

POLYTECHNIC SEBERANG PERAI

DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

SESSION: I 2023/2024

DFT40163 WEB DESIGN TECHNOLOGY

LECTURER: PN. SHU HAILA BINTI MOHD YUSOF

	CLASS: DDT4C	ASSESSMENT: LABORATORY TASK 5		
NO	REG. NO.	NAME		
1.	10DDT22F1071	JIVEANTHIRAN A/L GUNALAN		
2.	10DDT22F1500	SHARVINDSRI NAIR A/L MANIMAREN		
3.	10DDT22F1068	BRUNTA A/P KRISHNAMOORTHY		
4.	10DDT22F1051	NADIA BINTI SHAHRUL AZMEE		
	Submission Date	30-11-2023		

CLO	MARKS
CLO 1P	/50
Total marks (SPMP)	/100



DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY COURSEWORK ASSESSMENT (SESSION: 1 2023/2024)

COURSE CODE	-	DFT40163
COURSE NAME	:	WEB DESIGN TECHNOLOGY
ASSESSMENT TASK	-	LAB TASK 5 (Duration 4 hours)
TOPIC	1	5 – WEB MOBILE FRAMEWORK
CLO	:	1 - Construct the HTML, CSS, JavaScript and jQuery in developing an interactive web page that can be published on web browser (P4, PLO 3)
Duration	:	4 hours

CLO	MARKS
CLO 1P	/50
Total marks	/100

INSTRUCTION:

This laboratory task shall be completed in groups (3 @ 4 members).

Read the QUESTIONS and refer to attached RUBRIC for MARKING SCHEME carefully.

LAB REPORT FORMAT

Content of the LAB REPORT:

All parts of this question sheet must be sent back together with:

- 1. A rubric sheet that has been filled with a list of groups members.
- 2. All coding
- 3. Screenshot of the output

Report Format

1. Font for source code – Consolas, Size-10, single spacing.

Submission Procedure:

- 1. Submit a compressed folder consisting of the report, all images, HTML, CSS, JS and related files in LMS CIDOS.
- 2. Before you submit, please make sure your page is working correctly.

Warning!

Marks will be deducted for any plagiarism from the total marks achieved.

Instruction:

This laboratory task shall be completed in group 3-4 members. Read the QUESTIONS and refer to attached RUBRIC for MARKING SCHEME carefully.

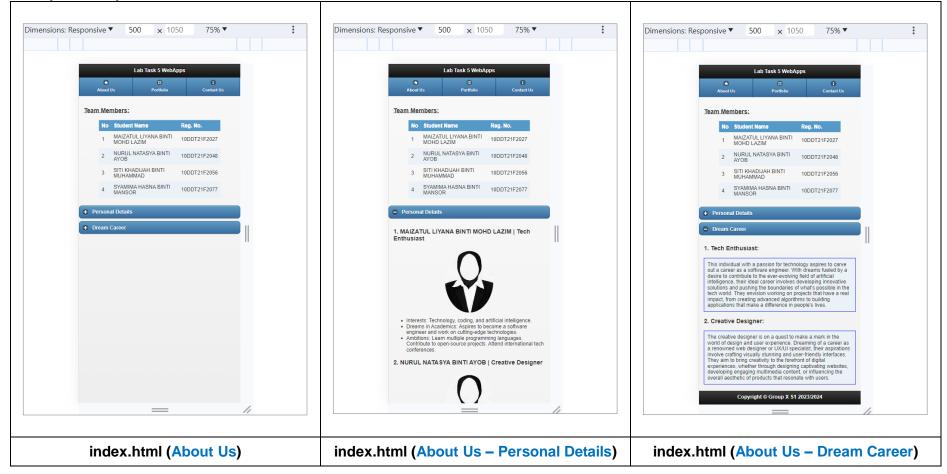
Task Question: (CLO1, P4)

