color: white;"><strong>Steph Curry release new shoe</strong></p>
                <p style="color: white;">The latest update in Stephen Curry's signature footwear line is officially complete. Programmed for maximum unpredictability, the lightweight, precision-fitting Curry 5 was developed to help Stephen optimize his on-court performance.</p>
            </div>
        </div>
        <div class="col-sm-4">
            <div class="thumbnail thumbnail1">
                <div class="embed-responsive embed-responsive-4by3">
                    <video controls class="embed-responsive-item" >
                        <source src="rw.mp4" type="video/mp4">
                    </video>
                </div>
                <p style="color: white;"><strong>Russel Westbrook release new shoe</strong></p>
                <p style="color: white;">The Jordan "Why Not" Zer0.2 shoe, designed with the help of Russell Westbrook, is where form meets function. Russell and MJ put in a lot of work to get a high-performing shoe along with a fashionable look. The thought process shows even in the way the outsole comes up and hugs the mid and upper providing extra stability. This shoe and its colorful cousins may become classics all their own.</p>
            </div>
        </div>
    </div>

```



```
<p style="text-align: left; color:white; font-size: 20px;"><span class="glyphicon glyphicon-home"></span> 123 Test Street, Test</p>

<p style="text-align: left; color:white; font-size: 20px;"><span class="glyphicon glyphicon-phone"></span> +00 1515151515</p>

<p style="text-align: left; color:white; font-size: 20px;"><span class="glyphicon glyphicon-envelope"></span> myemail@something.com</p>

</div>

<div class="col-sm-4">
    <div class="logo">
        
    </div>
</div>

<!-- This is still image but We use Google API in the future -->
<!-- Updated: Google map Api implemented-->

<h2 style="color: white;"><b>Our Map Location</b></h2>

<!--  -->

<div id="map" style="width:99%;height:500px"> </div>
<br>
<br>
</div>

<!-- Registration Section -->

<div id="registration" class="container-fluid" align="center">
    <br>
    <br>
    <div class="logo">
        
    </div>
    <h2>Court Member Registration Form</h2>
```

```
<form action="#" onsubmit="return validation3()">
<div class="form-group">
    <label for="username"></label>
    <input style="width:50%" type="text" id="username" class="form-control" placeholder="Enter Username" maxlength="10" >
    <span id="message8" style="color: red;"></span>
</div>
<div class="form-group">
    <label for="password"></label>
    <input style="width:50%" type="password" id="password" class="form-control" placeholder="Enter Password" maxlength="15" >
    <span id="message9" style="color: red;"></span>
</div>
<div class="form-group">
    <label for="firstname"></label>
    <input style="width:50%" type="text" id="fname" class="form-control" placeholder="Enter Firstname" >
    <span id="message10" style="color: red;"></span>
</div>
<div class="form-group">
    <label for="lastname"></label>
    <input style="width:50%" type="text" id="lname" class="form-control" placeholder="Enter Lastname" >
    <span id="message11" style="color: red;"></span>
</div>
<div class="form-group">
    <label for="email"></label>
    <input class="form-control" id="email1" placeholder="Enter Email" type="text" style="width: 50%">
    <span id="message12" style="color: red;"></span>
</div>
```

```
<div class="form-group">
    <label for="contact"></label>
    <input style="width:50%" type="text" class="form-control" id="phone"
placeholder="Enter Phone" name="phone">
    <span id="message13" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="gender"></label><select class="form-control" id="gender" style="width:50%">
        <option disabled selected value>Choose an option</option>
        <option value="Male">Male </option>
        <option value="Female">Female </option>
    </select>
    <span id="message14" style="color: red;"></span>
</div>

<div class="col-sm-12" align="center">
    <div class="g-recaptcha" data-
sitekey="6LchYLIUAAAAAJXgCPTXeIJHTmJNe3bsEnwlcvv" data-callback="verifyCaptcha"></div>
</div>

<div class="col-sm-12" align="center">
    <input id="check" type="hidden" value ="1"/>
    <span id="message15" style="color: red;"></span>
    <br>
    <button type="submit" class="btn btn-default button3" >Submit</button>
    <button type="reset" class="btn btn-default button3" > Clear</button>
    <br>
    <br>
</div>
</div>
</div>
</div>
```

```
</div>
</form>
<!-- Login Form -->
<div id="login" class="container-fluid bg-color2 align="center">
<br>
<br>
<div class="logo">

</div>
<h2 style="color: white;">Court Member Login Form</h2>
<h3 style="color: white;"><i>(For non customer, you must register before book a basketball court)</i></h3>
<form action="#" onsubmit="return validation4()">
<div class="form-group">
<label for="lusername"></label>
<input type="text" class="form-control" style="width:50%" id="lusername" placeholder="Enter username" maxlength="40" >
<span id="message16" style="color: red;"></span>
</div>
<div class="form-group">
<label for="lpassword"></label>
<input type="password" class="form-control" style="width:50%" id="lpassword" placeholder="Enter password" maxlength="40" >
<span id="message17" style="color: red;"></span>
</div>
<div class="form-group">
<button type="submit" class="btn btn-default button3">Submit</button>
<button type="reset" class="btn btn-default button3"> Clear</button>
</div>
</form>
<br>
<br>
```

```
<br>
<br>
</div>

<!-- Footer -->

<div class="container-fluid bg-color2" align="center">
<footer class="container-fluid text-center">
<a href="#base" title="To Top">
<span class="glyphicon glyphicon-chevron-up" style="color: white;"></span>
</a>
<p style="color:red;">Developed by Achmad Mustafa Kemal</p>
<p style="color: red;">Copyright Achmad Mustafa Kemal<span> &#169;</span> 2019
</footer>
</div>

<!-- Javascript for Google Map Api -->

<script>

function myMap() {
    var myCenter = new google.maps.LatLng(1.301444,103.850481);
    var mapCanvas = document.getElementById("map");
    var mapOptions = {center: myCenter, zoom: 20};
    var map = new google.maps.Map(mapCanvas, mapOptions);
    var marker = new google.maps.Marker({position:myCenter});
    marker.setMap(map);

    // Zoom to 9 when clicking on marker
    google.maps.event.addListener(marker,'click',function() {
        map.setZoom(20);
        map.setCenter(marker.getPosition());
    });
}

</script>
```

```
<script  
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyAYoRDJEagYXE_czI3lWMdLPPXEkwnoOx  
o&callback=myMap"></script>  
</body>  
</html>
```

Profile.html (Improved with Javascript)

```
<!DOCTYPE html>  
<html lang="en">  
  <head>  
    <title>SIT774 Project</title>  
    <meta charset="utf-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <link rel="stylesheet"  
    href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">  
    <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"  
    type="text/css">  
    <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet"  
    type="text/css">  
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>  
    <script  
    src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>  
    <script src='https://www.google.com/recaptcha/api.js' async defer></script>  
    <style>  
      .jumbotron{  
        /* background: url("sneaker.jpg") no-repeat center center;  
        /* background-size: cover;  
        min-height: 800px; */  
        background-color: black;  
        font-family: Trebuchet MS, sans-serif;  
        padding: 100px 25px;  
      }
```

```
}

.logo
{
    display: flex;
    justify-content: center;
    /* align-items: center; */
    position: relative;
}

.head
{
    font-family: Trebuchet MS, sans-serif;
    font-size: 40px !important;
}

.bp
{
    font-size: 20px !important;
}

.body{
    font: 400 15px Lato, sans-serif;
}

.navbar
{
    margin-bottom: 0;
    border-radius: 0;
    background-color:black;
    font-size: 23px !important;
    font-family: Trebuchet MS, sans-serif;
}
```

```
    font-size: 18px !important;
    line-height: 1.42857143 !important;
    letter-spacing: 4px;
}

.affix {
    top: 0;
    width: 100%;
    z-index: 9999 !important;
}

.affix + .container-fluid {
    padding-top: 70px;
}

.thumbnail {
    padding: 0 0 30px 0;
    border: none;
    border-radius: 0;
    background-color: black;
}

.thumbnail1 {
    padding: 0 0 40px 0;
    border: none;
    border-radius: 0;
    background-color:red;
}

.thumbnail2 {
    padding: 0 0 60px 0;
    border: none;
    border-radius: 0;
```

```
background-color:red;  
}  
.navbar li a, .navbar .navbar-brand {  
color:white !important;  
}  
.navbar-nav li a:hover, .navbar-nav li.active a {  
color: black !important;  
background-color:red !important;  
}  
.well  
{  
height: 400px;  
width: 80%;  
background-color:black;  
}  
  
.center_form  
{  
margin: 0 auto;  
width:40% /* value of your choice which suits your alignment */  
}  
.content {  
padding: 16px;  
}  
.sticky {  
position: fixed;  
top: 0;  
width: 100%;  
}
```

```
.sticky + .content {  
    padding-top: 60px;  
}  
.bg-color {  
    background-color: red;  
}  
.bg-color1{  
    background-color: black;  
}  
@keyframes slide {  
    0%  
    {  
        opacity: 0;  
        transform: translateY(70%);  
    }  
    100% {  
        opacity: 1;  
        transform: translateY(0%);  
    }  
}  
.thumbnail img {  
    width: 100%;  
    height: 100%;  
    margin-bottom: 10px;  
}  
.btn-primary-outline {  
    background-color: transparent;  
    border-color: #ccc;  
}
```

```
.button1
{
    font-size: 13px;
    color: white;
}

.button3
{
    background-color: white;
    font-size: 20px;
    color:black;
}

.button3:hover {
    background-color: red;
    color: white;
}

}

.bsize
{
    padding: 7px 30px;
}


```

</style>

```
<script>

$(document).ready(function(){

    // Add smooth scrolling to all links in navbar + footer link
    $(".navbar a, footer a[href='#myPage']").on('click', function(event) {

        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {

            // Prevent default anchor click behavior
```

```
        event.preventDefault();

        // Store hash
        var hash = this.hash;

        // Using jQuery's animate() method to add smooth page scroll
        // The optional number (900) specifies the number of milliseconds it takes to
        scroll to the specified area
        $('#html, body').animate({
            scrollTop: $(hash).offset().top
        }, 900, function(){
            // Add hash (#) to URL when done scrolling (default click behavior)
            window.location.hash = hash;
        });
    } // End if
});

//Google Captcha
var captchaContainer = null;
var loadCaptcha = function() {
    captchaContainer = grecaptcha.render('captcha_container', {
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcwv',
        'callback' : function(response) {
            alert(response);
        }
    });
};

</script>
```

```
<!-- Validation for edit profile form -->

<script>

    function validation()
    {

var mailformat = /^[\w+([\.-]?\w+)*[@gmail.com]*(\.\w{2,3})+\$/;
var emailvalue = document.getElementById("email1").value;

var phoneno = /^[+]*[(][0,1][0-9]{1,4}[)][0,1][-]\s[./0-9]*$/g;
var phone_val = document.getElementById("phone").value;

if (document.getElementById("username").value.length == 0) {
    document.getElementById("message8").innerHTML = "<em> You did not edit or
type a username</em>";
    return false;
}

if (document.getElementById("password").value.length < 1) {
    document.getElementById("message9").innerHTML = "<em> You should input more
than 1 character</em>";
    return false;
}

if (document.getElementById("fname").value.length == 0) {
    document.getElementById("message10").innerHTML = "<em> You did not enter
firstname</em>";
    return false;
}

if (document.getElementById("lname").value.length == 0) {
    document.getElementById("message11").innerHTML = "<em> You did not enter
lastname</em>";
    return false;
}
}
```

```
if(!emailvalue.match(mailformat)){
    document.getElementById("message12").innerHTML = "<em> please enter email
contain @gmail.com only</em>";
    return false;
}
if(!phone_val.match(phoneneno)){
    document.getElementById("message13").innerHTML = "<em> Please enter correct
number</em>";
    return false;
}
if (document.getElementById("gender").value.length == 0) {
    document.getElementById("message14").innerHTML = "<em> Please choose one
gender</em>";
    return false;
}
return true;
}
</script>
```

```
</head>
<body id="base">
<!-- Top of website -->
<div class="jumbotron text-center img-responsive" style="margin-bottom: 0">
    <div class="logo">
        
    </div>
    <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>
</div>
<!-- Navbar -->
```

```
<nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-top="60">

    <div class="container-fluid">

        <div class="navbar-header">

            <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">

                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>

        </div>

        <div class="collapse navbar-collapse" id="myNavbar">

            <ul class="nav navbar-nav">

                <li><a href="profile.html"><b>Profile</b></a></li>
                <li><a href="order.html"><b>Booking</b></a></li>
                <li><a href="view_booking.html"><b>View Booking</b></a></li>
                <!-- <li><a href="index.html"><b>Feedback</b></a></li>
                <li><a href="Index.html"><b>News</b></a></li>
                <li><a href="index.html"><b>Contact</b></a></li> -->
                <!-- <li><a href="index.html"><span class="glyphicon glyphicon-user"></span><b>Register</b></a></li> -->
            </ul>

            <ul class="nav navbar-nav navbar-right">

                <li><a href="index.html"><span class="glyphicon glyphicon-log-out"></span><b>Log out</b></a></li>
            </ul>
        </div>
    </div>

</nav>

<br>
<br>
```

```
<br>
<br>
<br>

<!-- order Section -->
<div class="container-fluid" align="center">

    <div class="logo">
        
    </div>
    <h2>Welcome to Court Member Profile</h2>
    <h2>Court Member Profile Form (Edit Profile Only)</h2>

    <form action="#" onsubmit="return validation()">
        <div class="form-group">
            <label for="username"></label>
            <input style="width:50%" type="text" id="username" class="form-control" placeholder="Enter Username" maxlength="10" >
            <span id="message8" style="color: red;"></span>
        </div>
        <div class="form-group">
            <label for="password"></label>
            <input style="width:50%" type="password" id="password" class="form-control" placeholder="Enter Password" maxlength="15" >
            <span id="message9" style="color: red;"></span>
        </div>
        <div class="form-group">
            <label for="firstname"></label>
            <input style="width:50%" type="text" id="fname" class="form-control" placeholder="Enter Firstname" >
            <span id="message10" style="color: red;"></span>
        </div>
    </form>
</div>
```

```
<div class="form-group">
    <label for="lastname"></label>
    <input style="width:50%" type="text" id="lname" class="form-control" placeholder="Enter Lastname" >
    <span id="message11" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="email"></label>
    <input class="form-control" id="email1" placeholder="Enter Email" type="text" style="width: 50%">
    <span id="message12" style="color: red;"></span>
</div>

<div class="form-group" >
    <label for="contact"></label>
    <input style="width:50%" type="text" class="form-control" id="phone" oninput="this.value=this.value.replace(/[^0-9]/g,'');" placeholder="Enter Phone" name="phone">
    <span id="message13" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="gender"></label><select class="form-control" id="gender" style="width:50%">
        <option disabled selected value>Choose an option</option>
        <option value="Male">Male </option>
        <option value="Female">Female </option>
    </select>
    <span id="message14" style="color: red;"></span>
</div>

<div class="col-sm-12" align="center">
    <button type="submit" class="btn btn-default button3" >Submit</button>
```


Order.html (Improved with Javascript)

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>SIT774 Project</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
    href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
    <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"
    type="text/css">
    <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet"
    type="text/css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script
    src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
    <script src='https://www.google.com/recaptcha/api.js' async defer></script>
  <style>
    .jumbotron{
      /* background: url("sneaker.jpg") no-repeat center center;
      /* background-size: cover;
      min-height: 800px; */
      background-color:black;
      font-family: Trebuchet MS, sans-serif;
      padding: 100px 25px;
    }
    .logo
    {
      display: flex;
      justify-content: center;
```

```
/* align-items: center; */
position: relative;
}

.head
{
    font-family: Trebuchet MS, sans-serif;
    font-size: 40px !important;

}

.bp
{
    font-size: 20px !important;
}

.body{
    font: 400 15px Lato, sans-serif;
}

.navbar
{
    margin-bottom: 0;
    border-radius: 0;
    background-color:black;
    font-size: 23px !important;
    font-family: Trebuchet MS, sans-serif;
    font-size: 18px !important;
    line-height: 1.42857143 !important;
    letter-spacing: 4px;
}

.affix {
```

```
top: 0;  
width: 100%;  
z-index: 9999 !important;  
}  
  
.affix + .container-fluid {  
padding-top: 70px;  
}  
.thumbnail {  
padding: 0 0 30px 0;  
border: none;  
border-radius: 0;  
background-color: black;  
}  
.thumbnail1 {  
padding: 0 0 40px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.thumbnail2 {  
padding: 0 0 60px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.navbar li a, .navbar .navbar-brand {  
color:white !important;  
}
```

```
.navbar-nav li a:hover, .navbar-nav li.active a {  
    color: black !important;  
    background-color:red !important;  
}  
.well  
{  
    height: 400px;  
    width: 80%;  
    background-color:black;  
}  
  
.center_form  
{  
    margin: 0 auto;  
    width:40% /* value of your choice which suits your alignment */  
}  
.content {  
    padding: 16px;  
}  
.sticky {  
    position: fixed;  
    top: 0;  
    width: 100%;  
}  
.sticky + .content {  
    padding-top: 60px;  
}  
.bg-color {  
    background-color: red;
```

```
        }

.bg-color1{
    background-color: black;
}

@keyframes slide {
    0%
    {
        opacity: 0;
        transform: translateY(70%);
    }
    100% {
        opacity: 1;
        transform: translateY(0%);
    }
}

.thumbnail img {
    width: 100%;
    height: 100%;
    margin-bottom: 10px;
}

.btn-primary-outline {
    background-color: transparent;
    border-color: #ccc;
}

.button1
{
    font-size: 13px;
    color: white;
}
```

```
.button3
{
    background-color: white;
    font-size: 20px;
    color:black;
}

.button3:hover {
    background-color: red;
    color: white;
}

}
.bsize
{
    padding: 7px 30px;
}

</style>
<script>

$(document).ready(function(){

    // Add smooth scrolling to all links in navbar + footer link
    $(".navbar a, footer a[href='#myPage']").on('click', function(event) {

        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {

            // Prevent default anchor click behavior
            event.preventDefault();

            // Store hash
            var hash = this.hash;

            // Using jQuery's animate() method to add smooth page scroll
            // the value of the hash (#page1, #page2, etc)
            // must be matched with the class in .nav aHover
            $('html, body').animate({
                scrollTop: $(hash).offset().top
            }, 1000, function(){
                window.location.hash = hash;
            });
        }
    })
})
```

```
// The optional number (900) specifies the number of milliseconds it takes to
scroll to the specified area

$('html, body').animate({
    scrollTop: $(hash).offset().top
}, 900, function(){

    // Add hash (#) to URL when done scrolling (default click behavior)
    window.location.hash = hash;

});

} // End if
});

}

//Google Captcha
var captchaContainer = null;
var loadCaptcha = function() {
    captchaContainer = grecaptcha.render('captcha_container', {
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcvv',
        'callback' : function(response) {
            alert(response);
        }
    });
};

</script>
<script>
    function validation()
    {
        var mailformat = /^[^\w+([.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
        var emailvalue = document.getElementById("email1").value;
```

```
var phoneno = /^[+]*[(][0,1][0-9]{1,4}[)][0,1][-s\./0-9]*$/g;
var phone_val = document.getElementById("phone").value;

var creditno = /^[+]*[(][0,1][0-9]{1,4}[)][0,1][-s\./0-9]*$/g;
var credit_val = document.getElementById("credit").value;

var response = grecaptcha.getResponse();

if (document.getElementById("username").value.length == 0) {
    document.getElementById("message8").innerHTML = "<em> You did not create a
username</em>";
    return false;
}

if (document.getElementById("fname").value.length == 0) {
    document.getElementById("message10").innerHTML = "<em> You did not enter
firstname</em>";
    return false;
}

if (document.getElementById("lname").value.length == 0) {
    document.getElementById("message11").innerHTML = "<em> You did not enter
lastname</em>";
    return false;
}

if(!emailvalue.match(mailformat)){
    document.getElementById("message12").innerHTML = "<em> please enter email
contain @gmail.com only</em>";
    return false;
}

if(!phone_val.match(phoneno)){
    document.getElementById("message13").innerHTML = "<em> Please enter correct
number</em>";
}
```

```
        return false;
    }

    if(!credit_val.match(creditno)){
        document.getElementById("message14").innerHTML = "<em> Please enter correct
number</em>";
        return false;
    }

    if (document.getElementById("gender").value.length == 0) {
        document.getElementById("message15").innerHTML = "<em> Please choose one
gender</em>";
        return false;
    }

    if (document.getElementById("court").value.length == 0) {
        document.getElementById("message16").innerHTML = "<em> Please choose one
court</em>";
        return false;
    }

    if (document.getElementById("dob").value.length == 0) {
        document.getElementById("message17").innerHTML = "<em> Please choose one
date</em>";
        return false;
    }

    if (document.getElementById("time").value.length == 0) {
        document.getElementById("message18").innerHTML = "<em> Please choose one
value of time</em>";
        return false;
    }

    if(response.length == 0) {
        document.getElementById("message19").innerHTML = "<em> Please tick
recaptcha</em>";
        return false;
    }
}
```

```
        }

        return true;
    }

```

```
</script>

</head>

<body id="base">

<!-- Top of website -->

<div class="jumbotron text-center img-responsive" style="margin-bottom: 0">

    <div class="logo">

    </div>

    <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>

    </div>

<!-- Navbar -->

<nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-
top="60">

    <div class="container-fluid">

        <div class="navbar-header">

            <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">

                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>

            </button>

        </div>

        <div class="collapse navbar-collapse" id="myNavbar">

            <ul class="nav navbar-nav">

                <li><a href="profile.html"><b>Profile</b></a></li>
                <li><a href="order.html"><b>Booking</b></a></li>

            </ul>

        </div>

    </div>

</nav>
```

```
<li><a href="view_booking.html"><b>View Booking</b></a></li>
<!-- <li><a href="index.html"><b>Feedback</b></a></li>
<li><a href="index.html"><b>News</b></a></li>
<li><a href="index.html"><b>Contact</b></a></li>
<li><a href="Index.html"><span class="glyphicon glyphicon-user"></span><b>Register</b></a></li> -->
</ul>
<ul class="nav navbar-nav navbar-right">
<li><a href="index.html"><span class="glyphicon glyphicon-log-out"></span><b>Log out</b></a></li>
</ul>
</div>
</div>
</nav>
<br>
<!-- order Section -->
<div class="container-fluid" align="center">
<div class="logo">

</div>
<h2>Court Member Order Form (Credit Card Only)</h2>

<form action="#" onsubmit="return validation()">
<div class="form-group">
<label for="username"></label>
```

```
<input style="width:50%" type="text" class="form-control" id="username"
placeholder="Enter Username" maxlength="10">
<span id="message8" style="color: red;"></span>
</div>
<div class="form-group">
<label for="firstname"></label>
<input style="width:50%" type="text" class="form-control" id="fname"
placeholder="Enter Fristname" >
<span id="message10" style="color: red;"></span>
</div>
<div class="form-group">
<label for="lastname"></label>
<input style="width:50%" type="text" class="form-control" id="lname"
placeholder="Enter Lastname" >
<span id="message11" style="color: red;"></span>
</div>
<div class="form-group">
<label for="email"></label>
<input style="width:50%" type="text" class="form-control" id="email1"
placeholder="Enter Email " >
<span id="message12" style="color: red;"></span>
</div>

<div class="form-group" >
<label for="contact"></label><input style="width:50%" type="text"
oninput="this.value=this.value.replace(/[^0-9]/g,'');" class="form-control" id="phone"
placeholder="Enter Contact" maxlength="15">
<span id="message13" style="color: red;"></span>
</div>

<div class="form-group" >
```

```
        <label for="Card Number"></label><input style="width:50%" type="text"
oninput="this.value=this.value.replace(/[^0-9]/g,'');" class="form-control" id="credit"
placeholder="Enter Card Number" maxlength="15">
        <span id="message14" style="color: red;"></span>
    </div>

    <div class="form-group">
        <label for="gender"></label><select class="form-control" id="gender"
style="width:50%">
            <option disabled selected value>Choose an option</option>
            <option value="Male">Male </option>
            <option value="Female">Female </option>
        </select>
        <span id="message15" style="color: red;"></span>
    </div>

    <div class="form-group">
        <label for="court"></label><select class="form-control" id="court"
style="width:50%">
            <option disabled selected value>Choose an option</option>
            <option value="BC1">Splash Court </option>
            <option value="BC2">Airplane Mode Court </option>
            <option value="BC3">King Court </option>
        </select>
        <span id="message16" style="color: red;"></span>
    </div>

    <div class="form-group">
        <input style="width:50%;" type="date" class="form-control" id="dob"
placeholder="Choose">
        <span id="message17" style="color: red;"></span>
    </div>

    <div class="form-group">
```

```
<label for="time"></label><select class="form-control" id="time" style="width:50%">
    <option disabled selected value>Choose an option</option>
    <option value="20.00-21.00">20.00-21.00 </option>
    <option value="21.00-22.00">21.00-22.00 </option>
    <option value="22.00-23.00">22.00-23.00 </option>
    <option value="01.00-02.00">01.00-02.00 </option>
    <option value="02.00-03.00">02.00-03.00 </option>
</select>
<span id="message18" style="color: red;"></span>
</div>

<div class="col-sm-12" align="center">
    <div class="g-recaptcha" data-
sitekey="6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcvw"></div>
</div>
<div class="col-sm-12" align="center">
    <input id="check" type="hidden" value="1" />
    <span id="message19" style="color: red;"></span>
    <br>
    <br>
    <button type="submit" class="btn btn-default button3" >Submit</button>
    <button type="reset" class="btn btn-default button3" > Clear</button>
    <br>
    <br>
</div>
</div>
</div>
</div>
</div>
```

```
</form>  
</div>  
</body>
```

View_booking.html (Improved with Javascript)

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>SIT774 Project</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
    <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"
      type="text/css">
    <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet"
      type="text/css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
    <script src='https://www.google.com/recaptcha/api.js' async defer></script>
    <style>
      .jumbotron{
        /* background: url("sneaker.jpg") no-repeat center center;
        /* background-size: cover;
        min-height: 800px; */
        background-color: black;
        font-family: Trebuchet MS, sans-serif;
        padding: 100px 25px;
      }
      .logo
      {
        display: flex;
        justify-content: center;
```

```
/* align-items: center; */
position: relative;
}

.head
{
    font-family: Trebuchet MS, sans-serif;
    font-size: 40px !important;

}

.bp
{
    font-size: 20px !important;
}

.body{
    font: 400 15px Lato, sans-serif;
}

.navbar
{
    margin-bottom: 0;
    border-radius: 0;
    background-color:black;
    font-size: 23px !important;
    font-family: Trebuchet MS, sans-serif;
    font-size: 18px !important;
    line-height: 1.42857143 !important;
    letter-spacing: 4px;
}

.affix {
```

```
top: 0;  
width: 100%;  
z-index: 9999 !important;  
}  
  
.affix + .container-fluid {  
padding-top: 70px;  
}  
.thumbnail {  
padding: 0 0 30px 0;  
border: none;  
border-radius: 0;  
background-color: black;  
}  
.thumbnail1 {  
padding: 0 0 40px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.thumbnail2 {  
padding: 0 0 60px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.navbar li a, .navbar .navbar-brand {  
color:white !important;  
}
```

```
.navbar-nav li a:hover, .navbar-nav li.active a {  
    color: black !important;  
    background-color:red !important;  
}  
  
.well  
{  
    height: 400px;  
    width: 80%;  
    background-color:black;  
}  
  
  
.center_form  
{  
    margin: 0 auto;  
    width:40% /* value of your choice which suits your alignment */  
}  
  
.content {  
    padding: 16px;  
}  
  
.sticky {  
    position: fixed;  
    top: 0;  
    width: 100%;  
}  
  
.sticky + .content {  
    padding-top: 60px;  
}  
  
.bg-color {  
    background-color: red;
```

```
}

.bg-color1{
background-color: black;
}

@keyframes slide {
    0%
    {
        opacity: 0;
        transform: translateY(70%);
    }
    100% {
        opacity: 1;
        transform: translateY(0%);
    }
}

.thumbnail img {
width: 100%;
height: 100%;
margin-bottom: 10px;
}

.btn-primary-outline {
background-color: transparent;
border-color: #ccc;
}

.button1
{
font-size: 13px;
color: white;
}
```

```
.button3
{
    background-color: white;
    font-size: 15px;
    color:black;
}

.button3:hover {
    background-color: red;
    color: white;
}

}

.bsize
{
    padding: 7px 30px;
}


```



```
</style>
<script>

$(document).ready(function(){

    // Add smooth scrolling to all links in navbar + footer link
    $(".navbar a, footer a[href='#myPage']").on('click', function(event) {

        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {

            // Prevent default anchor click behavior
            event.preventDefault();

            // Store hash
            var hash = this.hash;
```

```
// Using jQuery's animate() method to add smooth page scroll
// The optional number (900) specifies the number of milliseconds it takes to
scroll to the specified area

$('html, body').animate({
    scrollTop: $(hash).offset().top
}, 900, function(){

    // Add hash (#) to URL when done scrolling (default click behavior)
    window.location.hash = hash;
});

} // End if
});

})

//Google Captcha
var captchaContainer = null;
var loadCaptcha = function() {
    captchaContainer = grecaptcha.render('captcha_container', {
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeIHJHTmJNe3bsEnwlcvv',
        'callback' : function(response) {
            alert(response);
        }
    });
};

</script>

<!-- Validation for search form --&gt;
&lt;script&gt;
    function validation1() {</pre>
```

```
        if (document.getElementById("search").value.length == 0) {
            document.getElementById("message4").innerHTML = "<em> You did not enter
value in the search form</em>";
            return false;
        }

        return true;
    }
</script>

</head>
<body id="base">
    <!-- Top of website -->
    <div class="jumbotron text-center img-responsive" style="margin-bottom: 0">
        <div class="logo">
            
        </div>
        <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>
    </div>
    <!-- Navbar -->
    <nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-
top="60">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
```



```
<h2>View Booking for Customer</h2>
<form class="form-inline" onsubmit="return validation1()">
    <input class="form-control mr-sm-2" type="text" id="search"
placeholder="Search for your booking" aria-label="Search">&nbsp;
    <button class="btn btn-primary-outline button3"
type="submit">Search</button>
</form>
<span id="message4" style="color:red"></span>
<br>
<br>
<form>
    <div class="table-responsive">
        <table class="table table-hover table-bordered">
            <thead>
                <tr>
                    <th>Name</th>
                    <th>Username</th>
                    <th>Booking ID</th>
                    <th>Time</th>
                    <th>Court</th>
                    <th>Date</th>
                    <th>Action</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>1111</td>
                    <td>1111</td>
                    <td>1111</td>
                    <td>1111</td>
```

```
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
</tbody>
</table>
</div>
</form>
```

```
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>
</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>
</tr>
</tbody>
</table>
</div>
</form>
```

17 Jumpstart JavaScript

Learn about JavaScript

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

The array is a basic function to show the list in the Javascript

Outcome	Weight
Web Service Design and Implementation	♦◊◊◊◊

The array is a basic function to show the list in the Javascript

Date	Author	Comment
2019/08/20 13:49	Achmad Kemal	Ready to Mark
2019/09/04 20:47	Michael Hobbs	Fix and Resubmit
2019/09/04 20:48	Michael Hobbs	Great work! Could you combine the calculation in the single loop for efficiency?
2019/09/05 09:11	Achmad Kemal	Ready to Mark
2019/09/05 09:34	Michael Hobbs	Great! thanks.
2019/09/05 09:34	Michael Hobbs	Complete

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WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Jumpstart JavaScript

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/05 09:11

Tutor:

Michael HOBBS

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦◊◊◊◊

The array is a basic function to show the list in the Javascript

September 5, 2019



```
1  <!DOCTYPE html>
2  <html>
3
4      <body>
5          <h2>Score List and Avarage Score</h2>
6          <p>Here is the list of score in an array:</p>
7
8          <p id="display"></p>
9          <!-- <p id="display1"></p> -->
10         <script>
11             var scores, outputText, sLength, i;
12             var sum = 0;
13
14             scores = ["65", "70", "85", "90", "50", "62", "76", "88", "64",
15             ↵ "45"];
16
17             sLength = scores.length;
18
18             outputText = "<ul>";
19
20             for (i = 0; i < sLength; i++)
21             {
22                 outputText += "<li>" + scores[i] + "</li>";
23
24                 // This variable sum is convert string to integer with parse
25                 ↵ integer
26                 sum += parseInt(scores[i]);
27             }
28
28             outputText += "</ul>";
29
30             var avarage = sum/scores.length;
31
32             document.getElementById("display").innerHTML = outputText;
33             document.write("The Avarage Score is: " + avarage);
34         </script>
35     </body>
36 </html>
```

Score List and Avarage Score

Here is the list of score in an array:

- 65
- 70
- 85
- 90
- 50
- 62
- 76
- 88
- 64
- 45

The Avarage Score is: 69.5

18 JavaScript loop

Looping with JavaScript

Outcome	Weight
Explain Web Technologies	♦♦♦◊◊

Javascript is very useful for making table

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

Javascript is very useful for making table

Date	Author	Comment
2019/08/20 18:37	Achmad Kemal	Ready to Mark
2019/09/17 22:30	Achmad Kemal	hey michealcan you check my work?
2019/09/18 16:38	Michael Hobbs	Complete
2019/09/18 16:40	Michael Hobbs	OK, good use of nested loops. You may be able to to improve the condition checks in the second loop...by comparing 'i' with 'a'.

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WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

JavaScript loop

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/19 09:34

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦◊◊
Client-side Application Design and Development	♦♦♦♦◊

Javascript is very useful for making table

September 19, 2019



```
1 <!DOCTYPE html>
2 <html>
3   <body>
4     <h2>Javascript 6.2</h2>
5     <script>
6
7       var times = 1;
8       for (a = 9; a > 0; a--) {
9         for (i = 9; i >= a; i--) {
10           document.write(a + ' x ' + i + ' = ' + a * i + ' ');
11         }
12         document.write('<br>');
13         times++;
14       }
15     </script>
16   </body>
17 </br>
18 <!-- 0 =&gt; i > (9 - times) -->
```

Javascript 6.2

$9 \times 9 = 81$

$8 \times 9 = 72$ $8 \times 8 = 64$

$7 \times 9 = 63$ $7 \times 8 = 56$ $7 \times 7 = 49$

$6 \times 9 = 54$ $6 \times 8 = 48$ $6 \times 7 = 42$ $6 \times 6 = 36$

$5 \times 9 = 45$ $5 \times 8 = 40$ $5 \times 7 = 35$ $5 \times 6 = 30$ $5 \times 5 = 25$

$4 \times 9 = 36$ $4 \times 8 = 32$ $4 \times 7 = 28$ $4 \times 6 = 24$ $4 \times 5 = 20$ $4 \times 4 = 16$

$3 \times 9 = 27$ $3 \times 8 = 24$ $3 \times 7 = 21$ $3 \times 6 = 18$ $3 \times 5 = 15$ $3 \times 4 = 12$ $3 \times 3 = 9$

$2 \times 9 = 18$ $2 \times 8 = 16$ $2 \times 7 = 14$ $2 \times 6 = 12$ $2 \times 5 = 10$ $2 \times 4 = 8$ $2 \times 3 = 6$ $2 \times 2 = 4$

$1 \times 9 = 9$ $1 \times 8 = 8$ $1 \times 7 = 7$ $1 \times 6 = 6$ $1 \times 5 = 5$ $1 \times 4 = 4$ $1 \times 3 = 3$ $1 \times 2 = 2$ $1 \times 1 = 1$

19 Condition and function

Learn about conditions and functions in JavaScript.

Outcome	Weight
Explain Web Technologies	◆◆◆◆◇

JavaScript is all about the client-side of website

Outcome	Weight
Client-side Application Design and Development	◆◆◆◆◇

JavaScript is all about the client-side of website

Date	Author	Comment
2019/08/21 02:20	Achmad Kemal	Ready to Mark
2019/09/05 10:53	Achmad Kemal	Ready to Mark
2019/09/05 10:53	Michael Hobbs	Time Exceeded
2019/09/17 22:30	Achmad Kemal	hey micheal
2019/09/17 22:30	Achmad Kemal	can you check my work?
2019/09/19 08:19	Michael Hobbs	Hi Achmad. Yes, this works. The task asked for you to create a function that takes the score and returns the Grade text....
2019/09/19 08:20	Michael Hobbs	How would you go about doing that?
2019/09/19 08:20	Michael Hobbs	Complete

Condition and function

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/05 10:53

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦◊

JavaScript is all about the client-side of website

September 5, 2019



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 </head>
5 <!-- Table CSS -->
6 <style>
7   table {
8     font-family: arial, sans-serif;
9     border-collapse: collapse;
10    width: 100%;
11  }
12  td, th {
13    border: 1px solid #dddddd;
14    text-align: left;
15    padding: 8px;
16  }
17
18 tr:nth-child(even) {
19   background-color: #dddddd;
20 }
21 </style>
22 <body>
23   <h2>JavaScript 6.3</h2>
24   <p>Here is the list of student, score and grade in an array:</p>
25   <table id="table">
26     <tr>
27       <th>Name</th>
28       <th>Score</th>
29       <th>Grade</th>
30     </tr>
31     <tr>
32
33     </tr>
34     <tr>
35
36     </tr>
37   </table>
38 </body>
39 <script>
40 var score = [['Mary', 65],
41   ['Jim', 70],
42   ['Albert', 85],
43   ['Carroll', 90],
44   ['Francis', 50],
45   ['Micheal', 62],
46   ['John', 76],
47   ['Tim', 88],
48   ['Carlos', 64],
49   ['Steven', 45]];
50 table = document.getElementById("table");
51
52 // Using for loop to put variable score and variable grade
53 for (var i = 0; i < score.length; i++) {
```

```
54 // create a new row for grade
55 var newgraderow = table.insertRow(table.length);
56 for (var j = 0; j < score[i].length; j++) {
57     // this variable put grade in the cell
58     var cell = newgraderow.insertCell(j);
59     // add grade value to the cell
60     cell.innerHTML = score[i][j];
61 }
62 // Declare variable for grade
63 var grade;
64 // This variable will add to cell
65 var this_score = score[i][1];
66 // The result should be HD, D, Credit, Pass and Fail with using if statement
67 if (this_score >= 80) {
68     grade = 'High Distinction';
69 } else if (this_score >= 70) {
70     grade = 'Distinction';
71 } else if (this_score >= 60) {
72     grade = 'Credit';
73 } else if (this_score >= 50) {
74     grade = 'Pass';
75 } else {
76     grade = 'Fail';
77 }
78 cell = newgraderow.insertCell(j);
79 cell.innerHTML = grade;
80 }
81 </script>
82 </html>
```

JavaScript 6.3

Here is the list of student,score and grade in an array:

Name	Score	Grade
Mary	65	Credit
Jim	70	Distinction
Albert	85	High Distinction
Carroll	90	High Distinction
Francis	50	Pass
Micheal	62	Credit
John	76	Distinction
Tim	88	High Distinction
Carlos	64	Credit
Steven	45	Fail

20 Create a dynamic web page

Dynamic data input using JavaScript

Outcome	Weight
Explain Web Technologies	◆◆◆◆◇

Javascript is can make array list

Outcome	Weight
Client-side Application Design and Development	◆◆◆◆◆

Javascript is can make array list

Date	Author	Comment
2019/08/24 20:45	Achmad Kemal	Ready to Mark
2019/09/17 22:31	Achmad Kemal	hey michealcan you check my work?
2019/09/19 08:26	Michael Hobbs	Great work!
2019/09/19 08:26	Michael Hobbs	Complete

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WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Create a dynamic web page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/08/24 20:45

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦♦

Javascript is can make array list

August 24, 2019



```
1 <!DOCTYPE html>
2 <html>
3     <head>
4         <!-- This JavaScript 6_4 -->
5     </head>
6     <meta name="viewport" content="width=device-width, initial-scale=1">
7     <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
8     <script language="javascript" type="text/javascript">
9         function listtable()
10    {
11        var score;
12        var scoreArray = [];
13        var scoreOutput;
14        var slenght;
15        var sum = 0;
16
17        do
18        {
19            score = prompt("Please enter score and Enter -1 to stop entering");
20            score = parseInt(score);
21            if (score >=0 )
22            {
23                scoreArray[scoreArray.length] = score;
24            }
25        } while (score != -1);
26
27        scoreOutput = "<ul>";
28
29        //Make list of values
30        for (i = 0; i < scoreArray.length; i++) {
31            scoreOutput += "<li>" + scoreArray[i] + "</li>";
32        }
33
34        scoreOutput += "</ul>";
35
36        //Calculate the value
37        for (i = 0; i < scoreArray.length; i++) {
38            sum += parseInt(scoreArray[i]);
39        }
40
41
42        var average = sum / scoreArray.length;
43
44
45        //Output
46        document.getElementById("display").innerHTML = scoreOutput;
47
48        document.getElementById("display1").innerHTML = '   ' +'The
49           ↳ average is'+ 'nbspnbsp' +average;
50
51
52        // var i;
```

```
53         // for (i = 0; i < scoreArray.length; i++)  
54         // {  
55             //     scoreOutput += "<li>" + scoreArray[i] + "</li>";  
56         // }  
57  
58         // for (i = 0; i < scoreArray.length; i++) {  
59             // console.log(scoreArray[i])  
60             // sum += parseInt(scoreArray[i]);  
61             // scoreOutput += "<li>" + scoreArray[i] + "</li>";  
62         // }  
63  
64         // for (i = 0; i < scoreArray.length; i++) {  
65             // sum += parseInt(scoreArray[i]);  
66         // }  
67  
68         // var average = sum / scoreArray.length;  
69  
70         // document.write("The Avarage Score is: " + average);  
71  
72         // for(i = 0; i < scoreArray.length; i++)  
73             // sum += scoreArray[i];  
74             // var average = sum/scoreArray.length;  
75  
76  
77         // document.getElementById("display").innerHTML = scoreOutput;  
78         // // document.write("The Average Score is: " + average);  
79         // document.getElementById("display1").innerHTML = average;  
80     }  
81  
82     </script>  
83     <body>  
84         <h2>&nbsp;&nbsp;Please enter click the button to enter scores and  
85             → display the score</h2>  
86         &nbsp;&nbsp;<button onclick="listtable()" class="w3-button  
87             → w3-black">Enter the score</button>  
88         <p id="display"></p>  
89         <p id="display1"></p>  
90     </body>  
91 </html>
```

Please enter click the button to enter scores and display the score

Enter the score



Please enter click the button to enter scores and display the score

Enter the score

- 80
- 90
- 70
- 80

The average is 80

21 Object and DOM

Object and DOM

Outcome	Weight
Explain Web Technologies	♦♦♦◊◊

DOM is very useful for javascript

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦♦

DOM is very useful for javascript

Date	Author	Comment
2019/09/03 19:02	Achmad Kemal	Ready to Mark
2019/09/17 22:30	Achmad Kemal	hey michealcan you check my work?
2019/09/19 08:45	Michael Hobbs	Great work!
2019/09/19 08:46	Michael Hobbs	Are you finding the substring correctly?
2019/09/19 08:46	Michael Hobbs	Complete

Object and DOM

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/03 19:02

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦◊◊
Client-side Application Design and Development	♦♦♦♦♦

DOM is very useful for javascript

September 3, 2019



```
1 <!DOCTYPE html>
2 <html>
3     <script>
4         function myFunction1() {
5             var str = "Hello World!";
6             var n = str.length;
7             document.getElementById("q1").innerHTML = n;
8         }
9     </script>
10
11     <script>
12         function myFunction2() {
13             var str = "Hello World";
14             var res = str.toLowerCase();
15             document.getElementById("q2").innerHTML = res;
16         }
17     </script>
18
19     <script>
20         function myFunction3() {
21             var str = "Hello World";
22             var res = str.toUpperCase();
23             document.getElementById("q3").innerHTML = res;
24         }
25     </script>
26
27     <script>
28         function myFunction4() {
29             var str = "Hello World";
30             var res = str.charAt(6)
31             document.getElementById("q4").innerHTML = res;
32         }
33     </script>
34
35     <script>
36         function myFunction5() {
37             var str = "Hello World";
38             var n = str.indexOf("World");
39             document.getElementById("q5").innerHTML = n;
40         }
41     </script>
42
43     <script>
44         function myFunction6() {
45             var str = "Hello World";
46             var res = str.substring (6);
47             document.getElementById("q6").innerHTML = res;
48         }
49     </script>
50     <script>
51         function myFunction7(){
52             var name = prompt("Please Enter Hello World");
53             if(name == "Hello World")
```

```
54
55         {
56             document.getElementById("message1").innerHTML = "<em> You are
57             ↵ type Hello World</em>";
58             return true;
59         } else
60             document.getElementById("message").innerHTML = "<em> You did
61             ↵ not enter hello world </em>";
62             return false;
63         }
64     
```

65

```
66 <p>Click the button to return the number of characters in the string "Hello
67   ↵ World".</p>
68 
```

69

```
70 <button onclick="myFunction1()">Try it</button>
71 
```

72

```
73 <p id="q1"></p>
74 
```

75

```
76 <p>Click the button to convert the string to lowercase letters.</p>
77 
```

78

```
79 <button onclick="myFunction2()">Try it</button>
80 
```

81

```
82 <p id="q2"></p>
83 
```

84

```
85 <p>Click the button to convert the string to uppercase letters.</p>
86 
```

87

```
88 <button onclick="myFunction3()">Try it</button>
89 
```

90

```
91 <p id="q3"></p>
92 
```

93

```
94 <p>Click the button to display the sixth character of the string "Hello World".</p>
95 
```

96

```
97 <button onclick="myFunction4()">Try it</button>
98 
```

99

```
100 <p id="q4"></p>
101 
```

102

```
103 <p>Click the button to locate where in the string a specified value occurs.</p>
104 
```

105

```
106 <button onclick="myFunction5()">Try it</button>
107 
```

108

```
109 <p id="q5"></p>
110 
```

111

```
112 <p>Click the button to extract parts of the string.</p>
113 
```

114

```
115 <button onclick="myFunction6()">Try it</button>
116 
```

117

```
118 <p id="q6"></p>
119 
```

120

```
121 <p>Click the Button for the user to type "Hello World"</p>
122 
```

```
104  
105 <button onclick="myFunction7()">Try it</button>  
106  
107 <span id="message"></span>  
108 <br>  
109 <br>  
110 <span id="message1"></span>  
111 <p id="q7"></p>  
112  
113 </body>  
114 </html>
```

Click the button to return the number of characters in the string "Hello World".

Try it

12

Click the button to convert the string to lowercase letters.

Try it

hello world

Click the button to convert the string to uppercase letters.

Try it

HELLO WORLD

Click the button to display the sixth character of the string "Hello World".

Try it

W

Click the button to locate where in the string a specified value occurs.

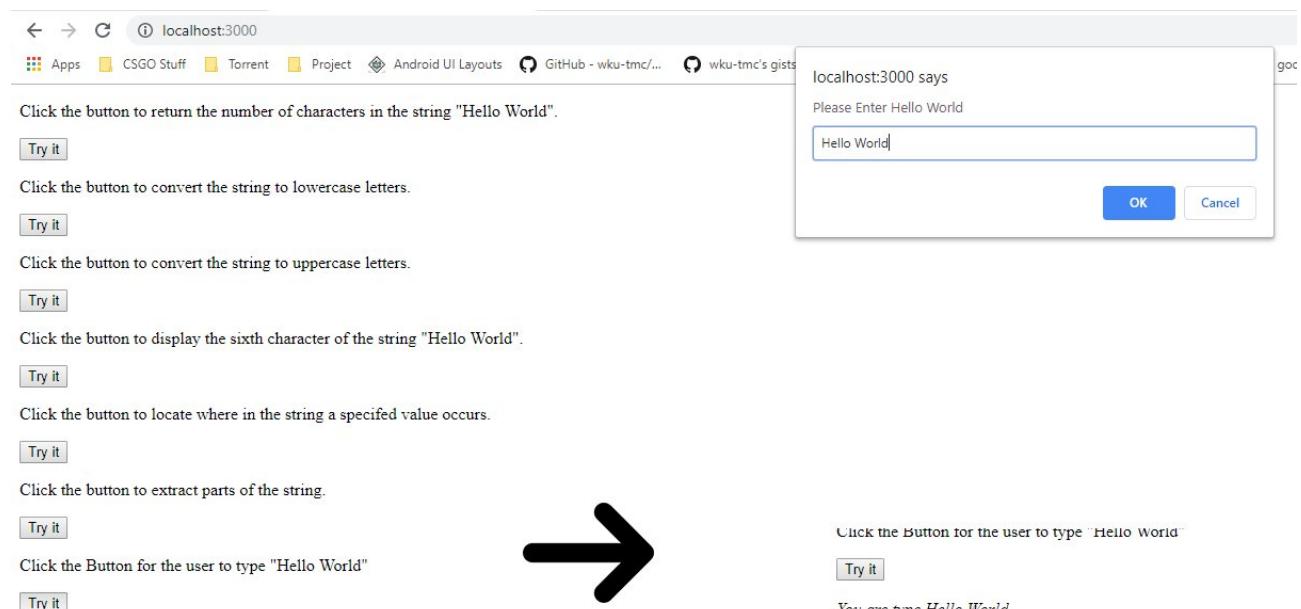
Try it

6

Click the button to extract parts of the string.

Try it

World



Click the Button for the user to type "Hello World"

Try it

You are type Hello World

22 Event handler and dynamic page

Learn about the event handler

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊

This task show us how to use onmouseover and onmouseout

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

This task show us how to use onmouseover and onmouseout

Date	Author	Comment
2019/09/03 20:37	Achmad Kemal	Ready to Mark
2019/09/17 22:30	Achmad Kemal	hey micheal can you check my work?
2019/09/19 09:00	Michael Hobbs	You may want to seperate out the scripts from the body...
2019/09/19 09:00	Michael Hobbs	Complete

Event handler and dynamic page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/03 20:37

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦◊

This task show us how to use onmouseover and onmouseout

September 3, 2019



```
1 <!DOCTYPE html>
2 <html>
3 <body>
4
5
6
7
8 <p> Please click the button to get a time-based greeting:</p>
9
10 <button onclick="myFunction1()"> Click for greeting </button>
11
12 <p id="greeting"></p>
13
14 <h1 id="q34">My name is Achmad Mustafa Kemal. I'm student from deakin
→ university</h1>
15
16 <script>
17 document.getElementById("q34").onmouseover = function() {mouseOver()};
18 document.getElementById("q34").onmouseout = function() {mouseOut()};
19
20 function mouseOver() {
21     document.getElementById("q34").style.color = "red";
22     document.getElementById("q34").style.backgroundColor = "yellow";
23 }
24
25 function mouseOut() {
26     document.getElementById("q34").style.color = "black";
27     document.getElementById("q34").style.backgroundColor = "white";
28 }
29 </script>
30
31 <script>
32     function myFunction1() {
33         var greeting = prompt("Please enter your name") ;
34         var time = new Date().getHours();
35         if (time < 12) {
36             greeting = '<h1>'+"Good morning" + '&nbsp'+greeting+ '</h1>';
37         } else if (time < 18) {
38             greeting = '<h1>'+"Good Afternoon" + '&nbsp'+greeting+ '</h1>';
39         } else {
40             greeting = '<h1>'+"Good evening" + '&nbsp'+ greeting+ '</h1>';
41         }
42         document.getElementById("greeting").innerHTML = greeting;
43     }
44 </script>
45
46 </body>
47 </html>
```



Please click the button to get a time-based greeting:

Good evening Kobe Bryant

Please click the button to get a time-based greeting:

Good evening Kobe Bryant

My name is Achmad Mustafa Kemal. I'm student from deakin university

Please click the button to get a time-based greeting:

Good evening Kobe Bryant

My name is Achmad Mustafa Kemal. I'm student from deakin university

23 Form validation

Form validation with JavaScript

Outcome	Weight
Explain Web Technologies	◆◆◆◆◇

Regex is very useful in the javascript validation

Outcome	Weight
Client-side Application Design and Development	◆◆◆◆◇

Regex is very useful in the javascript validation

Date	Author	Comment
2019/09/04 03:03	Achmad Kemal	Ready to Mark
2019/09/17 22:31	Achmad Kemal	hey micheal can you check my work?
2019/09/20 12:42	Michael Hobbs	Hi Achmad, Thanks for this. Good work with the regular expressions. With the last case, you could use the string *search* method... and a regular expression looking for non-numbers... This method returns the first instance of a non number, which you could then print out :)
2019/09/20 12:42	Michael Hobbs	For example: ' var pattern = /[^\d]/; var n = str.search(pattern); document.getElementById("demo").innerHTML = str[n];...'
2019/09/20 12:42	Michael Hobbs	Fix and Resubmit
2019/09/21 14:40	Achmad Kemal	Ready to Mark
2019/09/21 14:40	Michael Hobbs	Time Exceeded
2019/09/21 14:40	Achmad Kemal	Hey micheal
2019/09/21 14:40	Achmad Kemal	i already resubmit again
2019/09/21 14:40	Achmad Kemal	can you check again?
2019/09/21 14:41	Achmad Kemal	Please check my work
2019/09/25 20:40	Michael Hobbs	Ready to Mark
2019/09/25 20:43	Michael Hobbs	Hmm... Not sure if your phone number check will work for different error numbers... If you put in '123X678'....
2019/09/25 20:43	Michael Hobbs	I don't think it would display 'X'
2019/09/25 20:43	Michael Hobbs	Demonstrate
2019/09/26 10:10	Achmad Kemal	We already discuss about it
2019/09/26 10:11	Achmad Kemal	And you said to me that okay with my code
2019/09/26 13:24	Michael Hobbs	Yep - all good. Thanks
2019/09/26 13:24	Michael Hobbs	Complete

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Form validation

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/21 14:40

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦◊

Regex is very useful in the javascript validation

September 21, 2019



```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <title>Form Validation</title>
5      <meta charset="utf-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1">
7      <link rel="stylesheet"
8          ↳ href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
9      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></_
10     ↳ script>
11     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js">
12         ↳ ></script>
13  </head>
14  <style>
15      h2{background-color: aqua;
16          text-align: center; }
17      .label1{background-color: #8989e7; width:8%}
18  </style>
19  <!-- Javascript Validation -->
20  <!-- Validation for name -->
21  <script>
22      function validation() {
23
24          var mailformat = /^[^\w+([\.-]?\w+)*[@deakin.edu.au]*(\.\w{2,3})+$/;
25          var email_val = document.getElementById("email").value;
26
27          var phoneno = /^[+]*[(){}0,1][0-9]{1,4}[)]{0,1}[-\s./0-9]*$/g;
28          var str = document.getElementById("phone").value;
29          var n = str.search(str);
30
31          if (document.getElementById("name").value.length == 0) {
32              document.getElementById("message").innerHTML = "<em> You did not enter your
33                  ↳ name </em>";
34              return false;
35          }
36
37          if (!email_val.match(mailformat)){
38              document.getElementById("message1").innerHTML = "<em> please enter email
39                  ↳ contain deakin.edu.au</em>";
40              return false;
41          }
42
43          if (document.getElementById("postcode").value.length < 4) {
44              document.getElementById("message2").innerHTML = "<em> Minimum is 4 Characters
45                  ↳ for Postcode </em>";
46              return false;
47          }
48
49          if(!str.match(phoneno)){
50              document.getElementById("message3").innerHTML = "<em> Your phone number
51                  ↳ contain the character " + 'nbsp;' + "!" + str[n] + "!";
52              return false;
53          }
54
55          return true;
56      }
57  </script>
```

```
47
48 <body>
49 <div class="container">
50 <h2>Online Form Validation</h2>
51     <!-- Form Validation -->
52 <form class="form-horizontal container" method="POST" action="#" onsubmit="return
53     validation()">
54     <!-- Name Validation input -->
55     <div class="form-group">
56         <label class="control-label col-md-2 label1" style="text-align: left;">
57             <!-- for="name" -->Name:</label>
58         <div class="col-md-5">
59             <input type="text" class="form-control" id="name" placeholder="Enter Name"
60                 <!-- name="name" -->
61             <span id="message"></span>
62         </div>
63     </div>
64     <!-- Email Validation input -->
65     <div class="form-group">
66         <label class="control-label col-sm-2 label1" style="text-align: left;">
67             <!-- for="email" -->Email:</label>
68         <div class="col-sm-5">
69             <input type="text" class="form-control" id="email" placeholder="Enter
70                 Email" name="email">
71             <span id="message1"></span>
72         </div>
73     </div>
74     <!-- Postcode Validation Input -->
75     <div class="form-group">
76         <label class="control-label col-sm-2 label1" style="text-align: left;">
77             <!-- for="postcode" -->Postcode:</label>
78         <div class="col-sm-5">
79             <input type="text"
80                 <!-- oninput="this.value=this.value.replace(/[^0-9]/g,'');"
81                 <!-- class="form-control" id="postcode" placeholder="Enter Postcode"
82                 <!-- name="postcode" -->
83             <span id="message2"></span>
84         </div>
85     </div>
86     <!-- Phone Validation Input -->
87     <div class="form-group">
88         <label class="control-label col-sm-2 label1" style="text-align: left;">
89             <!-- for="phone" -->Phone:</label>
90         <div class="col-sm-5">
91             <input type="text" class="form-control" id="phone" placeholder="Enter
92                 Phone" name="phone">
93             <span id="message3"></span>
94         </div>
95     </div>
96     <div class="form-group">
97         <button type="submit" class="btn btn-default">Submit the
98             <!-- query-->&ampnbsp&ampnbsp&ampnbsp<button type="reset" class="btn btn-default
99                 <!-- button3" --> Reset</button>
```

```
87      </div>
88  </form>
89 </div>
90 </body>
91 </html>
```

Online Form Validation

Name:	<input type="text" value="Enter Name"/> <i>You did not enter your name</i>
Email:	<input type="text" value="Enter Email"/>
Postcode:	<input type="text" value="Enter Postcode"/>
Phone:	<input type="text" value="Enter Phone"/>

Online Form Validation

Name:	Kobe Bryant
Email:	mambamentality <i>please enter email contain deakin.edu.au</i>
Postcode:	Enter Postcode
Phone:	Enter Phone

Online Form Validation

Name:	Kobe Bryant
Email:	mambamentality@deakin.edu.au
Postcode:	123 <small>Minimum is 4 Characters for Postcode</small>
Phone:	Enter Phone

The screenshot shows a web browser window with the URL `localhost:3000` in the address bar. The title of the page is "Online Form Validation". The form contains four fields: "Name" (Kobe Bryant), "Email" (mambamentality@deakin.edu.au), "Postcode" (1234), and "Phone" (A1234). Below the "Phone" field, there is an error message: "Your phone number contain the character 'A'". At the bottom of the form are two buttons: "Submit the query" and "Reset".

24 Improve your website

JavaScript functionality on the client-side

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊

Improve the website is useful to upgrade our website specification

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

Improve the website is useful to upgrade our website specification

Outcome	Weight
Achieved Outcome Justification	♦♦♦♦◊

Improve the website is useful to upgrade our website specification

Date	Author	Comment
2019/09/07 00:56	Achmad Kemal	Ready to Mark
2019/09/17 22:31	Achmad Kemal	hey micheal can you check my work?
2019/09/20 13:11	Michael Hobbs	Hi Achmad..... Are you able to resubmit your source code for this? The PDF viewer is showing me random symbols :(
2019/09/20 13:11	Michael Hobbs	Fix and Resubmit
2019/09/20 17:28	Achmad Kemal	but i already send you my code to you via email
2019/09/21 15:23	Achmad Kemal	Ready to Mark
2019/09/21 15:23	Michael Hobbs	Time Exceeded
2019/09/21 15:23	Achmad Kemal	Please check my work
2019/09/25 20:48	Michael Hobbs	Ready to Mark
2019/09/25 20:49	Michael Hobbs	Hi Achmad... sorry. I don't see your 7.4D code?
2019/09/25 20:49	Michael Hobbs	Did you email this as well?
2019/09/25 20:49	Michael Hobbs	Fix and Resubmit
2019/09/25 23:07	Achmad Kemal	i'm gonna resubmit again
2019/09/25 23:08	Achmad Kemal	let see if my file can read properly
2019/09/25 23:52	Achmad Kemal	Ready to Mark
2019/09/25 23:52	Michael Hobbs	Time Exceeded
2019/09/25 23:53	Achmad Kemal	Hey Micheal
2019/09/25 23:53	Achmad Kemal	can you check my work?
2019/09/26 10:02	Achmad Kemal	Ready to Mark
2019/09/26 10:02	Michael Hobbs	Time Exceeded
2019/09/26 11:28	Achmad Kemal	Hey micheal
2019/09/26 11:29	Achmad Kemal	maybe you can download my submitted files?
2019/09/26 15:30	Michael Hobbs	Hi Achmad, thanks for this. Yes, I can view these fine now!
2019/09/26 15:30	Michael Hobbs	Great work!!
2019/09/26 15:30	Michael Hobbs	Complete

Improve your website

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/10/05 16:47

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦◊
Achieved Outcome Justification	♦♦♦♦◊

Improve the website is useful to upgrade our website specification

October 5, 2019



SIT774

Achmad Mustafa Kemal

ID: 219374683

Index.html (Improved with Javascript)

```
<!DOCTYPE html>
<html lang="en">
  <!DOCTYPE html>
  <div lang="en">
    <head>
      <title>SIT774 Project</title>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <link rel="stylesheet"
        href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
      <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"
        type="text/css">
      <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet" type="text/css">
      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
      <script
        src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
      <script src='https://www.google.com/recaptcha/api.js' async defer></script>
      <style>
.jumbotron{
  /* background: url("sneaker.jpg") no-repeat center center;
  /* background-size: cover;
  min-height: 800px; */
  background-color: black;
  font-family: Trebuchet MS, sans-serif;
  padding: 100px 25px;
}
.logo
```

```
{  
    display: flex;  
    justify-content: center;  
    /* align-items: center; */  
    position: relative;  
}  
.head  
{  
    font-family: Trebuchet MS, sans-serif;  
    font-size: 40px !important;  
}  
.bp  
{  
    font-size: 20px !important;  
}  
  
.body{  
    font: 400 15px Lato, sans-serif;  
}  
.navbar  
{  
    margin-bottom: 0;  
    border-radius: 0;  
    background-color:black;  
    font-size: 23px !important;  
    font-family: Trebuchet MS, sans-serif;  
    font-size: 18px !important;  
    line-height: 1.42857143 !important;  
    letter-spacing: 4px;  
}
```

```
.affix {  
    top: 0;  
    width: 100%;  
    z-index: 9999 !important;  
}  
  
.affix + .container-fluid {  
    padding-top: 70px;  
}  
  
.thumbnail {  
    padding: 0 0 30px 0;  
    border: none;  
    border-radius: 0;  
    background-color: black;  
}  
  
.thumbnail1 {  
    padding: 0 0 40px 0;  
    border: none;  
    border-radius: 0;  
    background-color:red;  
}  
  
.thumbnail2 {  
    padding: 0 0 60px 0;  
    border: none;  
    border-radius: 0;  
    background-color:red;  
}  
  
.navbar li a, .navbar .navbar-brand {  
    color:white !important;  
}  
  
.navbar-nav li a:hover, .navbar-nav li.active a {
```

```
color: black !important;
background-color:red !important;
}

.well
{
height: 400px;
width: 80%;
background-color:black;
}

.center_form
{
margin: 0 auto;
width:40% /* value of your choice which suits your alignment */
}

.content {
padding: 16px;
}

.sticky {
position: fixed;
top: 0;
width: 100%;
}

.sticky + .content {
padding-top: 60px;
}

.bg-color {
background-color: red;
}

.bg-color1{
background-color: white;
```

```
}

.bg-color2{
background-color: black;
}

@keyframes slide {
0%
{
    opacity: 0;
    transform: translateY(70%);
}
100% {
    opacity: 1;
    transform: translateY(0%);
}
}

.thumbnail img {
width: 100%;
height: 100%;
margin-bottom: 10px;
}

.btn-primary-outline {
background-color: transparent;
border-color: #ccc;
}

.button1
{
font-size: 13px;
color: white;
}

.button3
```

```
        {
            background-color: white;
            font-size: 20px;
            color: black;
        }
        .button3:hover {
            background-color: red;
            color: white;
        }

    }
    .bsize
    (
        padding: 7px 30px;
    }


```



```
</style>
<script>
$(document).ready(function(){
    // Add smooth scrolling to all links in navbar + footer link
    $("a[href='#myPage']").on('click', function(event) {
        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {
            // Prevent default anchor click behavior
            event.preventDefault();

            // Store hash
            var hash = this.hash;

            // Using jQuery's animate() method to add smooth page scroll
            // the value of the hash is used to scroll to the contact information
            // we stored in link above
            $('html, body').animate({
                scrollTop: $(hash).offset().top
            }, 700, function(){
                // Add hash (#myPage) to URL when done scrolling (optional)
                window.location.hash = hash;
            });
        }
    })
})
```

```
// The optional number (900) specifies the number of milliseconds it takes to scroll to  
the specified area  
  
$( 'html, body' ).animate( [  
    scrollTop: $( hash ).offset().top  
, 900, function(){  
  
    // Add hash (#) to URL when done scrolling (default click behavior)  
    window.location.hash = hash;  
}  
);  
} // End if  
});  
});  
  
//Google Captcha  
  
var captchaContainer = null;  
  
var loadCaptcha = function() {  
    captchaContainer = grecaptcha.render('captcha_container', {  
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcvw',  
        'callback' : function(response) {  
            alert(response);  
        }  
    });  
};  
  
</script>  
<!-- Validation for search form -->  
  
<script>  
    function validation1() {  
        if (document.getElementById("search").value.length == 0) {  
            document.getElementById("message4").innerHTML = "<em> You did not enter value in the  
search form</em>";  
            return false;  
        }  
    }  
    
```

```
        return true;
    }
}

</script>

<!-- Validation for feedback form -->

<script>

    function validation2()
    {

        var mailformat = /^w+([.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
        var emailvalue = document.getElementById("email").value;
        if (document.getElementById("name").value.length == 0) {
            document.getElementById("message5").innerHTML = "<em> You did not enter name</em>";
            return false;
        }
        if(!emailvalue.match(mailformat)){
            document.getElementById("message6").innerHTML = "<em> please enter email contain @gmail.com only</em>";
            return false;
        }
        if (document.getElementById("comments").value.length < 5) {
            document.getElementById("message7").innerHTML = "<em> Mininum 5 characters</em>";
            return false;
        }
        return true;
    }

</script>

<!-- Validation for register form -->

<script>

    function validation3()
    {
```

```
var mailformat = /^[\w+([.-]?\w+)*[@gmail.com]*(\.\w{2,3})+\$/;
var emailvalue = document.getElementById("email1").value;

var phoneno = /^[+]*[(]{0,1)[0-9]{1,4}[)]{0,1}[-\s]{0-9}*$/g;
var phone_val = document.getElementById("phone").value;

var response = grecaptcha.getResponse();

if (document.getElementById("username").value.length == 0) {
    document.getElementById("message8").innerHTML = "<em> You did not create a
username</em>";
    return false;
}

if (document.getElementById("password").value.length < 1) {
    document.getElementById("message9").innerHTML = "<em> You should input more than 1
character</em>";
    return false;
}

if (document.getElementById("fname").value.length == 0) {
    document.getElementById("message10").innerHTML = "<em> You did not enter
firstname</em>";
    return false;
}

if (document.getElementById("lname").value.length == 0) {
    document.getElementById("message11").innerHTML = "<em> You did not enter
lastname</em>";
    return false;
}

if(!emailvalue.match(mailformat)){
    document.getElementById("message12").innerHTML = "<em> please enter email contain
@gmail.com only</em>";
    return false;
}
```

```
if(!phone_val.match(phoneeno)){
    document.getElementById("message13").innerHTML = "<em> Please enter correct
number</em>";
    return false;
}
if (document.getElementById("gender").value.length == 0) {
    document.getElementById("message14").innerHTML = "<em> Please choose one
gender</em>";
    return false;
}
if(response.length == 0) {
    document.getElementById("message15").innerHTML = "<em> Please tick recaptcha</em>";
    return false;
}
return true;
}
</script>

<!-- Validation for login form -->
<script>
    function validation4()
    {
        if (document.getElementById("username").value.length == 0) {
            document.getElementById("message16").innerHTML = "<em> You did not enter
username</em>";
            return false;
        }
        if (document.getElementById("ipassword").value.length == 0) {
            document.getElementById("message17").innerHTML = "<em> You did not enter
password</em>";
            return false;
        }
    }
</script>
```

```
        }

    </script>

</head>
<body>
<div id="base">
    <!-- Top of website -->
    <div class="jumbotron text-center img-responsive" style="margin-bottom: 0">
        <div class="logo">
            
        </div>
        <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>
    </div>
    <!-- Navbar -->
    <nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-
top="60">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
            </div>
            <div class="collapse navbar-collapse" id="myNavbar">
                <ul class="nav navbar-nav">
                    <li><a href="#home"><b>Home</b></a></li>
                    <li><a href="#services"><b>Services</b></a></li>
                    <li><a href="#feedback"><b>Feedback</b></a></li>
                    <li><a href="#news"><b>News</b></a></li>
```



```
</div>
</div>
<br>
<!-- Services Section -->
<div id="services" class="container-fluid text-center bg-color">
    <h2 style="color: white;"><b>SERVICES</b></h2><br>
    <br>
    <h4 style="color: white;"><i>Search a Court</i></h4>
    <form class="form-horizontal container" action="#" onsubmit="return validation1()">
        <input class="form-control mr-sm-2" type="text" id="search" placeholder="Search" aria-label="Search"/>&nbsp;
        <button class="btn btn-primary-outline button1" type="submit">Search</button>
    </form>
    <span id="message4" style="color:white"></span>
    <br>
    <br>
    <div class="row text-center">
        <div class="col-sm-4">
            <div class="thumbnail">
                
                <p style="color: white;"><strong>Steph Curry Court</strong></p>
                <p style="color: white;">The Court known as "Splash Court"</p>
                <a type="button" href="#login" class="btn btn-primary-outline button1">Book Now</a>
            </div>
        </div>
        <div class="col-sm-4">
```



```
<form action="#" onsubmit="return validation2();">
<div class="col-sm-12">
<div class="row">
<div class="col-sm-6 form-group">
<input class="form-control" id="name" placeholder="Enter Name" type="text">
<span id="message5" style="color: red"></span>
</div>
<div class="col-sm-6 form-group">
<input class="form-control" id="email" placeholder="Enter Email" type="text">
<span id="message6" style="color: red"></span>
</div>
</div>
<textarea class="form-control" id="comments" placeholder="Comments" rows="12"></textarea><br>
<span id="message7" style="color: red"></span>
<div class="row ">
<div class="center_form">
</div>
</div>
</div>
<div class="container-fluid">
<button class="btn btn-default pull-right button3 bsize" type="submit">Send</button>
</div>
<br>
<br>
<br>
<br>
</form>
</div>

<!-- News section -->
```

```
<div id="news" class="container-fluid text-center bg-color2">
    <h2 style="color:white;"><b>NEWS</b></h2><br>
    <br>
    <br>
    <br>
    <div class="row text-center">
        <div class="col-sm-4">
            <div class="thumbnail thumbnail2">
                <div class="embed-responsive embed-responsive-4by3">
                    <video controls class="embed-responsive-item" >
                        <source src="cury.mp4" type="video/mp4">
                    </video>
                </div>
                <p style="color: white;"><strong>Steph Curry release new shoe</strong></p>
                <p style="color: white;">The latest update in Stephen Curry's signature footwear line is officially complete. Programmed for maximum unpredictability, the lightweight, precision-fitting Curry 5 was developed to help Stephen optimize his on-court performance.</p>
            </div>
        </div>
        <div class="col-sm-4">
            <div class="thumbnail thumbnail1">
                <div class="embed-responsive embed-responsive-4by3">
                    <video controls class="embed-responsive-item" >
                        <source src="rw.mp4" type="video/mp4">
                    </video>
                </div>
                <p style="color: white;"><strong>Russel Westbrook release new shoe</strong></p>
                <p style="color: white;">The Jordan "Why Not" Zer0.2 shoe, designed with the help of Russell Westbrook, is where form meets function. Russell and MJ put in a lot of work to get a high-performing shoe along with a fashionable look. The thought process shows even in the way the outsole comes up and hugs the mid and upper providing extra stability. This shoe and its colorful cousins may become classics all their own.</p>
            </div>
        </div>
    </div>

```

```
</div>

<div class="col-sm-4">
    <div class="thumbnail thumbnail2">
        <div class="embed-responsive embed-responsive-4by3">
            <video controls class="embed-responsive-item" >
                <source src="lebron.mp4" type="video/mp4">
            </video>
        </div>
        <p style="color: white;"><strong>Lebron James promise School</strong></p>
        <p style="color: white;">I Promise School is a public elementary school in Akron, Ohio, opened in 2018, supported by the LeBron James Family Foundation, and specifically aimed at at-risk children. Opening with students attending grades three and four, the school will be fully operational by 2022, eventually teaching grades one through eight.</p>
    </div>
    </div>
    </div>
    <br>
    <br>
</div>

<!-- Contact Section -->
<div id="contact" class="container-fluid text-center bg-color">
    <h2 style="color: white;"><b>CONTACT US</b></h2>
    <br>
    <div class="col-sm-8">
        <p style="text-align: left; color:white; font-size: 20px;">Contact us and we'll get back to you.</p>
        <p style="text-align: left; color:white; font-size: 20px;"><span class="glyphicon glyphicon-map-marker"></span> Test, Test</p>
    </div>
</div>
```

```
<p style="text-align: left; color:white; font-size: 20px;"><span class="glyphicon glyphicon-home"></span> 123 Test Street, Test</p>

<p style="text-align: left; color:white; font-size: 20px;"><span class="glyphicon glyphicon-phone"></span> +00 1515151515</p>

<p style="text-align: left; color:white; font-size: 20px;"><span class="glyphicon glyphicon-envelope"></span> myemail@something.com</p>

</div>

<div class="col-sm-4">
    <div class="logo">
        
    </div>
</div>

<!-- This is still image but We use Google API in the future -->
<!-- Updated: Google map Api implemented-->

<h2 style="color: white;"><b>Our Map Location</b></h2>

<!--  -->

<div id="map" style="width:99%;height:500px"> </div>
<br>
<br>
</div>

<!-- Registration Section -->

<div id="registration" class="container-fluid" align="center">
    <br>
    <br>
    <div class="logo">
        
    </div>
    <h2>Court Member Registration Form</h2>
```

```
<form action="#" onsubmit="return validation3()">

<div class="form-group">

    <label for="username"></label>

    <input style="width:50%" type="text" id="username" class="form-control" placeholder="Enter Username" maxlength="10" >

    <span id="message8" style="color: red;"></span>

</div>

<div class="form-group">

    <label for="password"></label>

    <input style="width:50%" type="password" id="password" class="form-control" placeholder="Enter Password" maxlength="15" >

    <span id="message9" style="color: red;"></span>

</div>

<div class="form-group">

    <label for="firstname"></label>

    <input style="width:50%" type="text" id="fname" class="form-control" placeholder="Enter Firstname" >

    <span id="message10" style="color: red;"></span>

</div>

<div class="form-group">

    <label for="lastname"></label>

    <input style="width:50%" type="text" id="lname" class="form-control" placeholder="Enter Lastname" >

    <span id="message11" style="color: red;"></span>

</div>

<div class="form-group">

    <label for="email"></label>

    <input class="form-control" id="email1" placeholder="Enter Email" type="text" style="width: 50%">

    <span id="message12" style="color: red"></span>

</div>
```

```
<div class="form-group">
    <label for="contact"></label>
    <input style="width:50%" type="text" class="form-control" id="phone"
placeholder="Enter Phone" name="phone">
    <span id="message13" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="gender"></label><select class="form-control" id="gender" style="width:50%">
        <option disabled selected value>Choose an option</option>
        <option value="Male">Male </option>
        <option value="Female">Female </option>
    </select>
    <span id="message14" style="color: red;"></span>
</div>

<div class="col-sm-12" align="center">
    <div class="g-recaptcha" data-
sitekey="6LchYLIUAAAAAJXgCPTXeIJHTmJNe3bsEnwlcvv" data-callback="verifyCaptcha"></div>
</div>

<div class="col-sm-12" align="center">
    <input id="check" type="hidden" value ="1"/>
    <span id="message15" style="color: red;"></span>
    <br>
    <button type="submit" class="btn btn-default button3" >Submit</button>
    <button type="reset" class="btn btn-default button3" > Clear</button>
    <br>
    <br>
</div>
</div>
</div>
</div>
```

```
</div>
</form>
<!-- Login Form -->
<div id="login" class="container-fluid bg-color2 align="center">
<br>
<br>
<div class="logo">

</div>
<h2 style="color: white;">Court Member Login Form</h2>
<h3 style="color: white;"><i>(For non customer, you must register before book a basketball court)</i></h3>
<form action="#" onsubmit="return validation4()">
<div class="form-group">
<label for="lusername"></label>
<input type="text" class="form-control" style="width:50%" id="lusername" placeholder="Enter username" maxlength="40" >
<span id="message16" style="color: red;"></span>
</div>
<div class="form-group">
<label for="lpassword"></label>
<input type="password" class="form-control" style="width:50%" id="lpassword" placeholder="Enter password" maxlength="40" >
<span id="message17" style="color: red;"></span>
</div>
<div class="form-group">
<button type="submit" class="btn btn-default button3">Submit</button>
<button type="reset" class="btn btn-default button3"> Clear</button>
</div>
</form>
<br>
<br>
```

```
<br>
<br>
</div>

<!-- Footer -->

<div class="container-fluid bg-color2" align="center">
<footer class="container-fluid text-center">
<a href="#base" title="To Top">
<span class="glyphicon glyphicon-chevron-up" style="color: white;"></span>
</a>
<p style="color:red;">Developed by Achmad Mustafa Kemal</p>
<p style="color: red;">Copyright Achmad Mustafa Kemal<span> &#169;</span> 2019
</footer>
</div>

<!-- Javascript for Google Map Api -->

<script>

function myMap() {
    var myCenter = new google.maps.LatLng(1.301444,103.850481);
    var mapCanvas = document.getElementById("map");
    var mapOptions = {center: myCenter, zoom: 20};
    var map = new google.maps.Map(mapCanvas, mapOptions);
    var marker = new google.maps.Marker({position:myCenter});
    marker.setMap(map);

    // Zoom to 9 when clicking on marker
    google.maps.event.addListener(marker,'click',function() {
        map.setZoom(20);
        map.setCenter(marker.getPosition());
    });
}

</script>
```

```
<script  
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyAYoRDJEagYXE_czI3lWMdLPPXEkwnoOx  
o&callback=myMap"></script>  
</body>  
</html>
```

Profile.html (Improved with Javascript)

```
<!DOCTYPE html>  
<html lang="en">  
  <head>  
    <title>SIT774 Project</title>  
    <meta charset="utf-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <link rel="stylesheet"  
    href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">  
    <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"  
    type="text/css">  
    <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet"  
    type="text/css">  
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>  
    <script  
    src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>  
    <script src='https://www.google.com/recaptcha/api.js' async defer></script>  
    <style>  
      .jumbotron{  
        /* background: url("sneaker.jpg") no-repeat center center;  
        /* background-size: cover;  
        min-height: 800px; */  
        background-color: black;  
        font-family: Trebuchet MS, sans-serif;  
        padding: 100px 25px;  
      }
```

```
}

.logo
{
    display: flex;
    justify-content: center;
    /* align-items: center; */
    position: relative;
}

.head
{
    font-family: Trebuchet MS, sans-serif;
    font-size: 40px !important;
}

.bp
{
    font-size: 20px !important;
}

.body{
    font: 400 15px Lato, sans-serif;
}

.navbar
{
    margin-bottom: 0;
    border-radius: 0;
    background-color:black;
    font-size: 23px !important;
    font-family: Trebuchet MS, sans-serif;
}
```

```
    font-size: 18px !important;
    line-height: 1.42857143 !important;
    letter-spacing: 4px;
}

.affix {
    top: 0;
    width: 100%;
    z-index: 9999 !important;
}

.affix + .container-fluid {
    padding-top: 70px;
}

.thumbnail {
    padding: 0 0 30px 0;
    border: none;
    border-radius: 0;
    background-color: black;
}

.thumbnail1 {
    padding: 0 0 40px 0;
    border: none;
    border-radius: 0;
    background-color:red;
}

.thumbnail2 {
    padding: 0 0 60px 0;
    border: none;
    border-radius: 0;
```

```
background-color:red;  
}  
.navbar li a, .navbar .navbar-brand {  
color:white !important;  
}  
.navbar-nav li a:hover, .navbar-nav li.active a {  
color: black !important;  
background-color:red !important;  
}  
.well  
{  
height: 400px;  
width: 80%;  
background-color:black;  
}  
  
.center_form  
{  
margin: 0 auto;  
width:40% /* value of your choice which suits your alignment */  
}  
.content {  
padding: 16px;  
}  
.sticky {  
position: fixed;  
top: 0;  
width: 100%;  
}
```

```
.sticky + .content {  
    padding-top: 60px;  
}  
.bg-color {  
    background-color: red;  
}  
.bg-color1{  
    background-color: black;  
}  
@keyframes slide {  
    0%  
    {  
        opacity: 0;  
        transform: translateY(70%);  
    }  
    100% {  
        opacity: 1;  
        transform: translateY(0%);  
    }  
}  
.thumbnail img {  
    width: 100%;  
    height: 100%;  
    margin-bottom: 10px;  
}  
.btn-primary-outline {  
    background-color: transparent;  
    border-color: #ccc;  
}
```

```
.button1
{
    font-size: 13px;
    color: white;
}

.button3
{
    background-color: white;
    font-size: 20px;
    color:black;
}

.button3:hover {
    background-color: red;
    color: white;
}

}

.bsize
{
    padding: 7px 30px;
}


```

</style>

```
<script>

$(document).ready(function(){

    // Add smooth scrolling to all links in navbar + footer link
    $(".navbar a, footer a[href='#myPage']").on('click', function(event) {

        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {

            // Prevent default anchor click behavior
```

```
        event.preventDefault();

        // Store hash
        var hash = this.hash;

        // Using jQuery's animate() method to add smooth page scroll
        // The optional number (900) specifies the number of milliseconds it takes to
        scroll to the specified area
        $('#html, body').animate({
            scrollTop: $(hash).offset().top
        }, 900, function(){
            // Add hash (#) to URL when done scrolling (default click behavior)
            window.location.hash = hash;
        });
    } // End if
});

//Google Captcha
var captchaContainer = null;
var loadCaptcha = function() {
    captchaContainer = grecaptcha.render('captcha_container', {
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcvv',
        'callback' : function(response) {
            alert(response);
        }
    });
};

</script>
```

```
<!-- Validation for edit profile form -->

<script>

    function validation()
    {

var mailformat = /^[\w+([\.-]?\w+)*[@gmail.com]*(\.\w{2,3})+\$/;
var emailvalue = document.getElementById("email1").value;

var phoneno = /^[+]*[(][0,1][0-9]{1,4}[)][0,1][-]\s[./0-9]*$/g;
var phone_val = document.getElementById("phone").value;

if (document.getElementById("username").value.length == 0) {
    document.getElementById("message8").innerHTML = "<em> You did not edit or
type a username</em>";
    return false;
}

if (document.getElementById("password").value.length < 1) {
    document.getElementById("message9").innerHTML = "<em> You should input more
than 1 character</em>";
    return false;
}

if (document.getElementById("fname").value.length == 0) {
    document.getElementById("message10").innerHTML = "<em> You did not enter
firstname</em>";
    return false;
}

if (document.getElementById("lname").value.length == 0) {
    document.getElementById("message11").innerHTML = "<em> You did not enter
lastname</em>";
    return false;
}
}
```

```
if(!emailvalue.match(mailformat)){
    document.getElementById("message12").innerHTML = "<em> please enter email
contain @gmail.com only</em>";
    return false;
}
if(!phone_val.match(phoneneno)){
    document.getElementById("message13").innerHTML = "<em> Please enter correct
number</em>";
    return false;
}
if (document.getElementById("gender").value.length == 0) {
    document.getElementById("message14").innerHTML = "<em> Please choose one
gender</em>";
    return false;
}
return true;
}
</script>
```

```
</head>
<body id="base">
<!-- Top of website -->
<div class="jumbotron text-center img-responsive" style="margin-bottom: 0">
    <div class="logo">
        
    </div>
    <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>
</div>
<!-- Navbar -->
```

```
<nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-top="60">

    <div class="container-fluid">

        <div class="navbar-header">

            <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">

                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>

        </div>

        <div class="collapse navbar-collapse" id="myNavbar">

            <ul class="nav navbar-nav">

                <li><a href="profile.html"><b>Profile</b></a></li>
                <li><a href="order.html"><b>Booking</b></a></li>
                <li><a href="view_booking.html"><b>View Booking</b></a></li>
                <!-- <li><a href="index.html"><b>Feedback</b></a></li>
                <li><a href="Index.html"><b>News</b></a></li>
                <li><a href="index.html"><b>Contact</b></a></li> -->
                <!-- <li><a href="index.html"><span class="glyphicon glyphicon-user"></span><b>Register</b></a></li> -->
            </ul>

            <ul class="nav navbar-nav navbar-right">

                <li><a href="index.html"><span class="glyphicon glyphicon-log-out"></span><b>Log out</b></a></li>
            </ul>
        </div>
    </div>

</nav>

<br>
<br>
```

```
<br>
<br>
<br>

<!-- order Section -->
<div class="container-fluid" align="center">

    <div class="logo">
        
    </div>
    <h2>Welcome to Court Member Profile</h2>
    <h2>Court Member Profile Form (Edit Profile Only)</h2>

    <form action="#" onsubmit="return validation()">
        <div class="form-group">
            <label for="username"></label>
            <input style="width:50%" type="text" id="username" class="form-control" placeholder="Enter Username" maxlength="10" >
            <span id="message8" style="color: red;"></span>
        </div>
        <div class="form-group">
            <label for="password"></label>
            <input style="width:50%" type="password" id="password" class="form-control" placeholder="Enter Password" maxlength="15" >
            <span id="message9" style="color: red;"></span>
        </div>
        <div class="form-group">
            <label for="firstname"></label>
            <input style="width:50%" type="text" id="fname" class="form-control" placeholder="Enter Firstname" >
            <span id="message10" style="color: red;"></span>
        </div>
    </form>
</div>
```

```
<div class="form-group">
    <label for="lastname"></label>
    <input style="width:50%" type="text" id="lname" class="form-control" placeholder="Enter Lastname" >
    <span id="message11" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="email"></label>
    <input class="form-control" id="email1" placeholder="Enter Email" type="text" style="width: 50%">
    <span id="message12" style="color: red;"></span>
</div>

<div class="form-group" >
    <label for="contact"></label>
    <input style="width:50%" type="text" class="form-control" id="phone" oninput="this.value=this.value.replace(/[^0-9]/g,'');" placeholder="Enter Phone" name="phone">
    <span id="message13" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="gender"></label><select class="form-control" id="gender" style="width:50%">
        <option disabled selected value>Choose an option</option>
        <option value="Male">Male </option>
        <option value="Female">Female </option>
    </select>
    <span id="message14" style="color: red;"></span>
</div>

<div class="col-sm-12" align="center">
    <button type="submit" class="btn btn-default button3" >Submit</button>
```


Order.html (Improved with Javascript)

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>SIT774 Project</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
    href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
    <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"
    type="text/css">
    <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet"
    type="text/css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script
    src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
    <script src='https://www.google.com/recaptcha/api.js' async defer></script>
  <style>
    .jumbotron{
      /* background: url("sneaker.jpg") no-repeat center center;
      /* background-size: cover;
      min-height: 800px; */
      background-color:black;
      font-family: Trebuchet MS, sans-serif;
      padding: 100px 25px;
    }
    .logo
    {
      display: flex;
      justify-content: center;
```

```
/* align-items: center; */
position: relative;
}

.head
{
    font-family: Trebuchet MS, sans-serif;
    font-size: 40px !important;

}

.bp
{
    font-size: 20px !important;
}

.body{
    font: 400 15px Lato, sans-serif;
}

.navbar
{
    margin-bottom: 0;
    border-radius: 0;
    background-color:black;
    font-size: 23px !important;
    font-family: Trebuchet MS, sans-serif;
    font-size: 18px !important;
    line-height: 1.42857143 !important;
    letter-spacing: 4px;
}

.affix {
```

```
top: 0;  
width: 100%;  
z-index: 9999 !important;  
}  
  
.affix + .container-fluid {  
padding-top: 70px;  
}  
.thumbnail {  
padding: 0 0 30px 0;  
border: none;  
border-radius: 0;  
background-color: black;  
}  
.thumbnail1 {  
padding: 0 0 40px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.thumbnail2 {  
padding: 0 0 60px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.navbar li a, .navbar .navbar-brand {  
color:white !important;  
}
```

```
.navbar-nav li a:hover, .navbar-nav li.active a {  
    color: black !important;  
    background-color:red !important;  
}  
.well  
{  
    height: 400px;  
    width: 80%;  
    background-color:black;  
}  
  
.center_form  
{  
    margin: 0 auto;  
    width:40% /* value of your choice which suits your alignment */  
}  
.content {  
    padding: 16px;  
}  
.sticky {  
    position: fixed;  
    top: 0;  
    width: 100%;  
}  
.sticky + .content {  
    padding-top: 60px;  
}  
.bg-color {  
    background-color: red;
```

```
        }

.bg-color1{
    background-color: black;
}

@keyframes slide {
    0%
    {
        opacity: 0;
        transform: translateY(70%);
    }
    100% {
        opacity: 1;
        transform: translateY(0%);
    }
}

.thumbnail img {
    width: 100%;
    height: 100%;
    margin-bottom: 10px;
}

.btn-primary-outline {
    background-color: transparent;
    border-color: #ccc;
}

.button1
{
    font-size: 13px;
    color: white;
}
```

```
.button3
{
    background-color: white;
    font-size: 20px;
    color:black;
}

.button3:hover {
    background-color: red;
    color: white;
}

}
.bsize
{
    padding: 7px 30px;
}

</style>
<script>

$(document).ready(function(){

    // Add smooth scrolling to all links in navbar + footer link
    $(".navbar a, footer a[href='#myPage']").on('click', function(event) {

        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {

            // Prevent default anchor click behavior
            event.preventDefault();

            // Store hash
            var hash = this.hash;

            // Using jQuery's animate() method to add smooth page scroll
            // the value of the hash (#page1, #page2, etc)
            // must be matched with the class in .nav aHover
            $('html, body').animate({
                scrollTop: $(hash).offset().top
            }, 1000, function(){
                window.location.hash = hash;
            });
        }
    })
})
```

```
// The optional number (900) specifies the number of milliseconds it takes to
scroll to the specified area

$('html, body').animate({
    scrollTop: $(hash).offset().top
}, 900, function(){

    // Add hash (#) to URL when done scrolling (default click behavior)
    window.location.hash = hash;

});

} // End if
});

}

//Google Captcha
var captchaContainer = null;
var loadCaptcha = function() {
    captchaContainer = grecaptcha.render('captcha_container', {
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcvv',
        'callback' : function(response) {
            alert(response);
        }
    });
};

</script>
<script>
    function validation()
    {
        var mailformat = /^[^\w+([.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
        var emailvalue = document.getElementById("email1").value;
```

```
var phoneno = /^[+]*[(][0,1][0-9]{1,4}[)][0,1][-s\./0-9]*$/g;
var phone_val = document.getElementById("phone").value;

var creditno = /^[+]*[(][0,1][0-9]{1,4}[)][0,1][-s\./0-9]*$/g;
var credit_val = document.getElementById("credit").value;

var response = grecaptcha.getResponse();

if (document.getElementById("username").value.length == 0) {
    document.getElementById("message8").innerHTML = "<em> You did not create a
username</em>";
    return false;
}

if (document.getElementById("fname").value.length == 0) {
    document.getElementById("message10").innerHTML = "<em> You did not enter
firstname</em>";
    return false;
}

if (document.getElementById("lname").value.length == 0) {
    document.getElementById("message11").innerHTML = "<em> You did not enter
lastname</em>";
    return false;
}

if(!emailvalue.match(mailformat)){
    document.getElementById("message12").innerHTML = "<em> please enter email
contain @gmail.com only</em>";
    return false;
}

if(!phone_val.match(phoneno)){
    document.getElementById("message13").innerHTML = "<em> Please enter correct
number</em>";
}
```

```
        return false;
    }

    if(!credit_val.match(creditno)){
        document.getElementById("message14").innerHTML = "<em> Please enter correct
number</em>";
        return false;
    }

    if (document.getElementById("gender").value.length == 0) {
        document.getElementById("message15").innerHTML = "<em> Please choose one
gender</em>";
        return false;
    }

    if (document.getElementById("court").value.length == 0) {
        document.getElementById("message16").innerHTML = "<em> Please choose one
court</em>";
        return false;
    }

    if (document.getElementById("dob").value.length == 0) {
        document.getElementById("message17").innerHTML = "<em> Please choose one
date</em>";
        return false;
    }

    if (document.getElementById("time").value.length == 0) {
        document.getElementById("message18").innerHTML = "<em> Please choose one
value of time</em>";
        return false;
    }

    if(response.length == 0) {
        document.getElementById("message19").innerHTML = "<em> Please tick
recaptcha</em>";
        return false;
    }
}
```

```
        }

        return true;
    }

```

```
</script>

</head>

<body id="base">

<!-- Top of website -->

<div class="jumbotron text-center img-responsive" style="margin-bottom: 0">

    <div class="logo">

    </div>

    <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>

    </div>

<!-- Navbar -->

<nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-
top="60">

    <div class="container-fluid">

        <div class="navbar-header">

            <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">

                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>

            </button>

        </div>

        <div class="collapse navbar-collapse" id="myNavbar">

            <ul class="nav navbar-nav">

                <li><a href="profile.html"><b>Profile</b></a></li>
                <li><a href="order.html"><b>Booking</b></a></li>

            </ul>

        </div>

    </div>

</nav>
```

```
<li><a href="view_booking.html"><b>View Booking</b></a></li>
<!-- <li><a href="index.html"><b>Feedback</b></a></li>
<li><a href="index.html"><b>News</b></a></li>
<li><a href="index.html"><b>Contact</b></a></li>
<li><a href="Index.html"><span class="glyphicon glyphicon-user"></span><b>Register</b></a></li> -->
</ul>
<ul class="nav navbar-nav navbar-right">
<li><a href="index.html"><span class="glyphicon glyphicon-log-out"></span><b>Log out</b></a></li>
</ul>
</div>
</div>
</nav>
<br>
<!-- order Section -->
<div class="container-fluid" align="center">
<div class="logo">

</div>
<h2>Court Member Order Form (Credit Card Only)</h2>

<form action="#" onsubmit="return validation()">
<div class="form-group">
<label for="username"></label>
```

```
<input style="width:50%" type="text" class="form-control" id="username"
placeholder="Enter Username" maxlength="10">
<span id="message8" style="color: red;"></span>
</div>
<div class="form-group">
<label for="firstname"></label>
<input style="width:50%" type="text" class="form-control" id="fname"
placeholder="Enter Fristname" >
<span id="message10" style="color: red;"></span>
</div>
<div class="form-group">
<label for="lastname"></label>
<input style="width:50%" type="text" class="form-control" id="lname"
placeholder="Enter Lastname" >
<span id="message11" style="color: red;"></span>
</div>
<div class="form-group">
<label for="email"></label>
<input style="width:50%" type="text" class="form-control" id="email1"
placeholder="Enter Email " >
<span id="message12" style="color: red;"></span>
</div>

<div class="form-group" >
<label for="contact"></label><input style="width:50%" type="text"
oninput="this.value=this.value.replace(/[^0-9]/g,'');" class="form-control" id="phone"
placeholder="Enter Contact" maxlength="15">
<span id="message13" style="color: red;"></span>
</div>

<div class="form-group" >
```

```
    <label for="Card Number"></label><input style="width:50%" type="text"
oninput="this.value=this.value.replace(/[^0-9]/g,'');" class="form-control" id="credit"
placeholder="Enter Card Number" maxlength="15">
    <span id="message14" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="gender"></label><select class="form-control" id="gender"
style="width:50%">
        <option disabled selected value>Choose an option</option>
        <option value="Male">Male </option>
        <option value="Female">Female </option>
    </select>
    <span id="message15" style="color: red;"></span>
</div>

<div class="form-group">
    <label for="court"></label><select class="form-control" id="court"
style="width:50%">
        <option disabled selected value>Choose an option</option>
        <option value="BC1">Splash Court </option>
        <option value="BC2">Airplane Mode Court </option>
        <option value="BC3">King Court </option>
    </select>
    <span id="message16" style="color: red;"></span>
</div>

<div class="form-group">
    <input style="width:50%;" type="date" class="form-control" id="dob"
placeholder="Choose">
    <span id="message17" style="color: red;"></span>
</div>

<div class="form-group">
```

```
<label for="time"></label><select class="form-control" id="time" style="width:50%">
    <option disabled selected value>Choose an option</option>
    <option value="20.00-21.00">20.00-21.00 </option>
    <option value="21.00-22.00">21.00-22.00 </option>
    <option value="22.00-23.00">22.00-23.00 </option>
    <option value="01.00-02.00">01.00-02.00 </option>
    <option value="02.00-03.00">02.00-03.00 </option>
</select>
<span id="message18" style="color: red;"></span>
</div>

<div class="col-sm-12" align="center">
    <div class="g-recaptcha" data-
sitekey="6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwlcvw"></div>
</div>
<div class="col-sm-12" align="center">
    <input id="check" type="hidden" value="1" />
    <span id="message19" style="color: red;"></span>
    <br>
    <br>
    <button type="submit" class="btn btn-default button3" >Submit</button>
    <button type="reset" class="btn btn-default button3" > Clear</button>
    <br>
    <br>
</div>
</div>
</div>
</div>
</div>
```

```
</form>  
</div>  
</body>
```

View_booking.html (Improved with Javascript)

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>SIT774 Project</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
    <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet"
      type="text/css">
    <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet"
      type="text/css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
    <script src='https://www.google.com/recaptcha/api.js' async defer></script>
    <style>
      .jumbotron{
        /* background: url("sneaker.jpg") no-repeat center center;
        /* background-size: cover;
        min-height: 800px; */
        background-color: black;
        font-family: Trebuchet MS, sans-serif;
        padding: 100px 25px;
      }
      .logo
      {
        display: flex;
        justify-content: center;
```

```
/* align-items: center; */
position: relative;
}

.head
{
    font-family: Trebuchet MS, sans-serif;
    font-size: 40px !important;

}

.bp
{
    font-size: 20px !important;
}

.body{
    font: 400 15px Lato, sans-serif;
}

.navbar
{
    margin-bottom: 0;
    border-radius: 0;
    background-color:black;
    font-size: 23px !important;
    font-family: Trebuchet MS, sans-serif;
    font-size: 18px !important;
    line-height: 1.42857143 !important;
    letter-spacing: 4px;
}

.affix {
```

```
top: 0;  
width: 100%;  
z-index: 9999 !important;  
}  
  
.affix + .container-fluid {  
padding-top: 70px;  
}  
.thumbnail {  
padding: 0 0 30px 0;  
border: none;  
border-radius: 0;  
background-color: black;  
}  
.thumbnail1 {  
padding: 0 0 40px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.thumbnail2 {  
padding: 0 0 60px 0;  
border: none;  
border-radius: 0;  
background-color:red;  
}  
.navbar li a, .navbar .navbar-brand {  
color:white !important;  
}
```

```
.navbar-nav li a:hover, .navbar-nav li.active a {  
    color: black !important;  
    background-color:red !important;  
}  
  
.well  
{  
    height: 400px;  
    width: 80%;  
    background-color:black;  
}  
  
  
.center_form  
{  
    margin: 0 auto;  
    width:40% /* value of your choice which suits your alignment */;  
}  
  
.content {  
    padding: 16px;  
}  
  
.sticky {  
    position: fixed;  
    top: 0;  
    width: 100%;  
}  
  
.sticky + .content {  
    padding-top: 60px;  
}  
  
.bg-color {  
    background-color: red;
```

```
}

.bg-color1{
background-color: black;
}

@keyframes slide {
    0%
    {
        opacity: 0;
        transform: translateY(70%);
    }
    100% {
        opacity: 1;
        transform: translateY(0%);
    }
}

.thumbnail img {
width: 100%;
height: 100%;
margin-bottom: 10px;
}

.btn-primary-outline {
background-color: transparent;
border-color: #ccc;
}

.button1
{
font-size: 13px;
color: white;
}
```

```
.button3
{
    background-color: white;
    font-size: 15px;
    color:black;
}

.button3:hover {
    background-color: red;
    color: white;
}

}

.bsize
{
    padding: 7px 30px;
}

}

</style>

<script>
$(document).ready(function(){
    // Add smooth scrolling to all links in navbar + footer link
    $(".navbar a, footer a[href='#myPage']").on('click', function(event) {
        // Make sure this.hash has a value before overriding default behavior
        if (this.hash !== "") {
            // Prevent default anchor click behavior
            event.preventDefault();

            // Store hash
            var hash = this.hash;
```

```
// Using jQuery's animate() method to add smooth page scroll
// The optional number (900) specifies the number of milliseconds it takes to
scroll to the specified area

$('html, body').animate({
    scrollTop: $(hash).offset().top
}, 900, function(){

    // Add hash (#) to URL when done scrolling (default click behavior)
    window.location.hash = hash;
});

} // End if
});

})

//Google Captcha
var captchaContainer = null;
var loadCaptcha = function() {
    captchaContainer = grecaptcha.render('captcha_container', {
        'sitekey' : '6LchYLIUAAAAAJXgCPTXeIHJHTmJNe3bsEnwlcvv',
        'callback' : function(response) {
            alert(response);
        }
    });
};

</script>

<!-- Validation for search form --&gt;
&lt;script&gt;
    function validation1() {</pre>
```

```
        if (document.getElementById("search").value.length == 0) {
            document.getElementById("message4").innerHTML = "<em> You did not enter
value in the search form</em>";
            return false;
        }

        return true;
    }
</script>

</head>
<body id="base">
    <!-- Top of website -->
    <div class="jumbotron text-center img-responsive" style="margin-bottom: 0">
        <div class="logo">
            
        </div>
        <h1 style="text-align: center; color:white;"><i>"Winners train, Losers
complain"</i></h1>
    </div>
    <!-- Navbar -->
    <nav class="navbar navbar-inverse navbar-fixed-top" data-spy="affix" data-offset-
top="60">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
```

```
</div>

<div class="collapse navbar-collapse" id="myNavbar">
    <ul class="nav navbar-nav">
        <li><a href="profile.html"><b>Profile</b></a></li>
        <li><a href="order.html"><b>Booking</b></a></li>
        <li><a href="view_booking.html"><b>View Booking</b></a></li>
        <!-- <li><a href="index.html"><b>Feedback</b></a></li>
        <li><a href="index.html"><b>News</b></a></li>
        <li><a href="index.html"><b>Contact</b></a></li> -->
        <!-- <li><a href="index.html"><span class="glyphicon glyphicon-user"></span><b>Register</b></a></li> -->
    </ul>
    <ul class="nav navbar-nav navbar-right">
        <li><a href="index.html"><span class="glyphicon glyphicon-log-out"></span><b>Log out</b></a></li>
    </ul>
</div>
</div>

</nav>
<br>
<br>
<br>
<br>
<br>

<!-- order Section -->

<div class="container-fluid" align="center">
    <div class="logo">
        
    </div>
    <h2>Welcome to Court Member Profile</h2>
```

```
<h2>View Booking for Customer</h2>
<form class="form-inline" onsubmit="return validation1()">
    <input class="form-control mr-sm-2" type="text" id="search"
placeholder="Search for your booking" aria-label="Search">&nbsp;
    <button class="btn btn-primary-outline button3"
type="submit">Search</button>
</form>
<span id="message4" style="color:red"></span>
<br>
<br>
<form>
    <div class="table-responsive">
        <table class="table table-hover table-bordered">
            <thead>
                <tr>
                    <th>Name</th>
                    <th>Username</th>
                    <th>Booking ID</th>
                    <th>Time</th>
                    <th>Court</th>
                    <th>Date</th>
                    <th>Action</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>1111</td>
                    <td>1111</td>
                    <td>1111</td>
                    <td>1111</td>
```

```
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
</tbody>
</table>
</div>
</form>
```

```
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>

</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>
</tr>
<tr>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td>1111</td>
<td><button type="button" class="btn btn-danger">Delete</button></td>
</tr>
</tbody>
</table>
</div>
</form>
```

SIT 774

Achmad M ustafa K emal

ID: 219374683

Homepage

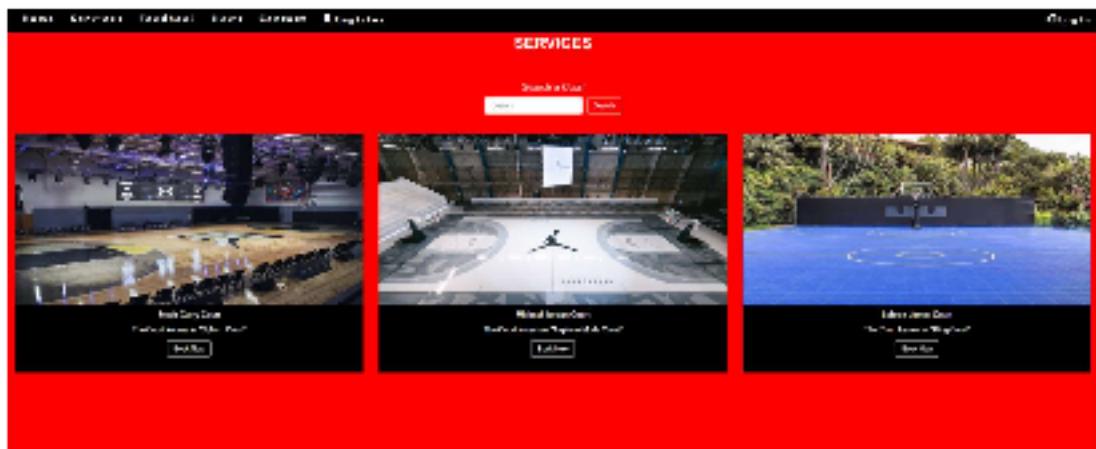


Welcome

WELCOME TO THE OFFICIAL WEBSITE OF THE NATIONAL SPORTS FACILITY. WE ARE A LEADING PROVIDER OF HIGH-LEVEL SPORTS TRAINING AND COMPETITION FACILITIES. OUR STATE-OF-THE-ART FACILITIES INCLUDE A 50M SWIMMING POOL, A 400M ATHLETICS TRACK, A MULTIPURPOSE COURT FOR TENNIS, BADMINTON, AND VOLLEYBALL, AND A GYMNASIUM. WE ARE COMMITTED TO PROMOTING EXCELLENCE IN SPORTS AND PROVIDING TOP-LEVEL TRAINING FOR ALL LEVELS OF ATHLETES.

OUR FACILITIES ARE DESIGNED TO MEET THE NEEDS OF PROFESSIONAL ATHLETES, HIGH SCHOOL STUDENTS, AND COMMUNITY MEMBERS. WHETHER YOU ARE LOOKING FOR INDIVIDUAL TRAINING, TEAM PRACTICES, OR GROUP CLASSES, WE HAVE SOMETHING FOR EVERYONE. WE ALSO HOST A VARIETY OF SPORTS COMPETITIONS, FROM LOCAL CHAMPIONSHIPS TO NATIONAL AND INTERNATIONAL EVENTS. JOIN US AND DISCOVER THE FULL RANGE OF SERVICES WE HAVE TO OFFER.

Service



Feedback Service

The screenshot shows a web page titled "Court Feedback Service". At the top, there is a navigation bar with links for Home, Services, Feedback, News, Status, and Register. Below the navigation bar is a search bar with placeholder text "Search..." and a "Go" button. The main content area contains a large, empty white box with a "SUBMIT" button in the bottom right corner.

News

The screenshot shows a news section with a red header bar containing the word "NEWS". Below the header are three news items, each with a thumbnail image, a title, and a brief description. The titles are "Highway safety message", "Local athletes to play for team", and "Former Court employee to speak at podium". Each news item has a "Read More" link at the bottom.

Contact

The screenshot shows a contact section with a red header bar containing the word "CONTACT US". To the left, there is a list of contact methods: "Contact us and we'll get back to you", "Text", "Email", "20 West Rose, 2nd", "100-1000", and "Court@courts.state.ny.us". To the right, there is a logo consisting of four circles arranged in a square pattern with the word "COURT" below it. Below the logo is a map titled "Our Map Location" showing the area around Albany, New York. The map highlights neighborhoods like Pine Hills, Arbor Hill, Washington Park, Clinton Ave, Albany, and Downtown. It also shows the Hudson River and major highways I-787 and I-90.

Register

I implement Google recaptcha

Skip

[Home](#) [Services](#) [Products](#) [News](#) [Contact](#) [Register](#)


COURT

Court Member Registration Form

User Name:

User Name:

User Name:

Email Address:

User ID:

User Type:

Phone or other:

I'm Human 

Login

Skip

[Home](#) [Services](#) [Products](#) [News](#) [Contact](#) [Register](#)

User ID
 User Name
 User Password
 I'm Human 


COURT

Court Member Login Form

User Name:

User Password:

Forgot your password?

Profile

The screenshot shows a dark-themed profile page. At the top center is a placeholder icon consisting of three white circles arranged in a triangle (top-left, bottom-left, and bottom-right) inside a red square frame, with the word "COURT" in red capital letters below it. Below this icon is the quote "Winners train, Losers complain".

Below the quote is a form with several input fields:

- First name: [redacted]
- Last name: [redacted]
- Address: [redacted]
- City: [redacted]
- State: [redacted]
- Zip code: [redacted]
- Phone number: [redacted]

At the bottom right of the form are two buttons: "Next" and "Cancel".

Booking

I implement Google recaptcha

The screenshot shows a dark-themed booking page. At the top center is a placeholder icon consisting of three white circles arranged in a triangle (top-left, bottom-left, and bottom-right) inside a red square frame, with the word "COURT" in red capital letters below it. Below this icon is the quote "Winners train, Losers complain".

Below the quote is a form with several input fields:

- First name: [redacted]
- Last name: [redacted]
- Address: [redacted]
- City: [redacted]
- State: [redacted]
- Zip code: [redacted]
- Phone number: [redacted]

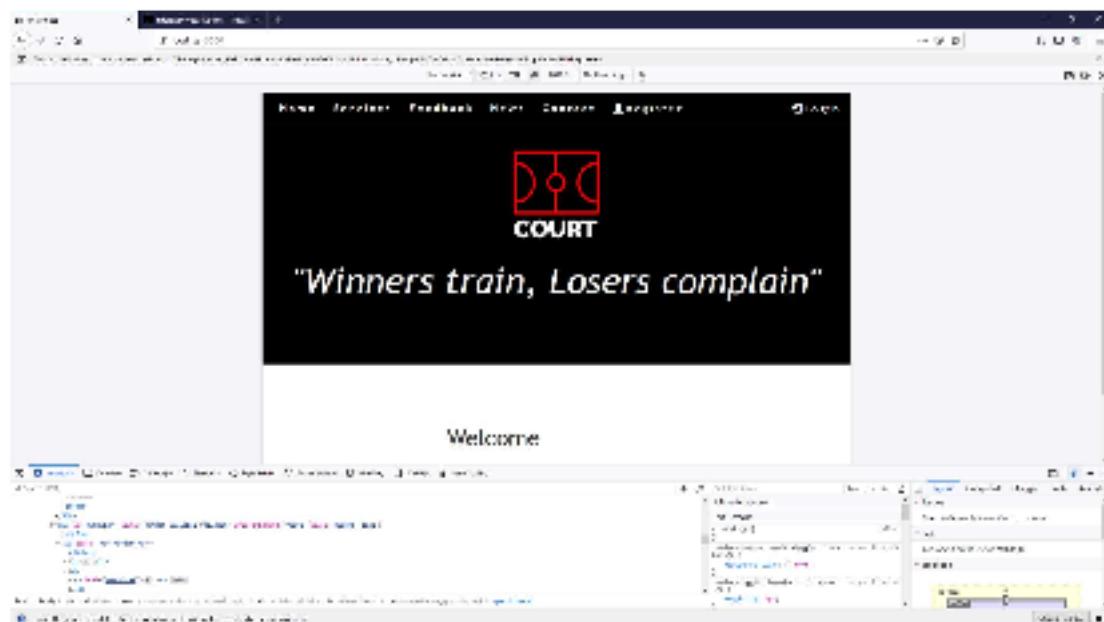
At the bottom right of the form is a Google reCAPTCHA checkbox labeled "I'm not a robot".

[View Booking](#)

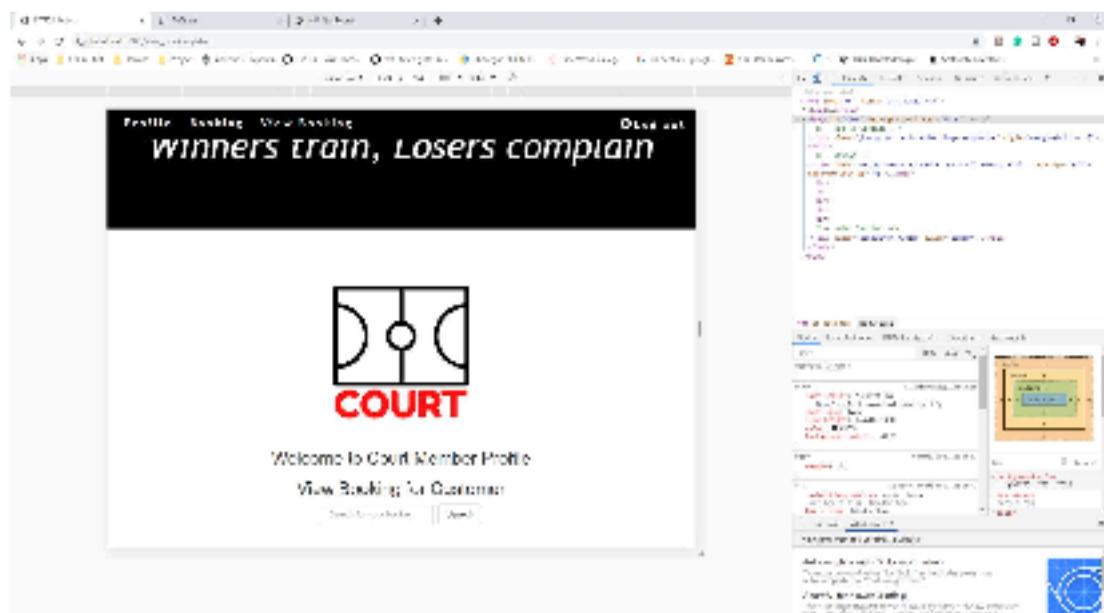


Test responsive ability in the internet browser

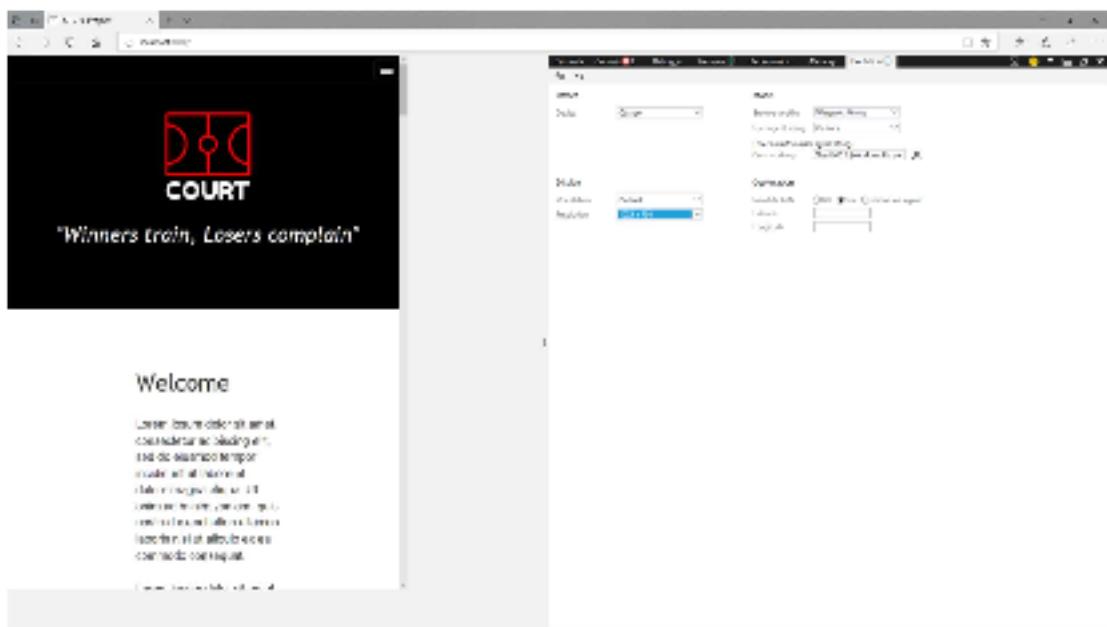
Mozilla Firefox



Google Chrome

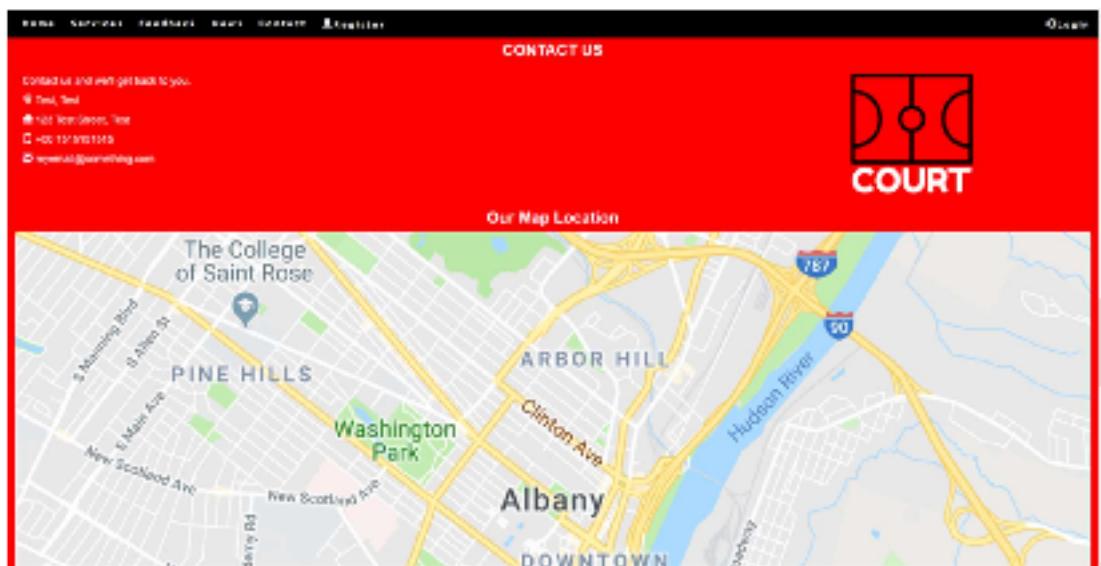


Microsoft Edge

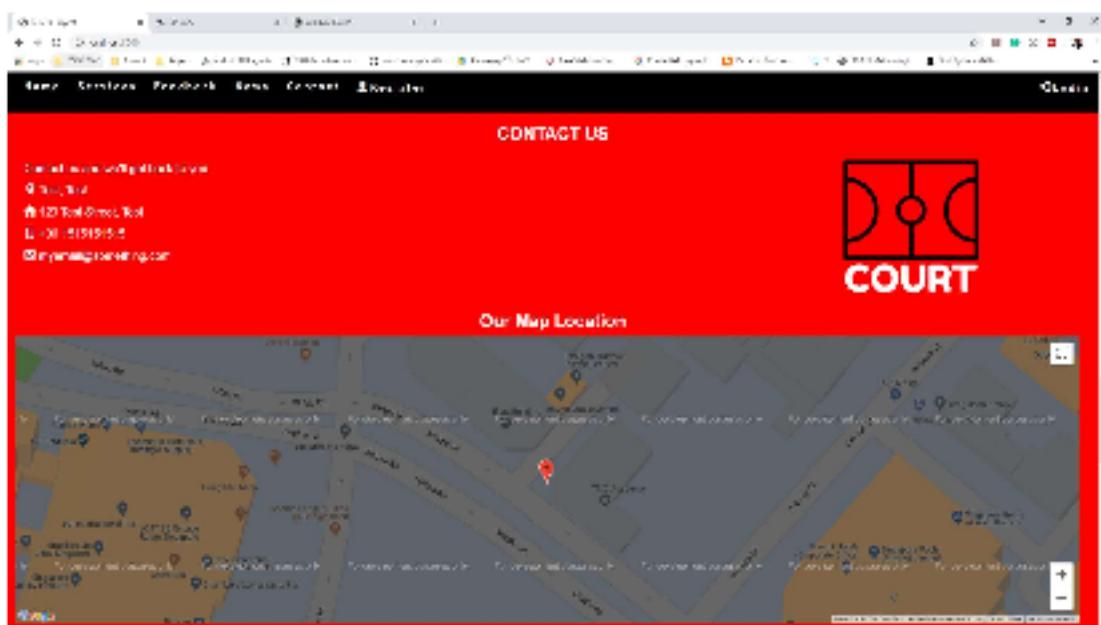


Contact (Improved)

In this contact form, I implemented google map API



(Before implementation of google map API)



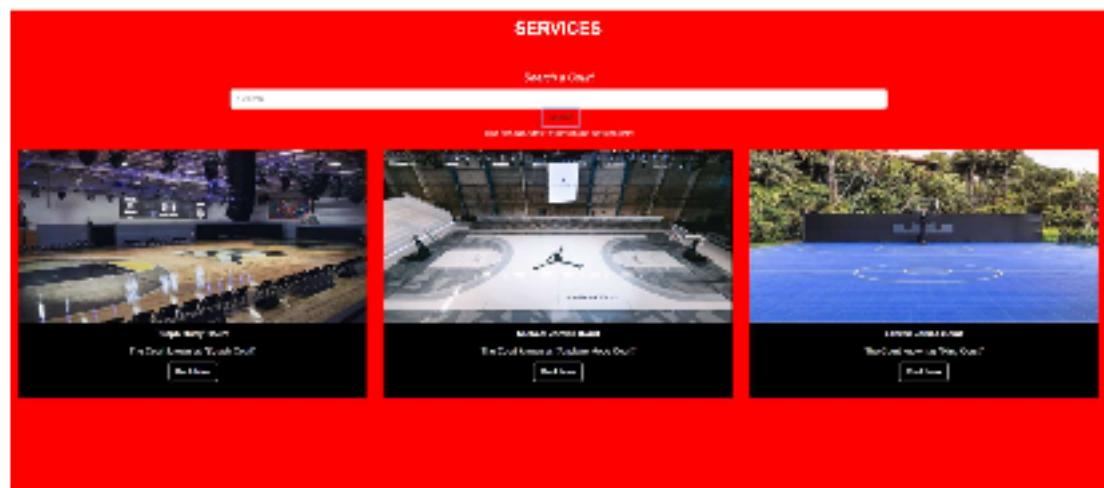
(After implementation of google map API)

SIT 774

Achmad M ustafa K emal

ID: 219374683

Validation for search form



Validation for feedback form

Court Feedback Service

Feedback Form

Feedback Form ID: 1234567890

Feedback Type: General

Feedback Content:

This is a sample feedback message. It contains several lines of text to demonstrate how the validation will work across different sections of the form.

Send

Court Feedback Service

Feedback Form

Feedback Form ID: 1234567890

Feedback Type: General

Feedback Content:

This is a sample feedback message. It contains several lines of text to demonstrate how the validation will work across different sections of the form.

Send

Court Feedback Service

Feedback Form

Feedback Form ID: 1234567890

Feedback Type: General

Feedback Content:

This is a sample feedback message. It contains several lines of text to demonstrate how the validation will work across different sections of the form.

Send

Validation for register form

COURT

Court Member Registration Form

First Name:
Middle Name:
Last Name:
Phone Number:
Email Address:
Address:
 I accept the [Privacy Policy](#) and [Terms of Use](#).

Court Member Registration Form

First Name:
Middle Name:
Last Name:
Phone Number:
Email Address:
Address:
 I accept the [Privacy Policy](#) and [Terms of Use](#).

Court Member Registration Form

First Name:
Middle Name:
Last Name:
Phone Number:
Email Address:
Address:
 I accept the [Privacy Policy](#) and [Terms of Use](#).

Court Member Registration Form

First Name:

Middle Name:

Last Name:

Address: Street Address or P.O. Box

City:

State:

Zip:

Phone Number:

E-mail Address:

I accept the [Terms of Use](#).

Court Member Registration Form

First Name:

Middle Name:

Last Name:

Address: Street Address or P.O. Box

City:

State:

Zip:

Phone Number:

E-mail Address:

I accept the [Terms of Use](#).

Court Member Registration Form

<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="radio"/> <input type="radio"/> <input style="width: 100px; height: 30px; margin-right: 10px;" type="button" value="Submit"/> <input style="width: 100px; height: 30px;" type="button" value="Clear"/>	

Validation for login form



COURT

Court Member Login Form
(For non customer, you must register before book a basketball court)

Username

Password

Do not enter password!

Validation for Profile form (Edit their information)

Profile - Booking - View Booking Logout

Welcome to Court Member Profile
Court Member Profile Form (Edit Profile Only)

First Name (Required)
 Last Name (Required)
 Email Address
 Tel Number
 Address
 City
 Zip Code
 Country

Profile - Booking - View Booking Logout

Welcome to Court Member Profile
Court Member Profile Form (Edit Profile Only)

First Name (Required)
 Last Name (Required)
 Email Address
 Tel Number
 Address
 City
 Zip Code
 Country

Profile - Booking - View Booking Logout

Welcome to Court Member Profile
Court Member Profile Form (Edit Profile Only)

First Name (Required)
 Last Name (Required)
 Email Address
 Tel Number
 Address
 City
 Zip Code
 Country

Profile Booking View Booking


COURT

Welcome to Court Member Profile
Court Member Profile Form (Edit Profile Only)

Name
 —
 —
 —
 —
Phone number (e.g. 020 123 4567)
 Email Address
 Date of Birth

Profile Booking View Booking


COURT

Welcome to Court Member Profile
Court Member Profile Form (Edit Profile Only)

Name
 —
 —
 —
 —
Phone number (e.g. 020 123 4567)
 Email Address
 Date of Birth

Profile Booking View Booking


COURT

Welcome to Court Member Profile
Court Member Profile Form (Edit Profile Only)

Name
 —
 —
 —
 —
Phone number (e.g. 020 123 4567)
 Email Address
 Date of Birth

Profile Booking View Booking


COURT

Validation for Booking form

BOOKING BOOKING View Booking

COURT

Court Member Order Form (Credit Card Only)

First Name:
Last Name:
Middle Name:
Address:
City:
State:
Zip:
Phone Number:
Email Address:
Credit Card Type:
Cardholder Name:
Card Number:
Expiry Date:
CVV:

I accept the terms and conditions.

BOOKING BOOKING View Booking

Court Member Order Form (Credit Card Only)

First Name:
Last Name:
Middle Name:
Address:
City:
State:
Zip:
Phone Number:
Email Address:
Credit Card Type:
Cardholder Name:
Card Number:
Expiry Date:
CVV:

I accept the terms and conditions.

Print | Back | New Booking

Court Member Order Form (Credit Card Only)

First Name:
Last Name:
Middle Name:
Address:
City: State: Zip:
Phone Number:
Email Address:
Comments:
 I accept the [Terms & Conditions](#) and [Privacy Policy](#).



Print | Back | New Booking

Court Member Order Form (Credit Card Only)

First Name:
Last Name:
Middle Name:
Address:
City: State: Zip:
Phone Number:
Email Address:
Comments:
 I accept the [Terms & Conditions](#) and [Privacy Policy](#).



Print | Back | New Booking

Court Member Order Form (Credit Card Only)

First Name:
Last Name:
Middle Name:
Address:
City: State: Zip:
Phone Number:
Email Address:
Comments:
 I accept the [Terms & Conditions](#) and [Privacy Policy](#).



Print | Back | Email | Back

09-09-2010

Gear Member Order Form (Credit Card Only)

M
 F
 S
 Address
 City
 State
 Zip
 Country
 Phone
 Email
 Credit Card
 I am a member
 I am not a member

Validation for View booking (Search form)

Online Booking Other Booking [Logout](#)

"Winners train, Losers complain"

 COURT

Welcome to Court Member Profile

[View Booking for G. Sander](#)

[Help](#)

[View Bookings](#)

Date	From time	To time	Room	Mon	Tue	Wed	Thu	Fri	Sat	Sun
11.11.	10:00	11:00	Court 1	xx	xx	xx	xx	xx	Booked	
12.11.	10:00	11:00	Court 1	xx	xx	xx	xx	xx	Booked	
13.11.	10:00	11:00	Court 1	xx	xx	xx	xx	xx	Booked	

25 Creating a Node Project

Create your own Node project.

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

Create node server is good practice

Outcome	Weight
Option Identification and Application Deployment	♦♦♦♦◊

Create node server is good practice

Date	Author	Comment
2019/09/12 11:39	Achmad Kemal	Ready to Mark
2019/09/17 22:31	Achmad Kemal	hey micheal can you check my work?
2019/09/20 13:23	Michael Hobbs	Hi Achmad.... Should the lines following your 'app.listen(port)' call be wrapped up in braces '{' and '}'?
2019/09/20 13:23	Michael Hobbs	Fix and Resubmit
2019/09/21 11:06	Achmad Kemal	Ready to Mark
2019/09/21 11:06	Achmad Kemal	hey micheal can you check my work?
2019/09/21 11:06	Achmad Kemal	i already resubmit my work again
2019/09/26 13:25	Michael Hobbs	OK, thanks.
2019/09/26 13:26	Michael Hobbs	Also, with the 'app.get'... this is where it handles dynamic creation of code to send back...
2019/09/26 13:27	Michael Hobbs	While the 'app.use' is set up to host static HTML files from the 'public_html' folder.
2019/09/26 13:28	Michael Hobbs	In the get... you should have '/test'... that way when the url 'localhost:3000/test' is issued, the dynamic code will be sent back..in the 'res.send()'
2019/09/26 13:28	Michael Hobbs	Complete

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Creating a Node Project

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/21 11:06

Tutor:

Michael HOBBS

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊
Option Identification and Application Deployment	♦♦♦♦◊

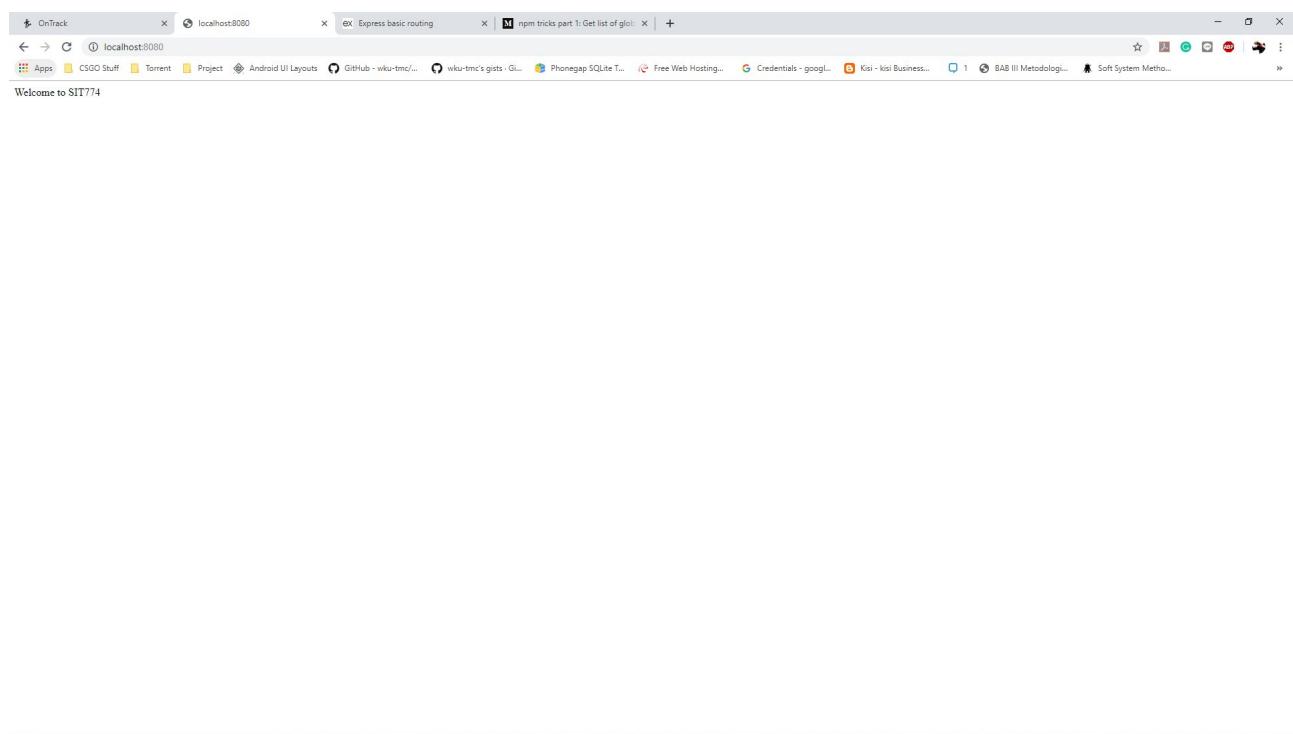
Create node server is good practice

September 21, 2019



```
1 const express = require('express')
2 const app = express()
3 const port = 8080
4
5 app.get('/', (req, res) => res.send('Welcome to SIT774'))
6 app.use(express.static('public_html'))
7
8
9 app.listen(port,function (){
10 console.log("My name is Achmad Mustafa Kemal");
11 console.log("This is for Task 8.1 SIT774");
12 })
```

```
D:\Users\Kemal\Documents\Code\kemalnodeServer81\node_modules>npm list -g -depth 0
D:\Node JS
+-- UNMET DEPENDENCY express@file:node_modules/express
|   +-- accepts@1.3.7
|   +-- array-flatten@1.1.1
|   +-- body-parser@1.19.0
|   +-- content-disposition@0.5.3
|   +-- content-type@1.0.4
|   +-- cookie@0.4.0
|   +-- cookie-signature@1.0.6
|   +-- debug@2.6.9
|   +-- depd@1.1.2
|   +-- encodeurl@1.0.2
|   +-- escape-html@1.0.3
|   +-- etag@1.8.1
|   +-- finalhandler@1.1.2
|   +-- fresh@0.5.2
|   +-- merge-descriptors@1.0.1
|   +-- methods@1.1.2
|   +-- on-finished@2.3.0
|   +-- parseurl@1.3.3
|   +-- path-to-regexp@0.1.7
|   +-- proxy-addr@2.0.5
|   +-- qs@6.7.0
|   +-- range-parser@1.2.1
|   +-- safe-buffer@5.1.2
|   +-- send@0.17.1
|   +-- serve-static@1.14.1
|   +-- setprototypeof@1.1.1
|   +-- statuses@1.5.0
|   +-- type-is@1.6.18
|   +-- utils-merge@1.0.1
|   `-- vary@1.1.2
`-- npm@6.9.0
```



Screenshot of a web browser window showing a local HTML file at <http://localhost:8080/test.html>. The page displays the Golden State Warriors logo, a brief history of their championships, and a copyright notice.

The browser tabs show "OnTrack", "Task B.1", "Express basic routing", and "npm tricks part 1: Get list of global packages". The address bar shows "localhost:8080/test.html". The page content includes:

- Golden State Warriors (In Local Host : 8080)**
- 
- Team History**

Championship	MVP	Year
The Finals 2015	Andre Iguodala	2015
The Finals 2017	Kevin Durant	2017
The Finals 2018	Kevin Durant	2018

- Copyright© 2019 Achmad Mustafa Kemal.
- Home Services News Contact**

26 Writing a Server Application

NodeJS programming

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

Good task

Outcome	Weight
Web Service Design and Implementation	♦♦♦◊◊

Good task

Outcome	Weight
Option Identification and Application Deployment	♦♦♦♦◊

Good task

Date	Author	Comment
2019/09/16 14:56	Achmad Kemal	Ready to Mark
2019/09/16 14:56	Michael Hobbs	Time Exceeded
2019/09/17 22:30	Achmad Kemal	hey michealcan you check my work?
2019/09/20 14:54	Michael Hobbs	He Achmad... Thanks for this.
2019/09/20 14:58	Michael Hobbs	Make sure you indent your source code - to amke it easier for others (me :)) to read and follow.
2019/09/20 14:59	Michael Hobbs	Good work creating a page created dynamically by the server and sent back to the client.
2019/09/20 14:59	Michael Hobbs	Complete

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WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Writing a Server Application

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/16 14:56

Tutor:

Michael HOBBS

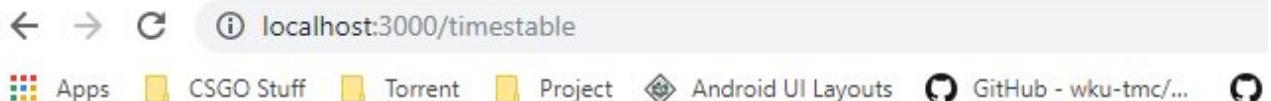
Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦♦♦◊◊
Option Identification and Application Deployment	♦♦♦♦◊

Good task

September 16, 2019



```
1 var express = require('express');
2 var app = express();
3 app.get("/timestable", function(request, response) {
4   //Write your JavaScript code here to generate and display the times table.
5
6   var i = 1,
7       max = 5;
8
9   //set the appropriate HTTP header
10  response.setHeader('Content-Type', 'text/html');
11  response.write('<h2>Javascript Time Tables (Multiple)</h2>');
12  //send multiple responses to the client
13  var times = 1;
14  response.write("<table>");
15  for (a = 1; a <= 9; a++) {
16    response.write("<tr>")
17    for (i = a; i <= 9 && i < (9 + times); i++) {
18      response.write('<td>' + a + ' * ' + i + ' = ' + (a * i) + '</td>');
19    }
20    response.write('</tr>')
21    times++;
22  }
23
24  response.end();
25 });
26 //app.use(express.static('public_html'));
27 app.listen(3000, function () {
28   console.log("My name is Achmad Mustafa Kemal");
29   console.log("This is task 8.2");
30   console.log("Web server running at: http://localhost:3000");
31   console.log("Press Ctrl+C to shut down the web server");
32 });
```



27 Writing a Multi-Task Server Application

NodeJS programming

Outcome	Weight
Explain Web Technologies	♦♦♦◊◊

Node js provide us to create own server

Outcome	Weight
Client-side Application Design and Development	♦♦♦◊◊

Node js provide us to create own server

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

Node js provide us to create own server

Outcome	Weight
Achieved Outcome Justification	♦♦♦♦◊

Node js provide us to create own server

Date	Author	Comment
2019/09/16 19:22	Achmad Kemal	Ready to Mark
2019/09/16 19:22	Michael Hobbs	Time Exceeded
2019/09/17 22:30	Achmad Kemal	hey micheal can you check my work?
2019/09/20 15:32	Michael Hobbs	OK... be careful with your definition of variables....
2019/09/20 15:33	Michael Hobbs	What is 'max' used for?
2019/09/20 15:33	Michael Hobbs	Complete
2019/09/20 16:38	Achmad Kemal	Ehh i forgot to delete
2019/09/20 16:39	Achmad Kemal	max variable just try something new but i decided to not use
2019/09/20 16:39	Achmad Kemal	and forgot to delete
2019/09/26 08:51	Michael Hobbs	OK, thanks.

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Writing a Multi-Task Server Application

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/16 19:22

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦◊◊
Client-side Application Design and Development	♦♦♦◊◊
Web Service Design and Implementation	♦♦♦♦◊
Achieved Outcome Justification	♦♦♦♦◊

Node js provide us to create own server

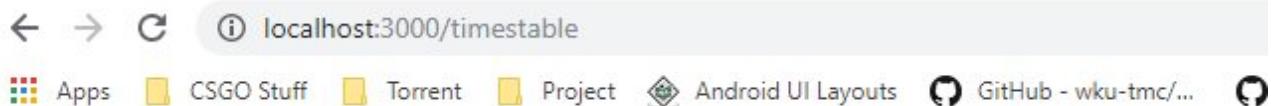
September 16, 2019



```
1 var express = require('express');
2 var app = express();
3 app.get("/timestable", function(request, response) {
4     //Write your JavaScript code here to generate and display thetimes table.
5
6     var i = 1,
7         max = 5;
8
9     //set the appropriate HTTP header
10    response.setHeader('Content-Type', 'text/html');
11    response.write('<h2>Javascript Time Tables (Multiple)</h2>');
12    //send multiple responses to the client
13    var times = 1;
14    response.write("<table>");
15    for (a = 1; a <= 9; a++) {
16        response.write("<tr>")
17        for (i = a; i <= 9 && i < (9 + times); i++) {
18            response.write('<td>' + a + ' * ' + i + ' = ' + (a * i) + '</td>');
19        }
20        response.write('</tr>')
21        times++;
22    }
23
24    response.end();
25 });
26
27 app.get("/additiontable", function(request, response) {
28     //Write your JavaScript code here to generate and display thetimes table.
29
30     var i = 1,
31         max = 5;
32
33     //set the appropriate HTTP header
34     response.setHeader('Content-Type', 'text/html');
35     response.write('<h2>Javascript Time Tables (Addition)</h2>');
36     //send multiple responses to the client
37     var times = 1;
38     response.write("<table>");
39     for (a = 1; a <= 9; a++) {
40         response.write("<tr>")
41         for (i = a; i <= 9 && i < (9 + times); i++) {
42             response.write('<td>' + a + ' + ' + i + ' = ' + (a + i) + '</td>');
43         }
44         response.write('</tr>')
45         times++;
46     }
47
48     response.end();
49 });
50 //app.use(express.static('public_html'));
51 app.listen(3000, function () {
52     console.log("My name is Achmad Mustafa Kemal");
53     console.log("This is task 8.3");
```

```
54     console.log("Web server running at: http://localhost:3000");
55     console.log("Press Ctrl+C to shut down the web server");
56 });


```



Javascript Time Tables (Multiple)

1 * 1 = 1 1 * 2 = 2 1 * 3 = 3 1 * 4 = 4 1 * 5 = 5 1 * 6 = 6 1 * 7 = 7 1 * 8 = 8 1 * 9 = 9
2 * 2 = 4 2 * 3 = 6 2 * 4 = 8 2 * 5 = 10 2 * 6 = 12 2 * 7 = 14 2 * 8 = 16 2 * 9 = 18
3 * 3 = 9 3 * 4 = 12 3 * 5 = 15 3 * 6 = 18 3 * 7 = 21 3 * 8 = 24 3 * 9 = 27
4 * 4 = 16 4 * 5 = 20 4 * 6 = 24 4 * 7 = 28 4 * 8 = 32 4 * 9 = 36
5 * 5 = 25 5 * 6 = 30 5 * 7 = 35 5 * 8 = 40 5 * 9 = 45
6 * 6 = 36 6 * 7 = 42 6 * 8 = 48 6 * 9 = 54
7 * 7 = 49 7 * 8 = 56 7 * 9 = 63
8 * 8 = 64 8 * 9 = 72
9 * 9 = 81

Javascript Time Tables (Addition)

1 + 1 = 2 1 + 2 = 3 1 + 3 = 4 1 + 4 = 5 1 + 5 = 6 1 + 6 = 7 1 + 7 = 8 1 + 8 = 9 1 + 9 = 10
2 + 2 = 4 2 + 3 = 5 2 + 4 = 6 2 + 5 = 7 2 + 6 = 8 2 + 7 = 9 2 + 8 = 10 2 + 9 = 11
3 + 3 = 6 3 + 4 = 7 3 + 5 = 8 3 + 6 = 9 3 + 7 = 10 3 + 8 = 11 3 + 9 = 12
4 + 4 = 8 4 + 5 = 9 4 + 6 = 10 4 + 7 = 11 4 + 8 = 12 4 + 9 = 13
5 + 5 = 10 5 + 6 = 11 5 + 7 = 12 5 + 8 = 13 5 + 9 = 14
6 + 6 = 12 6 + 7 = 13 6 + 8 = 14 6 + 9 = 15
7 + 7 = 14 7 + 8 = 15 7 + 9 = 16
8 + 8 = 16 8 + 9 = 17
9 + 9 = 18

28 Send a Response to the Received Data

NodeJS programming

Outcome	Weight
Explain Web Technologies	◆◆◆◆◇

Node js can give us respond method that useful if the user want to store value in the form

Outcome	Weight
Client-side Application Design and Development	◆◆◆◆◇

Node js can give us respond method that useful if the user want to store value in the form

Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◇

Node js can give us respond method that useful if the user want to store value in the form

Date	Author	Comment
2019/09/17 00:35	Achmad Kemal	Ready to Mark
2019/09/17 00:46	Achmad Kemal	Ready to Mark
2019/09/17 22:31	Achmad Kemal	hey michealcan you check my work?
2019/09/26 15:44	Michael Hobbs	Fix and Resubmit
2019/09/26 15:47	Michael Hobbs	All good! Thanks
2019/09/26 15:47	Michael Hobbs	Complete

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Send a Response to the Received Data

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/17 00:46

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦♦♦♦◊

Node.js can give us `res.send` method that is useful if the user wants to store value in the form

September 17, 2019



```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3 var app = express()
4
5 //now any files in public are routed
6 app.use(express.static('public'))
7
8 //Here we are configuring express to use body-parser as middle-ware.
9 app.use(bodyParser.urlencoded({ extended: false }));
10
11 app.get("/form", function(request, response) {
12     response.sendFile(__dirname + '/public_html/form/index.html')
13 });
14
15 // REST endpoint for posting a new user
16 app.post('/users', function (req, res, next) {
17     let username = req.body.name;
18     let password = req.body.password;
19     let comment = req.body.comment;
20     let option = req.body.optradio;
21
22     res.setHeader('Content-Type', 'text/html');
23     res.write('<h1>Thank you for completing our Online Survey</h1>');
24     res.write(`<p><b><font size="6">Your password  
→ is:</b> ${username}</font></p>`);
25     res.write(`<br>`);
26     res.write(`<p><b><font size="6">Your password  
→ is:</b> ${password}</font></p>`);
27     res.write(`<br>`);
28     res.write(`<p><b><font size="6">Your comments are:  
→ </b>${comment}</font></p>`);
29     res.write(`<br>`);
30     res.write(`<p><b><font size="6">Your Option is: </b>${option}</font></p>`);
31     res.write(`<font size="6"><a href="/form">Congratulations!</a></font>`);
32
33
34     console.log("Just received POST data for users endpoint!");
35     console.log(`Data includes: ${username}, ${password} and ${comment}`);
36 });
37
38 app.listen(3000, function () {
39     console.log("My name is Achmad Mustafa Kemal");
40     console.log("This is task 9.1");
41     console.log("Web server running at: http://localhost:3000");
42     console.log("Press Ctrl+C to shut down the web server");
43 })
```

localhost:3000/form

My First Express Server For Task 9.1

Name:

Kobe Bryant

Password:

.....

Comment:

Happy to study this course from Deakin University. Good experience!

Option 1 Option 2 Option 3

Submit

A screenshot of a web browser window titled "localhost:3000/users". The page content is as follows:

Thank you for completing our Online Survey

Your password is: Kobe Bryant

Your password is: ILoveDeakin

Your comments are: Happy to study this course from Deakin University.Good experience!

Your Option is: 1

Congratulations!

29 Create a Response Page

NodeJS programming

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊

Good task

Outcome	Weight
Client-side Application Design and Development	♦♦♦◊◊

Good task

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

Good task

Date	Author	Comment
2019/09/19 13:48	Achmad Kemal	Ready to Mark
2019/09/19 16:48	Achmad Kemal	Ready to Mark
2019/09/20 15:51	Michael Hobbs	Great work with this Achmad!!
2019/09/20 15:51	Michael Hobbs	Complete

Create a Response Page

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/19 16:48

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦◊◊
Web Service Design and Implementation	♦♦♦♦◊

Good task

September 19, 2019



```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3 var app = express()
4
5 //now any files in public are routed
6 app.use(express.static('public'))
7
8 //Here we are configuring express to use body-parser as middle-ware.
9 app.use(bodyParser.urlencoded({ extended: false }));
10
11 app.get("/form", function(request, response) {
12     response.sendFile(__dirname + '/public_html/survey_form/index.html')
13 });
14
15 // REST endpoint for posting a new user
16 app.post('/survey', function (req, res, next) {
17     let dayofbirth = req.body.dayofbirth;
18     let monthofbirth = req.body.monthofbirth;
19
20     //Array for Month
21     let months = [ "", "January", "February", "March", "April", "May", "June", "July", "Augu
22     ↵ st", "September", "October", "November", "December" ];
23
24     //Array for complete year
25     let completeyear = [ "", "Before 2010", "After 2010", "Never" ];
26
27     //If statement for checkbox
28     let cometods = '';
29     if( cometodeakin1!=null)
30         cometods +=cometodeakin1 + ',';
31     if (cometodeakin2 != null)
32         cometods +=cometodeakin2 + ',';
33     if (cometodeakin3 != null)
34         cometods +=cometodeakin3 + ',';
35     if (cometodeakin4 != null)
36         cometods +=cometodeakin4 + ',';
37     if (cometodeakin5 != null)
38         cometods +=cometodeakin5+ ',';
39     if (cometodeakin6 != null)
40         cometods +=cometodeakin6+',';
41
42     let yearofbirth = req.body.yearofbirth;
43     let postcode = req.body.postcode;
44     let gender = req.body.gender;
45     let startprimary = req.body.startprimary;
46     let completeyear12 = req.body.completeyear12;
47     let fulltime = req.body.fulltime;
48     let parttime = req.body.parttime;
49     let cometodeakin1 = req.body.cometodeakin1;
50     let cometodeakin2 = req.body.cometodeakin2;
51     let cometodeakin3 = req.body.cometodeakin3;
52     let cometodeakin4 = req.body.cometodeakin4;
```

```
53     let cometodeakin5 = req.body.cometodeakin5;
54     let cometodeakin6 = req.body.cometodeakin6;
55
56
57     res.setHeader('Content-Type', 'text/html');
58     res.write('<body style="background-color:powderblue; ">');
59     res.write('<h1 style="color:red; font-family:verdana;">Thank you for completing
      ↵ our Online Survey</h1>');
60     res.write(`<p style="font-family:verdana;"><font size="6" color="red">You
      ↵ were born on the <b>${dayofbirth}<_
      ↵ /b> of <b>${months[monthofbirth]}</b> in<b> ${yearofbirth}</b> </font></p>`);
61     res.write(`<br>`);
62     res.write(`<p style="font-family:verdana;"><font size="6" color="red">Your
      ↵ postcode is: <b>${postcode}</b></font></p>`);
63     res.write(`<br>`);
64     res.write(`<p style="font-family:verdana;"><font size="6" color="red">Your
      ↵ gender is: <b>${gender}</b></font></p>`);
65     res.write(`<br>`);
66     res.write(`<p style="font-family:verdana;"><font size="6" color="red">You
      ↵ started your primary school in: <b>${startprimary}</b></font></p>`);
67     res.write(`<br>`);
68     res.write(`<p style="font-family:verdana;"><font size="6" color="red">You
      ↵ completed year 12: <b>${completeyear[completeyear12]}</b></font></p>`);
69     res.write(`<br>`);
70     res.write(`<p style="font-family:verdana;"><font size="6" color="red">You
      ↵ currently employed full-time: <b>${fulltime}</b></font></p>`);
71     res.write(`<br>`);
72     res.write(`<p style="font-family:verdana;"><font size="6" color="red">You
      ↵ currently employed part-time: <b>${parttime}</b></font></p>`);
73     res.write(`<br>`);
74     res.write(`<p style="font-family:verdana;"><font size="6" color="red">You
      ↵ come to Deakin from the idea of: <b>${cometods}</b></font></p>`);
75     res.write(`<p style="font-family:verdana;"><b><font size="6"
      ↵ color="red">Congratulations!</font></b></p>`);
76     res.write(`</body>`)
77
78     console.log("Just received POST data for users endpoint!");
79     console.log(`Data includes: ${dayofbirth} , ${months[monthofbirth]},
      ↵ ${yearofbirth},${postcode},${gender},${startprimary},${completeyear12},${fulltime},
      ↵ ${parttime},${cometods}`);
80   });
81
82   app.listen(3000, function () {
83     console.log("My name is Achmad Mustafa Kemal");
84     console.log("This is task 9.2");
85     console.log("Web server running at: http://localhost:3000");
86     console.log("Press Ctrl+C to shut down the web server");
87 })
```

← → ⌂ ⓘ localhost:3000/form

Apps CSGO Stuff Torrent Project Android UI Layouts GitHub - wku-tmc/... wku-tr

1. What is your date of birth?

2. What is the postcode at your current home address?

3. What is your gender? Female Male

4. In what year did you start primary school?

5. When did you complete Year 12?

6. Are you currently employed full-time (20 hours or more per week)? Yes No

7. Are you currently employed part-time (less than 20 hour per week)? Yes No

8. Whose idea was it that you come to Deakin University? [Please tick as many boxes as appropriate.]

My own
 One of my parents
 A teacher
 A friend
 A relative
 A friend of my parents

To submit the form, press this button:

To clear (reset) the form, press this button:

The screenshot shows a browser window with the URL `localhost:3000/survey` in the address bar. The page content is displayed in red text on a light blue background.

Thank you for completing our Online Survey

You were born on the **1st of March in 1997**

Your postcode is: **1234**

Your gender is: **male**

You started your primary school in: **2002**

You completed year 12: **Before 2010**

You currently employed full-time: **yes**

You currently employed part-time: **no**

You come to Deakin from the idea of: **mine,parents,teacher,
Congratulations!**

30 Create a Response Page for Website Project

NodeJS programming for your website

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

Response page is show us a value that input in the form

Outcome	Weight
Option Identification and Application Deployment	♦♦♦♦◊

Response page is show us a value that input in the form

Outcome	Weight
Achieved Outcome Justification	♦♦♦♦◊

Response page is show us a value that input in the form

Date	Author	Comment
2019/09/17 22:29	Achmad Kemal	Ready to Mark
2019/09/17 22:29	Achmad Kemal	Feedback form is inside index.html because I just use one index.html to control my website project
2019/09/17 22:31	Achmad Kemal	hey michealcan you check my work?
2019/09/18 00:35	Achmad Kemal	Ready to Mark
2019/09/18 00:36	Achmad Kemal	In my node js file (court.js), i always put response for many page in my website
2019/10/01 10:30	Michael Hobbs	Ahh... great work Achmad!
2019/10/01 10:30	Michael Hobbs	Doing well!
2019/10/01 10:30	Michael Hobbs	Complete

Create a Response Page for Website Project

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/09/18 00:35

Tutor:

Michael HOBBS

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊
Option Identification and Application Deployment	♦♦♦♦◊
Achieved Outcome Justification	♦♦♦♦◊

Response page is show us a value that input in the form

September 18, 2019



```
1  <!DOCTYPE html>
2  <html lang="en">
3      <!DOCTYPE html>
4      <div lang="en">
5          <head>
6              <title>SIT774 Project</title>
7              <meta charset="utf-8">
8              <meta name="viewport" content="width=device-width, initial-scale=1">
9              <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
10             <link href="https://fonts.googleapis.com/css?family=Montserrat" type="text/css">
11             <link href="https://fonts.googleapis.com/css?family=Lato" type="text/css">
12             <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
13             <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
14             <script src='https://www.google.com/recaptcha/api.js' async defer></script>
15             <style>
16                 .jumbotron{
17                     /* background: url("sneaker.jpg") no-repeat center center;
18                     /* background-size: cover;
19                     min-height: 800px; */
20                     background-color: black;
21                     font-family: Trebuchet MS, sans-serif;
22                     padding: 100px 25px;
23                 }
24                 .logo{
25                     display: flex;
26                     justify-content: center;
27                     /* align-items: center; */
28                     position: relative;
29                 }
30                 .head{
31                     font-family: Trebuchet MS, sans-serif;
32                     font-size: 40px !important;
33                 }
34                 .bp{
35                     font-size: 20px !important;
36                 }
37                 .body{
38                     font: 400 15px Lato, sans-serif;
39                 }
40                 .navbar{
41                     margin-bottom: 0;
```

```
48         border-radius: 0;
49         background-color:black;
50         font-size: 23px !important;
51         font-family: Trebuchet MS, sans-serif;
52         font-size: 18px !important;
53         line-height: 1.42857143 !important;
54         letter-spacing: 4px;
55     }
56     .affix {
57     top: 0;
58     width: 100%;
59     z-index: 9999 !important;
60   }
61
62     .affix + .container-fluid {
63     padding-top: 70px;
64   }
65     .thumbnail {
66     padding: 0 0 30px 0;
67     border: none;
68     border-radius: 0;
69     background-color: black;
70   }
71     .thumbnail1 {
72     padding: 0 0 40px 0;
73     border: none;
74     border-radius: 0;
75     background-color:red;
76   }
77     .thumbnail2 {
78     padding: 0 0 60px 0;
79     border: none;
80     border-radius: 0;
81     background-color:red;
82   }
83     .navbar li a, .navbar .navbar-brand {
84       color:white !important;
85   }
86     .navbar-nav li a:hover, .navbar-nav li.active a {
87       color: black !important;
88       background-color:red !important;
89   }
90     .well {
91   }
92       height: 400px;
93       width: 80%;
94       background-color:black;
95   }
96
97     .center_form
98   {
99     margin: 0 auto;
100    width:40% /* value of your choice which suits your alignment */
```

```
101      }
102      .content {
103        padding: 16px;
104      }
105      .sticky {
106        position: fixed;
107        top: 0;
108        width: 100%;
109      }
110      .sticky + .content {
111        padding-top: 60px;
112      }
113      .bg-color {
114        background-color: red;
115      }
116      .bg-color1{
117        background-color: white;
118      }
119      .bg-color2{
120        background-color: black;
121      }

122
123      @keyframes slide {
124        0%
125      {
126        opacity: 0;
127        transform: translateY(70%);
128      }
129        100% {
130          opacity: 1;
131          transform: translateY(0%);
132        }
133      }
134      .thumbnail img {
135        width: 100%;
136        height: 100%;
137        margin-bottom: 10px;
138      }
139      .btn-primary-outline {
140        background-color: transparent;
141        border-color: #ccc;
142      }
143      .button1
144      {
145        font-size: 13px;
146        color: white;
147      }
148      .button3
149      {
150        background-color: white;
151        font-size: 20px;
152        color:black;
153      }
```

```
154         .button3:hover {
155             background-color: red;
156             color: white;
157         }
158         .bsize
159         {
160             padding: 7px 30px;
161         }
162     }
163
164
165     </style>
166     <script>
167     $(document).ready(function(){
168         // Add smooth scrolling to all links in navbar + footer link
169         $(".navbar a, footer a[href='#myPage']").on('click',
170             function(event) {
171                 // Make sure this.hash has a value before overriding default
172                 // behavior
173                 if (this.hash !== "") {
174                     // Prevent default anchor click behavior
175                     event.preventDefault();
176
177                     // Store hash
178                     var hash = this.hash;
179
180                     // Using jQuery's animate() method to add smooth page scroll
181                     // The optional number (900) specifies the number of
182                     // milliseconds it takes to scroll to the specified area
183                     $('html, body').animate({
184                         scrollTop: $(hash).offset().top
185                     }, 900, function(){
186
187                         // Add hash (#) to URL when done scrolling (default click
188                         // behavior)
189                         window.location.hash = hash;
190                     });
191                 } // End if
192             });
193         })
194
195         //Google Captcha
196         var captchaContainer = null;
197         var loadCaptcha = function() {
198             captchaContainer = grecaptcha.render('captcha_container', {
199                 'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwIcvv',
200                 'callback' : function(response) {
201                     alert(response);
202                 }
203             });
204         };
205         </script>
206         <!-- Validation for search form -->
```

```
203 <script>
204     function validation1() {
205         if (document.getElementById("search").value.length == 0) {
206             document.getElementById("message4").innerHTML = "<em> You did not
207             ↵ enter value in the search form</em>";
208             return false;
209         }
210
211         return true;
212     }
213 </script>
214     <!-- Validation for feedback form --&gt;
215 &lt;script&gt;
216     function validation2()
217     {
218         var mailformat = /^w+([\.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
219         var emailvalue = document.getElementById("email").value;
220         if (document.getElementById("name").value.length == 0) {
221             document.getElementById("message5").innerHTML = "&lt;em&gt; You did not
222             ↵ enter name&lt;/em&gt;";
223             return false;
224         }
225         if (!emailvalue.match(mailformat)){
226             document.getElementById("message6").innerHTML = "&lt;em&gt; please enter
227             ↵ email contain @gmail.com only&lt;/em&gt;";
228             return false;
229         }
230         if (document.getElementById("comments").value.length &lt; 5) {
231             document.getElementById("message7").innerHTML = "&lt;em&gt; Mininum 5
232             ↵ characters&lt;/em&gt;";
233             return false;
234         }
235         return true;
236     }
237 &lt;/script&gt;
238     <!-- Validation for register form --&gt;
239 &lt;script&gt;
240     function validation3()
241     {
242         var mailformat = /^w+([\.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
243         var emailvalue = document.getElementById("email1").value;
244
245         var phoneno = /^[+]*[()]{0,1}[0-9]{1,4}[]]{0,1}[-\s\.]{0-9}*$/g;
246         var phone_val = document.getElementById("phone").value;
247
248         var response = grecaptcha.getResponse();
249
250         if (document.getElementById("username").value.length == 0) {
251             document.getElementById("message8").innerHTML = "&lt;em&gt; You did not
252             ↵ create a username&lt;/em&gt;";
253             return false;
254         }
255     }
256 </pre>
```

```
251     if (document.getElementById("password").value.length < 1) {  
252         document.getElementById("message9").innerHTML = "<em> You should  
253             ↳ input more than 1 character</em>";  
254         return false;  
255     }  
256     if (document.getElementById("fname").value.length == 0) {  
257         document.getElementById("message10").innerHTML = "<em> You did not  
258             ↳ enter firstname</em>";  
259         return false;  
260     }  
261     if (document.getElementById("lname").value.length == 0) {  
262         document.getElementById("message11").innerHTML = "<em> You did not  
263             ↳ enter lastname</em>";  
264         return false;  
265     }  
266     if(!emailvalue.match(mailformat)){  
267         document.getElementById("message12").innerHTML = "<em> please enter  
268             ↳ email contain @gmail.com only</em>";  
269         return false;  
270     }  
271     if(!phone_val.match(phoneeno)){  
272         document.getElementById("message13").innerHTML = "<em> Please enter  
273             ↳ correct number</em>";  
274         return false;  
275     }  
276     if (document.getElementById("gender").value.length == 0) {  
277         document.getElementById("message14").innerHTML = "<em> Please  
278             ↳ choose one gender</em>";  
279         return false;  
280     }  
281     if(response.length == 0) {  
282         document.getElementById("message15").innerHTML = "<em> Please tick  
283             ↳ re captcha</em>";  
284         return false;  
285     }  
286     return true;  
287 }  
288 </script>  
289  
290 <!-- Validation for login form -->  
291 <script>  
292     function validation4()  
293     {  
294         if (document.getElementById("lusername").value.length == 0) {  
295             document.getElementById("message16").innerHTML = "<em> You  
296                 ↳ did not enter username</em>";  
297             return false;  
298         }  
299         if (document.getElementById("lpassword").value.length == 0) {  
300             document.getElementById("message17").innerHTML = "<em> You  
301                 ↳ did not enter password</em>";  
302             return false;  
303         }  
304     }
```

```
295         }
296     </script>
297
298     </head>
299     <body>
300         <div id="base">
301             <!-- Top of website -->
302             <div class="jumbotron text-center img-responsive"
303                 style="margin-bottom: 0">
304                 <div class="logo">
305                     
306                 </div>
307                 <h1 style="text-align: center; color:white;"><i>"Winners
308                     train, Losers complain"</i></h1>
309             </div>
310             <!-- Navbar -->
311             <nav class="navbar navbar-inverse navbar-fixed-top"
312                 data-spy="affix" data-offset-top="60">
313                 <div class="container-fluid">
314                     <div class="navbar-header">
315                         <button type="button" class="navbar-toggle"
316                             data-toggle="collapse" data-target="#myNavbar">
317                             <span class="icon-bar"></span>
318                             <span class="icon-bar"></span>
319                             <span class="icon-bar"></span>
320                         </button>
321                     </div>
322                     <div class="collapse navbar-collapse" id="myNavbar">
323                         <ul class="nav navbar-nav">
324                             <li><a href="#home"><b>Home</b></a></li>
325                             <li><a href="#services"><b>Services</b></a></li>
326                             <li><a href="#feedback"><b>Feedback</b></a></li>
327                             <li><a href="#news"><b>News</b></a></li>
328                             <li><a href="#contact"><b>Contact</b></a></li>
329                             <li><a href="#registration"><span class="glyphicon
330                                 glyphicon-user"></span><b>Register</b></a></li>
331                         </ul>
332                         <ul class="nav navbar-nav navbar-right">
333                             <li><a href="#login"><span class="glyphicon
334                                 glyphicon-log-in"></span><b>Login</b></a></li>
335                         </ul>
336                     </div>
337                 </div>
338             <!-- Home Section -->
339             <div id="home" class="container-fluid center_form">
340                 <div class="row">
341                     <div class="col-sm-12">
```

```
342 <p class="head">Welcome</p><br>
343 <p class="bp">Lorem ipsum dolor sit amet, consectetur
→ adipiscing elit, sed do eiusmod tempor incididunt ut
→ labore et dolore magna aliqua. Ut enim ad minim veniam,
→ quis nostrud exercitation ullamco laboris nisi ut aliquip
→ ex ea commodo consequat.</p><br>
344 <p class="bp">Lorem ipsum dolor sit amet, consectetur
→ adipiscing elit, sed do eiusmod tempor incididunt ut
→ labore et dolore magna aliqua. Ut enim ad minim veniam,
→ quis nostrud exercitation ullamco laboris nisi ut aliquip
→ ex ea commodo consequat. Excepteur sint occaecat
→ cupidatat non proident, sunt in culpa qui officia
→ deserunt mollit anim id est laborum consectetur
→ adipiscing elit, sed do eiusmod tempor incididunt ut
→ labore et dolore magna aliqua. Ut enim ad minim veniam,
→ quis nostrud exercitation ullamco laboris nisi ut aliquip
→ ex ea commodo consequat.</p>
345 <hr>
346 <br>
347 </div>
348 </div>
349 </div>
350 <br>
351 <br>
352 <br>
353 <br>
354 <br>
355 <!-- Services Section -->
356 <div id="services" class="container-fluid text-center bg-color">
357 <h2 style="color: white;"><b>SERVICES</b></h2><br>
358 <br>
359 <h4 style="color: white;"><i>Search a Court</i></h4>
360 <form class="form-horizontal container" action="#">
→ onsubmit="return validation1()">
361 <input class="form-control mr-sm-2" type="text" id="search"
→ placeholder="Search" aria-label="Search">&ampnbsp;
362 <button class="btn btn-primary-outline button1"
→ type="submit">Search</button>
363
364 </form>
365 <span id="message4" style="color:white"></span>
366 <br>
367 <br>
368 <div class="row text-center">
369 <div class="col-sm-4">
370 <div class="thumbnail">
371 
372 <p style="color: white;"><strong>Steph Curry
→ Court</strong></p>
373 <p style="color: white;">The Court known as "Splash
→ Court"</p>
374 <a type="button" href="#login" class="btn
→ btn-primary-outline button1">Book Now</a>
```

```
375             </div>
376         </div>
377         <div class="col-sm-4">
378             <div class="thumbnail">
379                 
381                 <p style="color: white;"><strong>Micheal Jordan
382                     ↵ Court</strong></p>
383                 <p style="color: white;">The Court known as "Airplane
384                     ↵ Mode Court"</p>
385                 <a type="button" href="#login" class="btn
386                     ↵ btn-primary-outline button1">Book Now</a>
387             </div>
388         </div>
389         <div class="col-sm-4">
390             <div class="thumbnail">
391                 
393                 <p style="color: white;"><strong>Lebron James
394                     ↵ Court</strong></p>
395                 <p style="color: white;">The Court known as "King
396                     ↵ Court"</p>
397                 <a type="button" href="#login" class="btn
398                     ↵ btn-primary-outline button1">Book Now</a>
399             </div>
400         </div>
401         <br>
402         <br>
403         <br>
404         <br>
405         <br>
406         <br>
407         <br>
408         <br>
409         <br>
410         <br>
411     </div>
412     <!-- Feedback section -->
413     <div id="feedback" class="container-fluid bg-color1">
414         <h2 style="text-align: center; color: black;"><b>Court Feedback
415             ↵ Service</b></h2>
416         <br>
417         <br>
418         <br>
419         <form action="/feedbackform" method="post" onsubmit="return
420             ↵ validation2()">
421             <div class="col-sm-12">
422                 <div class="row">
423                     <div class="col-sm-6 form-group">
424                         <input class="form-control" id="name" name="username"
425                             ↵ placeholder="Enter Name" type="text">
426                         <span id="message5" style="color: red"></span>
427                     </div>
428                     <div class="col-sm-6 form-group">
429                         <input class="form-control" id="email" name="useremail"
430                             ↵ placeholder="Enter Email" type="text">
431                     </div>
432                 </div>
433             </div>
434         </form>
435     </div>
```

```
417             <span id="message6" style="color: red"></span>
418         </div>
419     </div>
420     <textarea class="form-control" id="comments"
421       ↪   name="usercomment" placeholder="Comments"
422       ↪   rows="12"></textarea><br>
423     <span id="message7" style="color: red"></span>
424     <div class="row ">
425         <div class="center_form">
426             </div>
427         <div class="container-fluid">
428             <button class="btn btn-default pull-right button3 bsize"
429               ↪   type="submit">Send</button>
430         </div>
431         <br>
432         <br>
433         <br>
434         <br>
435     </form>
436 
437     <!-- News section -->
438     <div id="news" class="container-fluid text-center bg-color2">
439         <h2 style="color:white;"><b>NEWS</b></h2><br>
440         <br>
441         <br>
442         <br>
443         <div class="row text-center">
444             <div class="col-sm-4">
445                 <div class="thumbnail thumbnail2">
446                     <div class="embed-responsive embed-responsive-4by3">
447                         <video controls class="embed-responsive-item" >
448                             <source src="cury.mp4" type="video/mp4">
449                         </video>
450                     </div>
451                     <p style="color: white;"><strong>Steph Curry release
452                         ↪   new shoe</strong></p>
453                     <p style="color: white;">The latest update in Stephen
454                         ↪   Curry's signature footwear line is officially
455                         ↪   complete. Programmed for maximum unpredictability,
456                         ↪   the lightweight, precision-fitting Curry 5 was
457                         ↪   developed to help Stephen optimize his on-court
458                         ↪   performance.</p>
459                     </div>
460                 </div>
461                 <div class="col-sm-4">
462                     <div class="thumbnail thumbnail1">
463                         <div class="embed-responsive embed-responsive-4by3">
464                             <video controls class="embed-responsive-item" >
465                             <source src="rw.mp4" type="video/mp4">
466                         </video>
```

```
461          </div>
462      <p style="color: white;"><strong>Russel Westbrook
463          ← release new shoe</strong></p>
464      <p style="color: white;">The Jordan "Why Not" Zer0.2
465          ← shoe, designed with the help of Russell Westbrook,
466          ← is where form meets function. Russell and MJ put in
467          ← a lot of work to get a high-performing shoe along
468          ← with a fashionable look. The thought process shows
469          ← even in the way the outsole comes up and hugs the
470          ← mid and upper providing extra stability. This shoe
471          ← and its colorful cousins may become classics all
472          ← their own.</p>
473      </div>
474  </div>
475  <div class="col-sm-4">
476      <div class="thumbnail thumbnail2">
477          <div class="embed-responsive embed-responsive-4by3">
478              <video controls class="embed-responsive-item" >
479                  <source src="lebron.mp4" type="video/mp4">
480              </video>
481          </div>
482      <p style="color: white;"><strong>Lebron James promise
483          ← School</strong></p>
484      <p style="color: white;">I Promise School is a public
485          ← elementary school in Akron, Ohio, opened in 2018,
486          ← supported by the LeBron James Family Foundation,
487          ← and specifically aimed at at-risk children. Opening
488          ← with students attending grades three and four, the
489          ← school will be fully operational by 2022,
490          ← eventually teaching grades one through eight.</p>
491      </div>
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494         <p style="text-align: left; color:white; font-size:  
495             ↵ 20px;"><span class="glyphicon  
496             ↵ glyphicon-phone"></span> +00 1515151515</p>  
497         <p style="text-align: left; color:white; font-size:  
498             ↵ 20px;"><span class="glyphicon  
499             ↵ glyphicon-envelope"></span> myemail@something.com</p>  
500     </div>  
501     <div class="col-sm-4">  
502         <div class="logo">  
503               
504         </div>  
505         </div>  
506         <!-- This is still image but We use Google API in the  
507             ↵ future -->  
508         <!-- Updated: Google map Api implemented-->  
509         <h2 style="color: white;"><b>Our Map Location</b></h2>  
510         <!--  -->  
512     </div>  
513     <!-- Registration Section -->  
514     <div id="registration" class="container-fluid" align="center">  
515         <br>  
516         <br>  
517         <div class="logo">  
518               
519         </div>  
520         <h2>Court Member Registration Form</h2>  
521  
522         <form action="/registerform" method="post" onsubmit="return  
523             ↵ validation3()">  
524             <div class="form-group">  
525                 <label for="username"></label>  
526                 <input style="width:50%" type="text" id="username"  
527                     ↵ name="cusername" class="form-control"  
528                     ↵ placeholder="Enter Username" maxlength="10" >  
529                 <span id="message8" style="color: red;"></span>  
530             </div>  
531             <div class="form-group">  
532                 <label for="password"></label>  
533                 <input style="width:50%" type="password" id="password"  
534                     ↵ name="cpassword" class="form-control"  
535                     ↵ placeholder="Enter Password" maxlength="15" >  
536                 <span id="message9" style="color: red;"></span>  
537             </div>  
538             <div class="form-group">  
539                 <label for="firstname"></label>
```

```
535         <input style="width:50%" type="text" id="fname"
536             ↵  name="cffirstname" class="form-control"
537             ↵  placeholder="Enter Firstname" >
538         <span id="message10" style="color: red;"></span>
539     </div>
540     <div class="form-group">
541         <label for="lastname"></label>
542         <input style="width:50%" type="text" id="lname" name="cl_
543             ↵  astname" class="form-control" placeholder="Enter
544             ↵  Lastname" >
545         <span id="message11" style="color: red;"></span>
546     </div>
547     <div class="form-group">
548         <label for="email"></label>
549         <input class="form-control" id="email11" name="cemail"
550             ↵  placeholder="Enter Email" type="text" style="width:
551             ↵  50%">
552         <span id="message12" style="color: red;"></span>
553     </div>
554
555     <div class="form-group" >
556         <label for="contact"></label>
557         <input style="width:50%" type="text" class="form-control"
558             ↵  id="phone" name="ccontact" placeholder="Enter Phone"
559             ↵  name="phone">
560         <span id="message13" style="color: red;"></span>
561     </div>
562
563     <div class="form-group">
564         <label for="gender"></label><select class="form-control" id
565             ↵  ="gender" name="cgender" style="width:50%">
566             <option disabled selected value>Choose an
567                 ↵  option</option>
568             <option value="Male">Male </option>
569             <option value="Female">Female </option>
570         </select>
571         <span id="message14" style="color: red;"></span>
572     </div>
573     <div class="col-sm-12" align="center">
574         <div class="g-recaptcha" data-sitekey="6LchYLIUAAAAAJXgCP_
575             ↵  TXeiHJHTmJNe3bsEnwIcwv"
576             ↵  data-callback="verifyCaptcha"></div>
577     </div>
578     <div class="col-sm-12" align="center">
579         <input id="check" type="hidden" value ="1"/>
580         <span id="message15" style="color: red;"></span>
581         <br>
582         <button type="submit" class="btn btn-default button3"
583             ↵  >Submit</button>
584         <button type="reset" class="btn btn-default button3" >
585             ↵  Clear</button>
586         <br>
587         <br>
```

```
574         </div>
575     </div>
576     </div>
577     </div>
578     </div>
579 </form>
580 <!-- Login Form -->
581 <div id="login" class="container-fluid bg-color2 align="center">
582     <br>
583     <br>
584     <div class="logo">
585         
586     </div>
587     <h2 style="color: white;">Court Member Login Form</h2>
588     <h3 style="color: white;"><i>(For non customer, you must
589         register before book a basketball court)</i></h3>
590 <form action="/loginform" method="post" onsubmit="return
591     validation4()">
592     <div class="form-group">
593         <label for="lusername"></label>
594         <input type="text" class="form-control" style="width:50%" 
595             id="lusername" name="lusername" placeholder="Enter
596             username" maxlength="40" >
597         <span id="message16" style="color: red;"></span>
598     </div>
599     <div class="form-group">
600         <label for="lpassword"></label>
601         <input type="password" class="form-control"
602             style="width:50%" id="lpassword" name="lpassword"
603             placeholder="Enter password" maxlength="40">
604         <span id="message17" style="color: red;"></span>
605     </div>
606     <div class="form-group">
607         <button type="submit" class="btn btn-default
608             button3">Submit</button>
609         <button type="reset" class="btn btn-default button3">
610             Clear</button>
611     </div>
612 </form>
613     <br>
614     <br>
615     <br>
616     <br>
617 </div>
618 <!-- Footer -->
619 <div class="container-fluid bg-color2 align="center">
620 <footer class="container-fluid text-center">
621     <a href="#base" title="To Top">
622         <span class="glyphicon glyphicon-chevron-up"
623             style="color: white;"></span>
624     </a>
625     <p style="color:red;">Developed by Achmad Mustafa Kemal</p>
626     <p style="color: red;">Copyright Achmad Mustafa Kemal<span>
627         &#169;</span> 2019
```

```
618          </footer>
619      </div>
620      <!-- Javascript for Google Map Api -->
621      <script>
622          function myMap() {
623              var myCenter = new google.maps.LatLng(1.301444,103.850481);
624              var mapCanvas = document.getElementById("map");
625              var mapOptions = {center: myCenter, zoom: 20};
626              var map = new google.maps.Map(mapCanvas, mapOptions);
627              var marker = new google.maps.Marker({position:myCenter});
628              marker.setMap(map);
629
630              // Zoom to 9 when clicking on marker
631              google.maps.event.addListener(marker,'click',function() {
632                  map.setZoom(20);
633                  map.setCenter(marker.getPosition());
634              });
635          }
636      </script>
637      <script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyJ
638          ↵ AYoRDJEagYXE_czl3lWMdLPPXEkwno0xo&callback=myMap"></script>
639
640      </body>
641  </html>
```

```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3 var app = express()
4
5 //now any files in public are routed
6 app.use(express.static('public_html'))
7
8 //Here we are configuring express to use body-parser as middle-ware.
9 app.use(bodyParser.urlencoded({ extended: false }));
10
11 app.get("/homepage", function(request, response) {
12     response.sendFile(__dirname + '/public_html/index.html')
13 });
14
15 // REST endpoint for posting a new user
16 app.post('/feedbackform', function (req, res, next) {
17     let username = req.body.username;
18     let email = req.body.useremail;
19     let comments = req.body.usercomment;
20
21
22     res.setHeader('Content-Type', 'text/html');
23     res.write('<div align="center">');
24     res.write('');
25     res.write('</div>');
26     res.write('<h1 style="color:red; font-family:verdana; text-align:justify;">The
27     ↵ request/data/information has been received and will as showing the received
28     ↵ data, saying the request/data/information has been received and will
29     ↵ contact the client soon </h1>');
30     res.write(`<p align="justify" style=" font-family:verdana;"><b><font
31     ↵ size="6">Your username is:</b> ${username}</font></p>`);
32     res.write(`<br>`);
33     res.write(`<p align="justify" style=" font-family:verdana;"><b><font
34     ↵ size="6">Your email is:</b> ${email}</font></p>`);
35     res.write(`<br>`);
36     res.write(`<p align="justify" style=" font-family:verdana;"><b><font
37     ↵ size="6">Your comments are: </b>${comments}</font></p>`);
38     res.write(`<br>`);
39     res.write('<h1 style="color:red; font-family:verdana;
40     ↵ text-align:center;"><i>Thank You!</i></h1>');
41
42
43     console.log("Just received POST data for users endpoint!");
44     console.log(`Data includes: ${username}, ${email} and ${comments}`);
45 });
46
47 // REST endpoint for posting a new user (registration)
48 app.post('/registerform', function (req, res, next) {
49     let cusername = req.body.cusername;
50     let cpassword = req.body.cpassword;
51     let cffirstname = req.body.cffirstname;
52     let clastname = req.body.clastname;
```

```
46 let cemail = req.body.cemail;
47 let ccontact = req.body.ccontact;
48 let cgender = req.body.cgender;
49
50
51 res.setHeader('Content-Type', 'text/html');
52 res.write('<div align="center">');
53 res.write('');
54 res.write('</div>');
55 res.write('<h1 style="color:red; font-family:verdana; text-align:justify;">The
  ↵ request/data/information has been received and will as showing the received
  ↵ data, saying the request/data/information has been received and
  ↵ registered</h1>');
56 res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵ size="6">Your username is:</b> ${cusername}</font></p>`);
57 res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵ size="6">Your password is:</b> ${cpassword}</font></p>`);
58 res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵ size="6">Your firstname is:</b> ${cffirstname}</font></p>`);
59 res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵ size="6">Your lastname is:</b> ${clastname}</font></p>`);
60 res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵ size="6">Your email is:</b> ${cemail}</font></p>`);
61 res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵ size="6">Your contact is:</b> ${ccontact}</font></p>`);
62 res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵ size="6">Your gender is:</b> ${cgender}</font></p>`);
63 res.write('<h1 style="color:red; font-family:verdana;
  ↵ text-align:center;"><i>Thank You for Register!</i></h1>');
64
65 console.log("Just received POST data for users endpoint!");
66 console.log(`Data includes: ${cusername},
  ↵ ${cpassword},${cffirstname},${clastname}, ${cemail},${ccontact} and
  ↵ ${cgender}`);
67 });
68
69 // REST endpoint for posting a new user (login)
70 app.post('/loginform', function (req, res, next) {
71   let lusername = req.body.lusername;
72   let lpassword = req.body.lpassword;
73
74
75   res.setHeader('Content-Type', 'text/html');
76   res.write('<div align="center">');
77   res.write('');
78   res.write('</div>');
79   res.write('<h1 style="color:red; font-family:verdana;
  ↵ text-align:center;"><i>Welcome Back!</i></h1>');
80   res.write(`<p align="center" style=" font-family:verdana;"><b><font
  ↵ size="6">Your username is:</b> ${lusername}</font></p>`);
```

```
81  res.write(`<p align="center" style=" font-family:verdana;"><b><font
  ↵  size="6">Your password is:</b> ${lpassword}</font></p>`);
82  res.write('<h1 style="color:red; font-family:verdana;
  ↵  text-align:center;"><i>Thank You for Login!</i></h1>');
83  res.write('<h1 style="color:red; font-family:verdana;
  ↵  text-align:center;"><i><a href="profile.html">Continue to
  ↵  profile</a></i></h1>');
84
85
86  console.log("Just received POST data for users endpoint!");
87  console.log(`Data includes: ${lusername} and ${lpassword}`);
88 });
89
90 // REST endpoint for posting a new user (edit)
91 app.post('/profileform', function (req, res, next) {
92   let pusername = req.body.pusername;
93   let ppassword = req.body.ppassword;
94   let pfname = req.body.pfname;
95   let plname = req.body.plname;
96   let pemail1 = req.body.pemail1;
97   let pcontact = req.body.pcontact;
98   let pgender = req.body.pgender;
99
100
101  res.setHeader('Content-Type', 'text/html');
102  res.write('<div align="center">');
103  res.write('');
104  res.write('</div>');
105  res.write('<h1 style="color:red; font-family:verdana; text-align:justify;">The
  ↵  request/data/information has been received and will as showing the received
  ↵  data, saying the request/data/information has been received and
  ↵  updated</h1>');
106  res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵  size="6">Your username is:</b> ${pusername}</font></p>`);
107  res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵  size="6">Your password is:</b> ${ppassword}</font></p>`);
108  res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵  size="6">Your firstname is:</b> ${pfname}</font></p>`);
109  res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵  size="6">Your lastname is:</b> ${plname}</font></p>`);
110  res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵  size="6">Your email is:</b> ${pemail1}</font></p>`);
111  res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵  size="6">Your contact is:</b> ${pcontact}</font></p>`);
112  res.write(`<p align="justify" style=" font-family:verdana;"><b><font
  ↵  size="6">Your gender is:</b> ${pgender}</font></p>`);
113  res.write('<h1 style="color:red; font-family:verdana;
  ↵  text-align:center;"><i>Thank You for update your profile!</i></h1>');
114  res.write('<h1 style="color:red; font-family:verdana;
  ↵  text-align:center;"><i><a href="profile.html">back to
  ↵  profile</a></i></h1>');
```

```
115
116     console.log("Just received POST data for users endpoint!");
117     console.log(`Data includes: ${pusername}, ${ppassword},${pfname},${plname},
118     ↳ ${pemail1},${pcontact} and ${pgender}`);
119   });
120
121 // REST endpoint for posting a new user (order)
122 app.post('/orderform', function (req, res, next) {
123   let ousername = req.body.ousername;
124   let ofname = req.body.ofname;
125   let olname = req.body.olname;
126   let oemail = req.body.oemail;
127   let ocontact = req.body.ocontact;
128   let ocardnumber = req.body.ocardnumber;
129   let ogender = req.body.ogender;
130   let ocourt = req.body.ocourt;
131   let odob = req.body.odob;
132   let otime = req.body.otime;
133
134   res.setHeader('Content-Type', 'text/html');
135   res.write('<div align="center">');
136   res.write('');
137   res.write('</div>');
138   res.write('<h1 style="color:red; font-family:verdana; text-align:justify;">The
139   ↳ request/data/information has been received and will as showing the received
140   ↳ data, saying the request/data/information has been received and
141   ↳ added</h1>');
142   res.write(`<p align="justify" style=" font-family:verdana;"><b><font
143   ↳ size="6">Your username is:</b> ${ousername}</font></p>`);
144   res.write(`<p align="justify" style=" font-family:verdana;"><b><font
145   ↳ size="6">Your firstname is:</b> ${ofname}</font></p>`);
146   res.write(`<p align="justify" style=" font-family:verdana;"><b><font
147   ↳ size="6">Your lastname is:</b> ${olname}</font></p>`);  

148   res.write(`<p align="justify" style=" font-family:verdana;"><b><font
149   ↳ size="6">Your email is:</b> ${oemail}</font></p>`);  

150   res.write(`<p align="justify" style=" font-family:verdana;"><b><font
151   ↳ size="6">Your contact is:</b> ${ocontact}</font></p>`);  

152   res.write(`<p align="justify" style=" font-family:verdana;"><b><font
153   ↳ size="6">Your card number is:</b> ${ocardnumber}</font></p>`);  

154   res.write(`<p align="justify" style=" font-family:verdana;"><b><font
155   ↳ size="6">Your gender is:</b> ${ogender}</font></p>`);  

156   res.write(`<p align="justify" style=" font-family:verdana;
157   ↳ color:orange;"><b><font size="6">Your booked court
158   ↳ is:</b> ${ocourt}</font></p>`);  

159   res.write(`<p align="justify" style=" font-family:verdana;
160   ↳ color:orange;"><b><font size="6">Your booked date
161   ↳ is:</b> ${odob}</font></p>`);
```

```
148 res.write(`<p align="justify" style=" font-family:verdana;
  ↵  color:orange;"><b><font size="6">Your booked time
  ↵  is:</b> ${otime}</font></p>`);
149 res.write('<h1 style="color:red; font-family:verdana;
  ↵  text-align:center;"><i>Thank You for book a basketball court in the
  ↵  court!</i></h1>');
150 res.write('<h1 style="color:red; font-family:verdana;
  ↵  text-align:center;"><i><a href="profile.html">back to
  ↵  profile</a></i></h1>');
151
152 console.log("Just received POST data for users endpoint!");
153 console.log(`Data includes: ${ouusername}, ${ofname},${olname},${oemail},
  ↵  ${ocontact},${ocardnumber},${ogender}, ${ocourt},${odob} and ${otime}`);
154 });
155
156
157 app.listen(3000, function () {
158   console.log("My name is Achmad Mustafa Kemal");
159   console.log("This is task 9.3");
160   console.log("Web server running at: http://localhost:3000");
161   console.log("Press Ctrl+C to shut down the web server");
162 })
```

Kobe Bryant

mambamentality@gmail.com

The court is the best place to rent a basketball court. I train my shooting range in the court. Now, I'm an MVP in the NBA.

Court Feedback Service

Send



The request/data/information has been received and will as showing the received data, saying the request/data/information has been received and will contact the client soon

Your username is: Kobe Bryant

Your email is: mambamentality@gmail.com

Your comments are: The court is the best place to rent a basketball court. I train my shooting range in the court. Now, I'm an MVP in the NBA

Thank You!

31 Server Database for Website Project

NodeJS programming with database

Outcome	Weight
Explain Web Technologies	◆◆◆◇◇

node js and SQL lite 3 are good combination

Outcome	Weight
Client-side Application Design and Development	◆◆◆◆◆

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Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◆

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Outcome	Weight
Option Identification and Application Deployment	◆◆◆◆◇

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Outcome	Weight
Achieved Outcome Justification	◆◆◆◆◆

node js and SQL lite 3 are good combination

Date	Author	Comment
2019/10/04 15:41	Achmad Kemal	Ready to Mark
2019/10/04 15:41	Michael Hobbs	Time Exceeded
2019/10/04 15:41	Achmad Kemal	Hey Micheal, can you check my work?
2019/10/08 20:10	Achmad Kemal	Ready to Mark
2019/10/08 20:10	Michael Hobbs	Time Exceeded
2019/10/08 20:10	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work?
2019/10/10 16:08	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work? please

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Server Database for Website Project

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/10/08 20:10

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦◊◊
Client-side Application Design and Development	♦♦♦♦♦
Web Service Design and Implementation	♦♦♦♦♦
Option Identification and Application Deployment	♦♦♦♦◊
Achieved Outcome Justification	♦♦♦♦♦

node js and SQL lite 3 are good combination

October 8, 2019



```
1  <!DOCTYPE html>
2  <html lang="en">
3      <!DOCTYPE html>
4      <div lang="en">
5          <head>
6              <title>SIT774 Project</title>
7              <meta charset="utf-8">
8              <meta name="viewport" content="width=device-width, initial-scale=1">
9              <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
10             <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet" type="text/css">
11             <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet" type="text/css">
12             <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
13             <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
14             <script src='https://www.google.com/recaptcha/api.js' async defer></script>
15             <style>
16                 .jumbotron{
17                     /* background: url("sneaker.jpg") no-repeat center center;
18                     /* background-size: cover;
19                     min-height: 800px; */
20                     background-color:black;
21                     font-family: Trebuchet MS, sans-serif;
22                     padding: 100px 25px;
23                 }
24                 .logo{
25                     display: flex;
26                     justify-content: center;
27                     /* align-items: center; */
28                     position: relative;
29                 }
30                 .head{
31                     font-family: Trebuchet MS, sans-serif;
32                     font-size: 40px !important;
33                 }
34                 .bp{
35                     font-size: 20px !important;
36                 }
37                 .body{
38                     font: 400 15px Lato, sans-serif;
39                 }
40                 .navbar{
41                     margin-bottom: 0;
```

```
48         border-radius: 0;
49         background-color:black;
50         font-size: 23px !important;
51         font-family: Trebuchet MS, sans-serif;
52         font-size: 18px !important;
53         line-height: 1.42857143 !important;
54         letter-spacing: 4px;
55     }
56     .affix {
57     top: 0;
58     width: 100%;
59     z-index: 9999 !important;
60   }
61
62     .affix + .container-fluid {
63     padding-top: 70px;
64   }
65     .thumbnail {
66     padding: 0 0 30px 0;
67     border: none;
68     border-radius: 0;
69     background-color: black;
70   }
71     .thumbnail1 {
72     padding: 0 0 40px 0;
73     border: none;
74     border-radius: 0;
75     background-color:red;
76   }
77     .thumbnail2 {
78     padding: 0 0 60px 0;
79     border: none;
80     border-radius: 0;
81     background-color:red;
82   }
83     .navbar li a, .navbar .navbar-brand {
84       color:white !important;
85   }
86     .navbar-nav li a:hover, .navbar-nav li.active a {
87       color: black !important;
88       background-color:red !important;
89   }
90     .well {
91   }
92       height: 400px;
93       width: 80%;
94       background-color:black;
95   }
96
97     .center_form
98   {
99     margin: 0 auto;
100    width:40% /* value of your choice which suits your alignment */
```

```
101      }
102      .content {
103        padding: 16px;
104      }
105      .sticky {
106        position: fixed;
107        top: 0;
108        width: 100%;
109      }
110      .sticky + .content {
111        padding-top: 60px;
112      }
113      .bg-color {
114        background-color: red;
115      }
116      .bg-color1{
117        background-color: white;
118      }
119      .bg-color2{
120        background-color: black;
121      }

122
123      @keyframes slide {
124        0%
125        {
126          opacity: 0;
127          transform: translateY(70%);
128        }
129        100% {
130          opacity: 1;
131          transform: translateY(0%);
132        }
133      }
134      .thumbnail img {
135        width: 100%;
136        height: 100%;
137        margin-bottom: 10px;
138      }
139      .btn-primary-outline {
140        background-color: transparent;
141        border-color: #ccc;
142      }
143      .button1
144      {
145        font-size: 13px;
146        color: white;
147      }
148      .button3
149      {
150        background-color: white;
151        font-size: 20px;
152        color:black;
153      }
```

```
154         .button3:hover {
155             background-color: red;
156             color: white;
157         }
158         .bsize
159         {
160             padding: 7px 30px;
161         }
162     }
163
164
165     </style>
166     <script>
167     $(document).ready(function(){
168         // Add smooth scrolling to all links in navbar + footer link
169         $(".navbar a, footer a[href='#myPage']").on('click',
170             function(event) {
171                 // Make sure this.hash has a value before overriding default
172                 // behavior
173                 if (this.hash !== "") {
174                     // Prevent default anchor click behavior
175                     event.preventDefault();
176
177                     // Store hash
178                     var hash = this.hash;
179
180                     // Using jQuery's animate() method to add smooth page scroll
181                     // The optional number (900) specifies the number of
182                     // milliseconds it takes to scroll to the specified area
183                     $('html, body').animate({
184                         scrollTop: $(hash).offset().top
185                     }, 900, function(){
186
187                         // Add hash (#) to URL when done scrolling (default click
188                         // behavior)
189                         window.location.hash = hash;
190                     });
191                 } // End if
192             });
193         })
194
195         //Google Captcha
196         var captchaContainer = null;
197         var loadCaptcha = function() {
198             captchaContainer = grecaptcha.render('captcha_container', {
199                 'sitekey' : '6LchYLIUAAAAAJXgCPTXeiHJHTmJNe3bsEnwIcvv',
200                 'callback' : function(response) {
201                     alert(response);
202                 }
203             });
204         };
205         </script>
206         <!-- Validation for search form -->
```

```
203 <script>
204     function validation1() {
205         if (document.getElementById("search").value.length == 0) {
206             document.getElementById("message4").innerHTML = "<em> You did not
207             ↵ enter value in the search form</em>";
208             return false;
209         }
210
211         return true;
212     }
213 </script>
214     <!-- Validation for feedback form --&gt;
215 &lt;script&gt;
216     function validation2()
217     {
218         var mailformat = /^w+([\.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
219         var emailvalue = document.getElementById("email").value;
220         if (document.getElementById("name").value.length == 0) {
221             document.getElementById("message5").innerHTML = "&lt;em&gt; You did not
222             ↵ enter name&lt;/em&gt;";
223             return false;
224         }
225         if (!emailvalue.match(mailformat)){
226             document.getElementById("message6").innerHTML = "&lt;em&gt; please enter
227             ↵ email contain @gmail.com only&lt;/em&gt;";
228             return false;
229         }
230         if (document.getElementById("comments").value.length &lt; 5) {
231             document.getElementById("message7").innerHTML = "&lt;em&gt; Mininum 5
232             ↵ characters&lt;/em&gt;";
233             return false;
234         }
235         return true;
236     }
237 &lt;/script&gt;
238     <!-- Validation for register form --&gt;
239 &lt;script&gt;
240     function validation3()
241     {
242         var mailformat = /^w+([\.-]?\w+)*[@gmail.com]*(\.\w{2,3})+$/;
243         var emailvalue = document.getElementById("email1").value;
244
245         var phoneno = /^[+]*[()]{0,1}[0-9]{1,4}[]]{0,1}[-\s\.]{0-9}*$/g;
246         var phone_val = document.getElementById("phone").value;
247
248         var response = grecaptcha.getResponse();
249
250         if (document.getElementById("username").value.length == 0) {
251             document.getElementById("message8").innerHTML = "&lt;em&gt; You did not
252             ↵ create a username&lt;/em&gt;";
253             return false;
254         }
255     }
256 </pre>
```

```
251     if (document.getElementById("password").value.length < 1) {  
252         document.getElementById("message9").innerHTML = "<em> You should  
253             ↳ input more than 1 character</em>";  
254         return false;  
255     }  
256     if (document.getElementById("fname").value.length == 0) {  
257         document.getElementById("message10").innerHTML = "<em> You did not  
258             ↳ enter firstname</em>";  
259         return false;  
260     }  
261     if (document.getElementById("lname").value.length == 0) {  
262         document.getElementById("message11").innerHTML = "<em> You did not  
263             ↳ enter lastname</em>";  
264         return false;  
265     }  
266     if(!emailvalue.match(mailformat)){  
267         document.getElementById("message12").innerHTML = "<em> please enter  
268             ↳ email contain @gmail.com only</em>";  
269         return false;  
270     }  
271     if(!phone_val.match(phoneeno)){  
272         document.getElementById("message13").innerHTML = "<em> Please enter  
273             ↳ correct number</em>";  
274         return false;  
275     }  
276     if (document.getElementById("gender").value.length == 0) {  
277         document.getElementById("message14").innerHTML = "<em> Please  
278             ↳ choose one gender</em>";  
279         return false;  
280     }  
281     if(response.length == 0) {  
282         document.getElementById("message15").innerHTML = "<em> Please tick  
283             ↳ re captcha</em>";  
284         return false;  
285     }  
286     return true;  
287 }  
288 </script>  
289  
290 <!-- Validation for login form -->  
291 <script>  
292     function validation4()  
293     {  
294         if (document.getElementById("lusername").value.length == 0) {  
295             document.getElementById("message16").innerHTML = "<em> You  
296                 ↳ did not enter username</em>";  
297             return false;  
298         }  
299         if (document.getElementById("lpassword").value.length == 0) {  
300             document.getElementById("message17").innerHTML = "<em> You  
301                 ↳ did not enter password</em>";  
302             return false;  
303         }  
304     }
```

```
295         }
296     </script>
297
298     </head>
299     <body>
300         <div id="base">
301             <!-- Top of website -->
302             <div class="jumbotron text-center img-responsive"
303                 style="margin-bottom: 0">
304                 <div class="logo">
305                     
306                 </div>
307                 <h1 style="text-align: center; color:white;"><i>"Winners
308                     train, Losers complain"</i></h1>
309             </div>
310             <!-- Navbar -->
311             <nav class="navbar navbar-inverse navbar-fixed-top"
312                 data-spy="affix" data-offset-top="60">
313                 <div class="container-fluid">
314                     <div class="navbar-header">
315                         <button type="button" class="navbar-toggle"
316                             data-toggle="collapse" data-target="#myNavbar">
317                             <span class="icon-bar"></span>
318                             <span class="icon-bar"></span>
319                             <span class="icon-bar"></span>
320                         </button>
321                     </div>
322                     <div class="collapse navbar-collapse" id="myNavbar">
323                         <ul class="nav navbar-nav">
324                             <li><a href="#home"><b>Home</b></a></li>
325                             <li><a href="#services"><b>Services</b></a></li>
326                             <li><a href="#feedback"><b>Feedback</b></a></li>
327                             <li><a href="#news"><b>News</b></a></li>
328                             <li><a href="#contact"><b>Contact</b></a></li>
329                             <li><a href="#registration"><span class="glyphicon
330                                 glyphicon-user"></span><b>Register</b></a></li>
331                         </ul>
332                         <ul class="nav navbar-nav navbar-right">
333                             <li><a href="#login"><span class="glyphicon
334                                 glyphicon-log-in"></span><b>Login</b></a></li>
335                         </ul>
336                     </div>
337                 </div>
338             <!-- Home Section -->
339             <div id="home" class="container-fluid center_form">
340                 <div class="row">
341                     <div class="col-sm-12">
```

```
342 <p class="head">Welcome</p><br>
343 <p class="bp">Lorem ipsum dolor sit amet, consectetur
  ↳ adipiscing elit, sed do eiusmod tempor incididunt ut
  ↳ labore et dolore magna aliqua. Ut enim ad minim veniam,
  ↳ quis nostrud exercitation ullamco laboris nisi ut aliquip
  ↳ ex ea commodo consequat.</p><br>
344 <p class="bp">Lorem ipsum dolor sit amet, consectetur
  ↳ adipiscing elit, sed do eiusmod tempor incididunt ut
  ↳ labore et dolore magna aliqua. Ut enim ad minim veniam,
  ↳ quis nostrud exercitation ullamco laboris nisi ut aliquip
  ↳ ex ea commodo consequat. Excepteur sint occaecat
  ↳ cupidatat non proident, sunt in culpa qui officia
  ↳ deserunt mollit anim id est laborum consectetur
  ↳ adipiscing elit, sed do eiusmod tempor incididunt ut
  ↳ labore et dolore magna aliqua. Ut enim ad minim veniam,
  ↳ quis nostrud exercitation ullamco laboris nisi ut aliquip
  ↳ ex ea commodo consequat.</p>
345 <hr>
346 <br>
347 </div>
348 </div>
349 </div>
350 <br>
351 <br>
352 <br>
353 <br>
354 <br>
355 <!-- Services Section -->
356 <div id="services" class="container-fluid text-center bg-color">
357   <h2 style="color: white;"><b>SERVICES</b></h2><br>
358   <br>
359   <h4 style="color: white;"><i>Search a Court</i></h4>
360   <form class="form-horizontal container" action="#">
  ↳ onsubmit="return validation1()">
    <input class="form-control mr-sm-2" type="text" id="search"
      ↳ placeholder="Search" aria-label="Search">&ampnbsp;
    <button class="btn btn-primary-outline button1"
      ↳ type="submit">Search</button>
361 </form>
362 <span id="message4" style="color:white"></span>
363 <br>
364 <br>
365 <div class="row text-center">
366   <div class="col-sm-4">
367     <div class="thumbnail">
368       
369       <p style="color: white;"><strong>Steph Curry
  ↳ Court</strong></p>
370       <p style="color: white;">The Court known as "Splash
  ↳ Court"</p>
371       <a type="button" href="#login" class="btn
  ↳ btn-primary-outline button1">Book Now</a>
372
373
374
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375             </div>
376         </div>
377         <div class="col-sm-4">
378             <div class="thumbnail">
379                 
381                 <p style="color: white;"><strong>Micheal Jordan
382                     ↵ Court</strong></p>
383                 <p style="color: white;">The Court known as "Airplane
384                     ↵ Mode Court"</p>
385                 <a type="button" href="#login" class="btn
386                     ↵ btn-primary-outline button1">Book Now</a>
387             </div>
388         </div>
389         <div class="col-sm-4">
390             <div class="thumbnail">
391                 
393                 <p style="color: white;"><strong>Lebron James
394                     ↵ Court</strong></p>
395                 <p style="color: white;">The Court known as "King
396                     ↵ Court"</p>
397                 <a type="button" href="#login" class="btn
398                     ↵ btn-primary-outline button1">Book Now</a>
399             </div>
400         </div>
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411     </div>
412     <!-- Feedback section -->
413     <div id="feedback" class="container-fluid bg-color1">
414         <h2 style="text-align: center; color: black;"><b>Court Feedback
415             ↵ Service</b></h2>
416         <br>
417         <br>
418         <br>
419         <form action="/feedbackform" method="post" onsubmit="return
420             ↵ validation2()">
421             <div class="col-sm-12">
422                 <div class="row">
423                     <div class="col-sm-6 form-group">
424                         <input class="form-control" id="name" name="username"
425                             ↵ placeholder="Enter Name" type="text">
426                         <span id="message5" style="color: red"></span>
427                     </div>
428                     <div class="col-sm-6 form-group">
429                         <input class="form-control" id="email" name="useremail"
430                             ↵ placeholder="Enter Email" type="text">
431                     </div>
432                 </div>
433             </div>
434         </form>
435     </div>
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417             <span id="message6" style="color: red"></span>
418         </div>
419     </div>
420     <textarea class="form-control" id="comments"
421         ↪ name="usercomment" placeholder="Comments"
422         ↪ rows="12"></textarea><br>
423     <span id="message7" style="color: red"></span>
424     <div class="row " >
425         <div class="center_form">
426             </div>
427         <div class="container-fluid">
428             <button class="btn btn-default pull-right button3 bsize"
429                 ↪ type="submit">Send</button>
430         </div>
431         <br>
432         <br>
433         <br>
434         <br>
435     </form>
436     </div>
437
438     <!-- News section -->
439     <div id="news" class="container-fluid text-center bg-color2">
440         <h2 style="color:white;"><b>NEWS</b></h2><br>
441         <br>
442         <br>
443         <br>
444         <div class="row text-center">
445             <div class="col-sm-4">
446                 <div class="thumbnail thumbnail2">
447                     <div class="embed-responsive embed-responsive-4by3">
448                         <video controls class="embed-responsive-item" >
449                             <source src="cury.mp4" type="video/mp4">
450                         </video>
451                     </div>
452                     <p style="color: white;"><strong>Steph Curry release
453                         ↪ new shoe</strong></p>
454                     <p style="color: white;">The latest update in Stephen
455                         ↪ Curry's signature footwear line is officially
456                         ↪ complete. Programmed for maximum unpredictability,
457                         ↪ the lightweight, precision-fitting Curry 5 was
458                         ↪ developed to help Stephen optimize his on-court
459                         ↪ performance.</p>
460                 </div>
461             </div>
462             <div class="col-sm-4">
463                 <div class="thumbnail thumbnail1">
464                     <div class="embed-responsive embed-responsive-4by3">
465                         <video controls class="embed-responsive-item" >
466                             <source src="rw.mp4" type="video/mp4">
467                         </video>
```

```
461           </div>
462           <p style="color: white;"><strong>Russel Westbrook
463             ← release new shoe</strong></p>
464           <p style="color: white;">The Jordan "Why Not" Zer0.2
465             ← shoe, designed with the help of Russell Westbrook,
466             ← is where form meets function. Russell and MJ put in
467             ← a lot of work to get a high-performing shoe along
468             ← with a fashionable look. The thought process shows
469             ← even in the way the outsole comes up and hugs the
470             ← mid and upper providing extra stability. This shoe
471             ← and its colorful cousins may become classics all
472             ← their own.</p>
473       </div>
474     </div>
475   <div class="col-sm-4">
476     <div class="thumbnail thumbnail2">
477       <div class="embed-responsive embed-responsive-4by3">
478         <video controls class="embed-responsive-item" >
479           <source src="lebron.mp4" type="video/mp4">
480         </video>
481       </div>
482       <p style="color: white;"><strong>Lebron James promise
483         ← School</strong></p>
484       <p style="color: white;">I Promise School is a public
485         ← elementary school in Akron, Ohio, opened in 2018,
486         ← supported by the LeBron James Family Foundation,
487         ← and specifically aimed at at-risk children. Opening
488         ← with students attending grades three and four, the
489         ← school will be fully operational by 2022,
490         ← eventually teaching grades one through eight.</p>
491     </div>
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494         <p style="text-align: left; color:white; font-size:  
495             ↵ 20px;"><span class="glyphicon  
496             ↵ glyphicon-phone"></span> +00 1515151515</p>  
497         <p style="text-align: left; color:white; font-size:  
498             ↵ 20px;"><span class="glyphicon  
499             ↵ glyphicon-envelope"></span> myemail@something.com</p>  
500     </div>  
501     <div class="col-sm-4">  
502         <div class="logo">  
503               
504         </div>  
505         </div>  
506         <!-- This is still image but We use Google API in the  
507             ↵ future -->  
508         <!-- Updated: Google map Api implemented-->  
509         <h2 style="color: white;"><b>Our Map Location</b></h2>  
510         <!--  -->  
512     </div>  
513     <!-- Registration Section -->  
514     <div id="registration" class="container-fluid" align="center">  
515         <br>  
516         <br>  
517         <div class="logo">  
518               
519         </div>  
520         <h2>Court Member Registration Form</h2>  
521  
522         <form action="/registerform" method="POST" onsubmit="return  
523             ↵ validation3()">  
524             <div class="form-group">  
525                 <label for="username"></label>  
526                 <input style="width:50%" type="text" id="username"  
527                     ↵ name="cusername" class="form-control"  
528                     ↵ placeholder="Enter Username" maxlength="10" >  
529                 <span id="message8" style="color: red;"></span>  
530             </div>  
531             <div class="form-group">  
532                 <label for="password"></label>  
533                 <input style="width:50%" type="password" id="password"  
534                     ↵ name="cpassword" class="form-control"  
535                     ↵ placeholder="Enter Password" maxlength="15" >  
536                 <span id="message9" style="color: red;"></span>  
537             </div>  
538             <div class="form-group">  
539                 <label for="firstname"></label>
```

```
535         <input style="width:50%" type="text" id="fname"
536             ↵  name="cffirstname" class="form-control"
537             ↵  placeholder="Enter Firstname" >
538         <span id="message10" style="color: red;"></span>
539     </div>
540     <div class="form-group">
541         <label for="lastname"></label>
542         <input style="width:50%" type="text" id="lname" name="cl_
543             ↵  astname" class="form-control" placeholder="Enter
544             ↵  Lastname" >
545         <span id="message11" style="color: red;"></span>
546     </div>
547     <div class="form-group">
548         <label for="email"></label>
549         <input class="form-control" id="email11" name="cemail"
550             ↵  placeholder="Enter Email" type="text" style="width:
551             ↵  50%">
552         <span id="message12" style="color: red;"></span>
553     </div>
554
555     <div class="form-group" >
556         <label for="contact"></label>
557         <input style="width:50%" type="text" class="form-control"
558             ↵  id="phone" name="ccontact" placeholder="Enter Phone"
559             ↵  name="phone">
560         <span id="message13" style="color: red;"></span>
561     </div>
562
563     <div class="form-group">
564         <label for="gender"></label><select class="form-control" id
565             ↵  ="gender" name="cgender" style="width:50%">
566             <option disabled selected value>Choose an
567                 ↵  option</option>
568             <option value="Male">Male </option>
569             <option value="Female">Female </option>
570         </select>
571         <span id="message14" style="color: red;"></span>
572     </div>
573     <div class="col-sm-12" align="center">
574         <div class="g-recaptcha" data-sitekey="6LchYLIUAAAAAJXgCP_
575             ↵  TXeiHJHTmJNe3bsEnwIcwv"
576             ↵  data-callback="verifyCaptcha"></div>
577     </div>
578     <div class="col-sm-12" align="center">
579         <input id="check" type="hidden" value ="1"/>
580         <span id="message15" style="color: red;"></span>
581         <br>
582         <button type="submit" class="btn btn-default button3"
583             ↵  >Submit</button>
584         <button type="reset" class="btn btn-default button3" >
585             ↵  Clear</button>
586         <br>
587         <br>
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```
574             </div>
575         </form>
576         <div class="col-sm-12" align="center">
577             <form action='/registerform' method="get">
578                 <button type="submit" class="btn btn-default button3"> View
579                     ↵ User</button>
580             </form>
581         </div>
582     </div>
583     </div>
584 </div>

585
586
587
588    <!-- Login Form -->
589    <div id="login" class="container-fluid bg-color2" align="center">
590        <br>
591        <br>
592        <div class="logo">
593            
594        </div>
595        <h2 style="color: white;">Court Member Login Form</h2>
596        <h3 style="color: white;"><i>(For non customer, you must
597                     register before book a basketball court)</i></h3>
598        <form action="/loginform" method="post" onsubmit="return
599                     validation4()">
600            <div class="form-group">
601                <label for="lusername"></label>
602                <input type="text" class="form-control" style="width:50%" 
603                     id="lusername" name="lusername" placeholder="Enter
604                     username" maxlength="40" >
605                <span id="message16" style="color: red;"></span>
606            </div>
607            <div class="form-group">
608                <label for="lpassword"></label>
609                <input type="password" class="form-control"
610                     style="width:50%" id="lpassword" name="lpassword"
611                     placeholder="Enter password" maxlength="40">
612                <span id="message17" style="color: red;"></span>
613            </div>
614            <div class="form-group">
615                <button type="submit" class="btn btn-default
616                     button3">Submit</button>
617                <button type="reset" class="btn btn-default button3">
618                     Clear</button>
619            </div>
620        </form>
621        <br>
622        <br>
623        <br>
624        <br>
625    </div>
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```
618         <!-- Footer -->
619         <div class="container-fluid bg-color2" align="center">
620             <footer class="container-fluid text-center">
621                 <a href="#base" title="To Top">
622                     <span class="glyphicon glyphicon-chevron-up"
623                         style="color: white;"></span>
624                 </a>
625                 <p style="color:red;">Developed by Achmad Mustafa Kemal</p>
626                 <p style="color: red;">Copyright Achmad Mustafa Kemal<span>
627                     &#169;</span> 2019
628             </footer>
629         </div>
630         <!-- Javascript for Google Map Api -->
631         <script>
632             function myMap() {
633                 var myCenter = new google.maps.LatLng(1.301444,103.850481);
634                 var mapCanvas = document.getElementById("map");
635                 var mapOptions = {center: myCenter, zoom: 20};
636                 var map = new google.maps.Map(mapCanvas, mapOptions);
637                 var marker = new google.maps.Marker({position:myCenter});
638                 marker.setMap(map);
639
640                 // Zoom to 9 when clicking on marker
641                 google.maps.event.addListener(marker,'click',function() {
642                     map.setZoom(20);
643                     map.setCenter(marker.getPosition());
644                 });
645             }
646         </script>
647         <script src="https://maps.googleapis.com/maps/api/js?key=AIzaSy_
648             AYoRDJEagYXE_czl3lWMdLPPxEkwno0xo&callback=myMap"></script>
649     </body>
650 </html>
```

```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3
4 var app = express();
5 var sqlite3 = require('sqlite3').verbose();
6 app.use(express.static('public'));
7 app.use(bodyParser.urlencoded({ extended: false }));
8 var db = new sqlite3.Database('KemalDBCourt97');           //file database
9
10 db.serialize(function() {
11
12     db.run("CREATE TABLE IF NOT EXISTS register (id INTEGER UNIQUE PRIMARY KEY NOT
13         → NULL, username TEXT, password TEXT,fname TEXT, lname TEXT, email TEXT,
14         → contact TEXT, gender TEXT)");
15     console.log("Court database has been setup");
16
17     // db.each("SELECT * FROM User", function(err, row) {
18     //     console.log("ID: " + row.id + " Username: " + row.username + "
19     //     → Password: " + row.password);
20     // });
21 });
22 db.close();
```

```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3
4 var app = express();
5 var sqlite3 = require('sqlite3').verbose();
6 app.use(express.static('public_html'));
7 app.use(bodyParser.urlencoded({ extended: false }));
8 var db = new sqlite3.Database('KemalDBCourt97');           //file database
9
10
11 app.get("/homepage", function(request, response) {
12     response.sendFile(__dirname + '/public_html/index.html')
13 });
14
15
16 app.post('/registerform', function (req, res, next) {
17     let cusername = req.body.cusername;
18     let cpassword = req.body.cpassword;
19     let cffirstname = req.body.cffirstname;
20     let clastname = req.body.clastname;
21     let cemail = req.body.cemail;
22     let ccontact = req.body.ccontact;
23     let cgender = req.body.cgender;
24
25     // db.run('CREATE TABLE IF NOT EXISTS users (id INTEGER UNIQUE PRIMARY KEY NOT
26     // → NULL, name TEXT NOT NULL, email TEXT NOT NULL, password TEXT NOT NULL);');
27     var statement = db.run(`INSERT INTO register (username,
28     → password, fname, lname, email, contact, gender) VALUES
29     → ("${cusername}", "${cpassword}", "${cffirstname}", "${clastname}", "${cemail}", "
30     → "${ccontact}", "${cgender}");`);
31     console.log("Just received POST data for users endpoint!");
32     console.log(`Data includes: ${cusername},
33     → ${cpassword}, ${cffirstname}, ${clastname}, ${cemail}, ${ccontact} and
34     → ${cgender}`);
35     res.setHeader('Content-Type', 'text/html');
36     res.write('<div align="center">');
37     res.write('');
38     res.write('</div>');
39     res.write('<h1 style="color:red; font-family:verdana; text-align:center;">
40     → Table of Court Member</h1>');
41     res.write('<table align="center">');
42     res.write('<th width="150" style="color:red; background-color:black;">ID</th>');
43     res.write('<th width="150" style="color:red;
44     → background-color:black;">Username</th>');
45     res.write('<th width="150" style="color:red;
46     → background-color:black;">Password</th>');
47     res.write('<th width="150" style="color:red; background-color:black;">First
48     → Name</th>');
49     res.write('<th width="150" style="color:red; background-color:black;">Last
50     → Name</th>');
51     res.write('<th width="150" style="color:red;
52     → background-color:black;">Email</th>');
```

```
41  res.write('<th width="150" style="color:red;  
42   ↵  background-color:black;">Contact</th>');  
43  res.write('<th width="150" style="color:red;  
44   ↵  background-color:black;">Gender</th>');  
45  
46 // Retrieve data from table User on the server  
47 // and display it in a web page table structure  
48 db.all('SELECT * FROM register', function(err, rows){  
49   rows.forEach(function (row){  
50     res.write('<tr style="background-color:gray">');  
51     res.write('<td width="150" align="center">' + row.id + '</td>');  
52     res.write('<td width="150" align="center">' + row.username + '</td>');  
53     res.write('<td width="150" align="center">' + row.password + '</td>');  
54     res.write('<td width="150" align="center">' + row.fname + '</td>');  
55     res.write('<td width="150" align="center">' + row.lname + '</td>');  
56     res.write('<td width="150" align="center">' + row.email + '</td>');  
57     res.write('<td width="150" align="center">' + row.contact + '</td>');  
58     res.write('<td width="150" align="center">' + row.gender + '</td></tr>');  
59   });  
60   res.write('</body></html>');  
61   res.write('</table>');  
62 });  
63});  
64  
65 app.get('/registerform', function (req, res) {  
66   // Display a web page table  
67   res.setHeader('Content-Type', 'text/html');  
68   res.write('<div align="center">');  
69   res.write('');  
70   res.write('</div>');  
71   res.write('<h1 style="color:red; font-family:verdana; text-align:center;">  
72   ↵  Table of Court Member</h1>');  
73   res.write('<table align="center">');  
74   res.write('<th width="150" style="color:red; background-color:black;">ID</th>');  
75   res.write('<th width="150" style="color:red;  
76   ↵  background-color:black;">Username</th>');  
77   res.write('<th width="150" style="color:red;  
78   ↵  background-color:black;">Password</th>');  
79   res.write('<th width="150" style="color:red; background-color:black;">First  
80   ↵  Name</th>');  
81   res.write('<th width="150" style="color:red; background-color:black;">Last  
   ↵  Name</th>');  
   res.write('<th width="150" style="color:red;  
   ↵  background-color:black;">Email</th>');  
   res.write('<th width="150" style="color:red;  
   ↵  background-color:black;">Contact</th>');  
   res.write('<th width="150" style="color:red;  
   ↵  background-color:black;">Gender</th>');  
   res.write('<h1 style="color:red; font-family:verdana;  
   ↵  text-align:center;"><i>Thank You for Register!</i></h1>');
```

```
82
83
84 // Retrieve data from table User on the server
85 // and display it in a web page table structure
86 db.all('SELECT * FROM register', function(err, rows){
87     rows.forEach(function (row){
88         res.write('<tr style="background-color:gray">');
89         res.write('<td width="150" align="center">' + row.id + '</td>');
90         res.write('<td width="150" align="center">' + row.username + '</td>');
91         res.write('<td width="150" align="center">' + row.password + '</td>');
92         res.write('<td width="150" align="center">' + row.fname + '</td>');
93         res.write('<td width="150" align="center">' + row.lname + '</td>');
94         res.write('<td width="150" align="center">' + row.email + '</td>');
95         res.write('<td width="150" align="center">' + row.contact + '</td>');
96         res.write('<td width="150" align="center">' + row.gender + '</td></tr>');
97     });
98     res.write('</body></html>');
99     res.write('</table>');
100 });
101 });
102
103 app.listen(3000, function () {
104     console.log("My name is Achmad Mustafa Kemal");
105     console.log("This is task 10.1");
106     console.log("Web server running at: http://localhost:3000");
107     console.log("Press Ctrl+C to shut down the web server");
108 })
```

The screenshot shows a web browser window with the following details:

- Title Bar:** OnTrack - SIT774 Project
- Address Bar:** localhost:3000/homepage#registration
- Header:** Home Services Feedback News Contact Register Login
- Logo:** A stylized "COURT" logo with a scale icon above it.
- Section Title:** Court Member Registration Form
- Text Input Fields:** Name (kemal), Address (....), City (Kemal), State (Deakin), Email (achmikemal@gmail.com), and Phone (11112222).
- Gender Selection:** Male (selected)
- reCAPTCHA:** A checkbox labeled "I'm not a robot" with a green checkmark, accompanied by the reCAPTCHA logo and links to "Privacy" and "Terms".
- Buttons:** Submit, Clear, and View User.

The screenshot shows a web browser window with the URL `localhost:3000/registerform?`. At the top, there is a graphic of a basketball court with the word "COURT" written below it in red. Below the graphic, the text "Table of Court Member" and "Thank You for Register!" is displayed. A table follows, containing one row of data:

ID	Username	Password	First Name	Last Name	Email	Contact	Gender
1	kemal	1234	Kemal	Deşkin	schmkemal@gmail.com	11112222	Male

32 User Validation by Using Database

NodeJS programming with database

Outcome	Weight
Explain Web Technologies	◆◆◆◆◇

node js and sqlite are good combination

Outcome	Weight
Client-side Application Design and Development	◆◆◆◆◇

node js and sqlite are good combination

Outcome	Weight
Web Service Design and Implementation	◆◆◆◆◇

node js and sqlite are good combination

Outcome	Weight
Option Identification and Application Deployment	◆◆◆◆◇

node js and sqlite are good combination

Outcome	Weight
Achieved Outcome Justification	◆◆◆◆◇

node js and sqlite are good combination

Date	Author	Comment
2019/10/01 11:49	Achmad Kemal	Ready to Mark
2019/10/01 11:49	Michael Hobbs	Time Exceeded
2019/10/01 11:49	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work?
2019/10/01 11:58	Achmad Kemal	Ready to Mark
2019/10/01 11:58	Michael Hobbs	Time Exceeded
2019/10/04 12:17	Achmad Kemal	Ready to Mark
2019/10/04 12:17	Michael Hobbs	Time Exceeded
2019/10/04 12:17	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work?
2019/10/08 19:55	Achmad Kemal	Ready to Mark
2019/10/08 19:55	Michael Hobbs	Time Exceeded
2019/10/08 19:56	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work?
2019/10/10 12:19	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work?Pleasea
2019/10/10 12:55	Achmad Kemal	Ready to Mark
2019/10/10 12:55	Michael Hobbs	Time Exceeded
2019/10/10 16:08	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work?
2019/10/10 16:08	Achmad Kemal	pleaase
2019/10/10 16:08	Achmad Kemal	please

User Validation by Using Database

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/10/10 12:55

Tutor:

Michael HOBBS

Outcome	Weight
Explain Web Technologies	♦♦♦♦◊
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦♦♦♦◊
Option Identification and Application Deployment	♦♦♦♦◊
Achieved Outcome Justification	♦♦♦♦◊

node js and sqlite are good combination

October 10, 2019



```
1 <!doctype html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>Node Express For Task 9.1</title>
6     <link
7 href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
8 rel="stylesheet">
9   </head>
10  <body>
11    <div class="container">
12      <h3> Please enter your username and password to login:</h3>
13      <form action="/users" method="post">
14        <div class="form-group">
15          <label for="usr">Name:</label>
16          <input type="text" class="form-control" name="name" id="usr">
17        </div>
18        <div class="form-group">
19          <label for="pwd">Password:</label>
20          <input type="password" class="form-control" name="password"
21          id="pwd">
22        </div>
23        <br><br>
24        <button type="submit" class="btn btn-primary">Submit</button>
25      </form>
26    </div>
27  </body>
28 </html>
```

```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3
4 var app = express();
5 var sqlite3 = require('sqlite3').verbose();
6
7 // persistant file database "myDB".
8 var db = new sqlite3.Database('myDB1');
9
10 // now any files in public are routed
11 app.use(express.static('public'));
12
13 // Here we are configuring express to use body-parser as middle-ware.
14 app.use(bodyParser.urlencoded({ extended: false }));
15
16 // REST endpoint for getting all user data
17
18
19 app.get("/form", function(request, response) {
20     response.sendFile(__dirname + '/public_html/login.html')
21 });
22
23 app.get('/userstable', function (req, res) {
24
25     // Display a web page table
26     res.write('<html><body>');
27     res.write("<h3> The User Information Table </h3>");
28     res.write("<table><tr style='background-color:#006633'>");
29     res.write('<th width="150" style="color:#ffff99">ID</th>');
30     res.write('<th width="150" style="color:#ffff99">Username</th>');
31     res.write('<th width="150" style="color:#ffff99">Password</th><tr>');
32
33     // Retrieve data from table User on the server
34     // and display it in a web page table structure
35     db.all('SELECT * FROM User', function(err, rows){
36         rows.forEach(function (row){
37             res.write('<tr style="background-color:#ccffcc">');
38             res.write('<td width="150" align="center">' + row.id + '</td>');
39             res.write('<td width="150" align="center">' + row.username + '</td>');
40             res.write('<td width="150" align="center">' + row.password + '</td>');
41         });
42         res.write('</table>');
43         res.write('</body></html>');
44         res.send();
45     });
46 });
47
48 app.post('/users', function(request, response) {
49     let username = request.body.name;
50     let password = request.body.password;
51
52     db.all(`SELECT * FROM User WHERE username = "${username}" AND password =
53           "${password}"`, function(error, results, fields) {
```

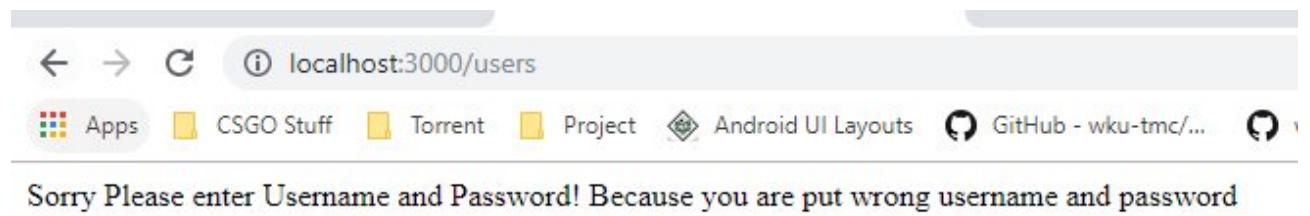
```
53     if (results.length == 0 ){
54         response.send('Sorry Please enter Username and Password! Because you
55             ↪ are put wrong username and password');
56     }
57     else{
58         if (results.length !=0 ){
59             if(results[0].username == username){
60                 response.send("Correct username and password");
61             }
62         }
63     }
64 });
65 });
66
67 // create a Node.js server that listens on port 3000.
68 app.listen(3000, function () {
69     console.log("My name is Achmad Mustafa Kemal");
70     console.log("This is task 10.2");
71     console.log("Web server running at: http://localhost:3000");
72     console.log("Press Ctrl+C to shut down the web server");
73 })
```

Please enter your username and password to login:

Name:

Password:





```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3
4 var app = express();
5 var sqlite3 = require('sqlite3').verbose();
6 app.use(express.static('public'));
7 app.use(bodyParser.urlencoded({ extended: false }));
8 var db = new sqlite3.Database('myDB1');           //file database
9
10 db.serialize(function() {
11
12     db.run("CREATE TABLE IF NOT EXISTS User (id TEXT, username TEXT, password
13         ↵ TEXT)");
14
15     db.run(`INSERT INTO User VALUES ("1", "john", "john2017")`);
16     db.run(`INSERT INTO User VALUES ("2", "nick", "nic774")`);
17     db.run(`INSERT INTO User VALUES ("3", "james", "jam93")`);
18     db.run(`INSERT INTO User VALUES ("4", "samantha", "sam103")`);
19
20     db.each("SELECT * FROM User", function(err, row) {
21         console.log("ID: " + row.id + " Username: " + row.username + " Password:
22             ↵ " + row.password);
23     });
24 });
25 db.close();
```

33 Retrieve and Delete Data from Database

NodeJS programming with database

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊

Node js is good combination with sqlite

Outcome	Weight
Web Service Design and Implementation	♦♦♦♦◊

Node js is good combination with sqlite

Outcome	Weight
Achieved Outcome Justification	♦♦♦♦◊

Node js is good combination with sqlite

Date	Author	Comment
2019/10/01 12:51	Achmad Kemal	Ready to Mark
2019/10/01 12:51	Michael Hobbs	Time Exceeded
2019/10/01 13:01	Achmad Kemal	Hey Dr Micheal Hobbs
2019/10/01 13:02	Achmad Kemal	Can you check my work?
2019/10/04 12:28	Achmad Kemal	Ready to Mark
2019/10/04 12:28	Michael Hobbs	Time Exceeded
2019/10/04 12:32	Achmad Kemal	Hey Dr Micheal Hobbs
2019/10/04 12:32	Achmad Kemal	Can you check my work?
2019/10/10 16:08	Achmad Kemal	Hey Dr Micheal Hobbs, can you check my work? please

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Retrieve and Delete Data from Database

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/10/04 12:28

Tutor:

Michael HOBBS

Outcome	Weight
Client-side Application Design and Development	♦♦♦♦◊
Web Service Design and Implementation	♦♦♦♦◊
Achieved Outcome Justification	♦♦♦♦◊

Node js is good combination with sqlite

October 4, 2019



```
1 var express = require('express')
2 var bodyParser = require("body-parser");
3
4 var app = express();
5 var sqlite3 = require('sqlite3').verbose();
6
7 // persistant file database "myDB".
8 var db = new sqlite3.Database('kemalDB');
9
10 //now any files in public are routed
11 app.use(express.static('public'));
12
13 //Here we are configuring express to use body-parser as middle-ware.
14 app.use(bodyParser.urlencoded({ extended: false }));
15
16 // REST endpoint for getting all user data
17
18 app.post('/users', function (req, res, next) {
19
20     var stmt = db.run(`INSERT INTO User VALUES ("${req.body.name}",
21         "${req.body.password}", "${req.body.optradio}")`);
22
23     // still display the default web page in public folder, i.e. index.html, for
24     // next data entering
25     res.status(200).redirect('/');
26 });
27 app.get('/userstable', function (req, res) {
28
29     // Display a web page table
30     res.write('<html><body>');
31     res.write("<h3> The User Information Table </h3>");
32     res.write(`<form action="/userstable" method="POST"><table><tr>
33         <th width="150" style="color:#ffff99"></th>;
34         <th width="150" style="color:#ffff99">ID</th>;
35         <th width="150" style="color:#ffff99">Username</th>;
36         <th width="150" style="color:#ffff99">Password</th><tr>');
37
38     // Retrieve data from table User on the server
39     // and display it in a web page table structure
40     db.all('SELECT * FROM User', function(err, rows){
41         rows.forEach(function (row){
42             res.write(`<tr style="background-color:#ccffcc">`);
43             res.write(`<td align="center"><input type="radio" id='optradio'
44                 name="optradio" value="${row.id}"></td>`);
45             res.write(`<td width="150" align="center">${row.id}</td>`);
46             res.write(`<td width="150" align="center">${row.username}</td>`);
47             res.write(`<td width="150" align="center">${row.password}</td></tr>`);
48         });
49         res.write(`</table>`);
50         res.write(`<input type="submit" value="Delete">`);
51         res.write(`</form></body></html>`);
52     });
53 });
```

```
50 });
51
52 app.post('/userstable', function (req, res) {
53     let theID = req.body.optradio;
54     console.log(theID);
55     db.run(`DELETE FROM User WHERE id="${theID}"`);
56     res.status(200).redirect('/userstable');
57 });
58
59 // create a Node.js server that listens on port 3000.
60 app.listen(3000, function () {
61     console.log("My name is Achmad Mustafa Kemal");
62     console.log("This is task 10.3");
63     console.log("Web server running at: http://localhost:3000");
64     console.log("Check: http://localhost:3000/userstable");
65     console.log("Press Ctrl+C to shut down the web server");
66 })
```

← → C ⓘ localhost:3000/userstable

_apps CSGO Stuff Torrent Project Android UI Layouts GitHub - wku-tmc/...

The User Information Table

	ID	Username	Password
<input type="radio"/>	1	john	john2017
<input type="radio"/>	2	nick	nic774
<input type="radio"/>	3	james	jam93
<input checked="" type="radio"/>	4	samantha	sam103

Delete

The screenshot shows a web browser window with the URL `localhost:3000/userstable`. The title bar says "OnTrack". Below the address bar, there are several icons for "Apps", "CSGO Stuff", "Torrent", "Project", "Android UI Layouts", and "GitHub - wku-tmc/...". The main content is titled "The User Information Table". A table with four columns is displayed:

	ID	Username	Password
●	1	john	john2017
●	2	nick	nic774
●	3	james	jam93

A "Delete" button is located at the bottom left of the table.

34 Draft Learning Summary

Draft of learning summary for unit SIT774

Outcome	Weight
Achieved Outcome Justification	◆◆◆◆◆

Summarize report is a good thing for this subject

Date	Author	Comment
2019/10/04 21:45	Achmad Kemal	Ready to Mark
2019/10/04 21:45	Achmad Kemal	Hey Micheal
2019/10/04 21:46	Achmad Kemal	Can you check my work?
2019/10/04 21:48	Achmad Kemal	Ready to Mark
2019/10/04 22:10	Achmad Kemal	Ready to Mark
2019/10/05 17:31	Achmad Kemal	Ready to Mark
2019/10/10 12:20	Achmad Kemal	Please check my work
2019/10/10 16:08	Achmad Kemal	please
2019/10/10 16:09	Achmad Kemal	please check my work

DEAKIN UNIVERSITY

WEB TECHNOLOGIES AND DEVELOPMENT

ONTRACK SUBMISSION

Draft Learning Summary

Submitted By:

Achmad Mustafa KEMAL
akemal
2019/10/05 17:31

Tutor:

Michael HOBBS

Outcome	Weight
Achieved Outcome Justification	♦♦♦♦♦

Summarize report is a good thing for this subject

October 5, 2019





SIT774

Web Technologies and Development

Learning Summary Report

Achmad Mustafa Kemal
219374683

Self-Assessment Details

The following checklists provide an overview of my self-assessment for this unit.

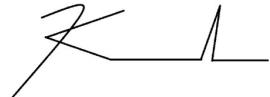
	Pass (D)	Credit (C)	Distinction (B)	High Distinction (A)
Self-Assessment				✓

Self-Assessment Statement

Declaration

I declare that this portfolio is my individual work. I have not copied from any other student's work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part of this submission been written for me by another person.

Signature: **Achmad Mustafa Kemal**



Portfolio Overview

Start with something like “This portfolio includes work that demonstrates that I have achieved all Unit Learning Outcomes for SIT774 Unit Title to a **High Distinction** level.”

I believe that I should get a High Distinction grade because I finished all tasks with a High Distinction grade target. Also, I believe that I reached all unit learning outcomes for SIT774. I can develop a website using HTML, CSS, Bootstrap and Javascript. Also, I can implement a database like SQLite3 in my website. I also can identify what my friend is doing in this subject. I can fix their problem in their code and give a solution to them about their problem. Now, I can know about website development.

To become a High Distinction candidate, I believe that I cover all aspects including learning outcomes. There are explain web technologies, client-side application design and development, web service design and implementation, option identification and application deployment and achieved outcome justification.

In the explain web technologies section, I must explain about purpose and operation of technologies that I want to use in my website project. There is related task for this learning outcome are Task 1.2 (Serve your own webpage) and Task 2.3 (publish a structural web page). For Task 1.2, I just create static HTML code that I must write it to finish the task. It's just only HTML and this is the beginning of the task for this subject. For Task 2.3, I must create a HTML file and must validate from W3C markup validation service. W3C markup validation service is a formal validation for websites. Mostly people use W3C to validate their website.

In the client-side application design and development (CADD) side, I must design and develop a client that based website with using tools, programming language and frameworks. There is related task with this learning outcome. There are Task 2.1 (Add image and hyperlinks into a webpage) and Task 2.2 (Create tables in your web page). For Task 2.1, I must create a website and must make link using the hyperlink in the HTML code. Hyperlink is a function that links to another page. We can use text for link and we can use image for using hyperlink. For Task 2.2, I create a table with using HTML code. In the beginning, I feel difficult but I found a way to finish the task.

In the web service design and implementation, it's almost the same like client-side application design and development (CADD) but I must use Node JS for this learning outcome. There is related task with this learning outcome. There are Task 8.1 (Creating a Node project) and Task 8.2 (Writing a Server Application). For Task 8.1, this task is creating a Node project for the first time. With using “app.get”, I can handle dynamic creation of code to send back. For Task 8.2, I create a Node project for the second time. This task makes us to show multiplication table in the local host with using Node JS.

In the option identification and application deployment, I must identify any chance to deploy web applications to environments. There is related task with this learning outcome. There are Task 5.3 (Website project specification, design and draft pages) and Task 9.3 (Create a Response Page for Website Project). Task 5.3 is creating our own website for this subject. So, I must customize our own website project. Task 9.3 is for creating a response page for my website.

project. For example, if the user type value in the form of my website, the user will know that their submitted data will be stored in the website.

The last thing is achieved outcome justification. This learning outcome is only justifying your own website. I must provide relevant evidence and explain the quality of that evidence against criteria. Task 7.4 (Improve your website) is related to this learning outcome because the task providing us to a relevant evidence to improve our website project. So, I must improve website and justify what is improvement that implemented in my website project.

In my conclusion, I should get a High Distinction grade because I'm doing better in all tasks. I also give best performance to this subject to get a best result in this tri semester.

Reflections

The most important things I learnt:

On this subject, I learn about how to develop a website with using Node JS, html, css, Javascript, bootstrap and SQLite3. There are many learning key points that I get in this subject. First learning key point is I can development website with new website tool like Node JS and SQLite3 because I'm still new about Node JS and SQLite3. I learn these two-website tool. Second learning key point is I learn more in-depth with Bootstrap, CSS and HTML. I know more about structure of HTML, CSS and Bootstrap.

I feel I learnt these topics, concepts, and/or tools really well:

The things are I really confident about Bootstrap and Javascript. Bootstrap is a modern CSS file for design a website. With using Bootstrap, the website looks tidier up and nice. Bootstrap is a helper for me to design my website. For Javascript, I used for validation in my website. Javascript is make my website have validation when the user visits my website.

I found the following topics particularly challenging:

I found the following topics particularly challenging are Task 10.2 (User Validation by Using Database) and Task 10.3 (Retrieve and Delete Data from database). The reason why I found the topic challenging because I must use SQLite3 in the website. For myself, I'm new with SQLite3 and I must learn about how to setup Node JS first and install SQLite3 into Node JS with using NPM installation.

I found the following topics particularly interesting:

The most interesting thing I learnt from this unit is I know the structure about Website development. In the past, I think it's all about coding but I realized that we must know structure our website project that want to developed. So that thing makes me more interesting about this subject.

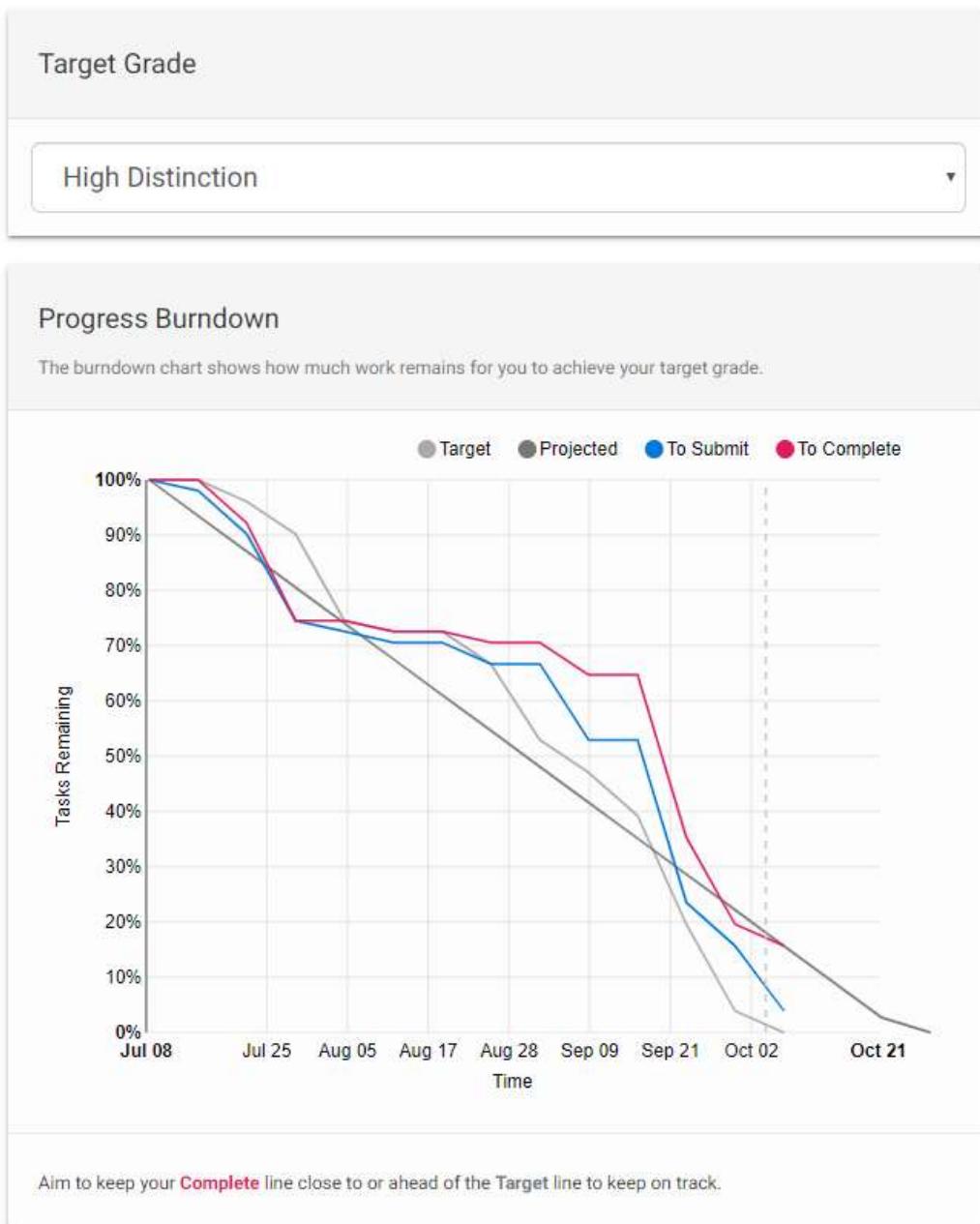
I still need to work on the following areas:

I still need to work on the following areas is SQLite3 in this subject. I'm just learn about SQLite3 only 2 weeks. For myself, it's not enough to only know about SQLite3 because I never know about SQLite3. I'm just know about MySQL to use for web development. So, I need to learn more about SQLite3.

The things that helped me most were:

The most helpful to help me in this subject are lecture and classmate. The lecture is so friendly and fast respond about my problem that I faced in this subject. The lecture always gives good feedback and good idea to me. Without him, maybe I found difficulty in this subject but the lecture always helps me in this subject. Also, my classmate helps me to solve my problem and discuss about the problem of website development. Having discussion with classmate is always good idea. Sometime they come out a good idea to website development.

My progress in this unit was ...:



My progress in this unit is almost done with all task in this unit. After I finish all task, I hope I can get HD result.

If I did this unit again, I would do the following things differently:

If I did this unit again, I would manage time about learn SQLite3 because SQLite3 is simple database that can be used for website development. I want to try something new like SQLite3. So, I need time to learn more about SQLite3.

Other...:

My reflection is this unit will help a lot if I choose my job to become IT Professional in the future. Website development is always an interesting job in the IT industry. Website is still a popular thing in the IT industry area.