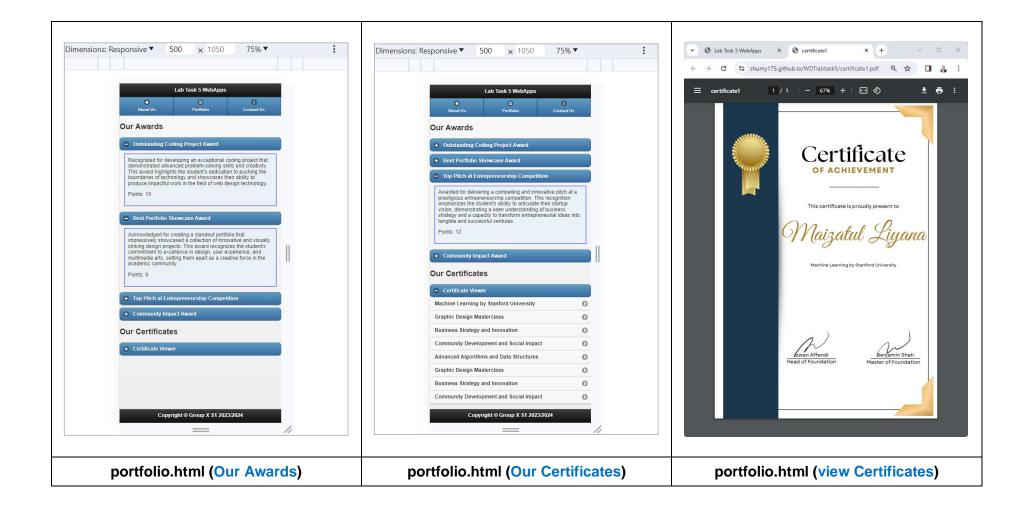
- 1. Construct the HTML, CSS, JavaScript and jQuery in developing an interactive web page that can be published on web browser which has the following characteristics:
 - i. Apply jQuery framework for the website that has a Layout as shown in the Diagrams on the next page. Provide 3 pages which are: About Us, Portfolio and Contact us. You can use the same content, but some parts must be changed according to the names, images and contact details of your group members. Apply the mobile Webapps architecture: roles; theming and page.
 - ii. Apply appropriate buttons and links for all menus so they can be linked to the correct pages.
 - iii. Write codes to enable the web app to directly make a call send email and WhatsApp.
 - iv. Write 'Copyright © DDT4 S1 2023/2024. All rights reserved' at footer area and centre alignment.
 - v. Manipulate dialogs according to the needs of the pages and your creativity.
 - vi. Apply resources' hosting:
 - a. Host all the files within our project for Webapps application.
 - b. Use a Content Delivery Network (CDN) for Webapps application.

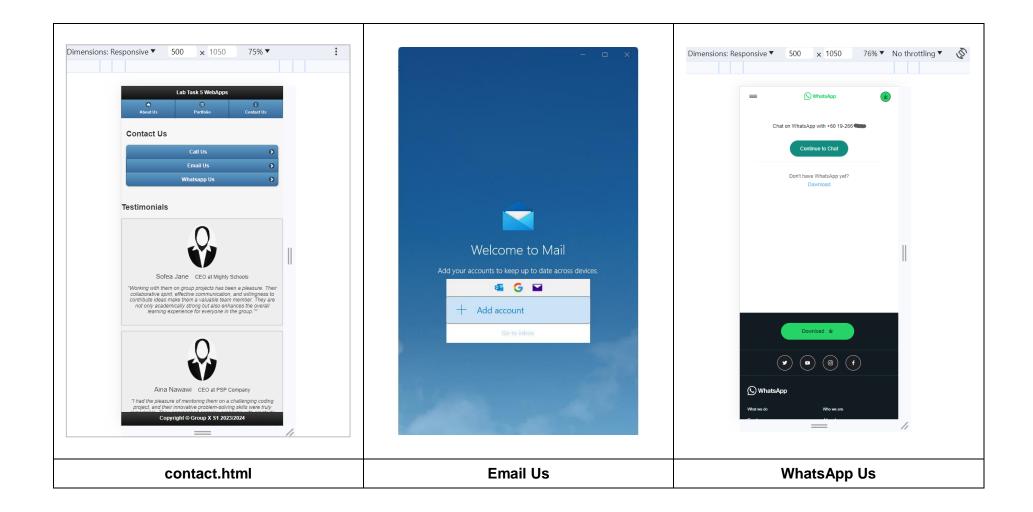
Note:

- Select the appropriate web hosting package and connect the FTP software to the web hosting. Eg: https://www.infinityfree.net/, https://pages.github.com/, etc.
- ii. Make sure all screenshots provided are in **responsive** view format.

Example of outputs:







INFORMATION AND COMMUNICATION TECHNOLOGY DEPARTMENT LAB TASK 5 RUBRIC | SESSION 1 2023/2024

COURSE CODE	DFT	40163	COURSE NAME	WE	B DESIGN TECHNOLOGY
ASSESSMENT TASK	LAB	TASK 5	LECTURER'S NAME	PN. SHU HAILA BINTI MOHD YUSOF	
STUDENT'S NAME	1	JIVEANTHIRAN A/L GUNALAN	REGISTRATION NUMBER	1	10DDT22F1071
	2 SHARVINDSRI NAIR A/L MANIMAREN			2	10DDT22F1500
	3	BRUNTA A/P KRISHNAMOORTHY		3	10DDT22F1068
	4	NADIA BINTI SHAHRUL AZMEE		4	10DDT22F1051

SCORE	4	3	2	1	STUDENTS' SCORE			
ITEM					1	2	3	4
jQuery framework		jQuery framework is fully used.	jQuery framework almost complete.	jQuery framework incomplete.				
Use the layout provided				Yes				
The navigation bar		Consist of THREE (3) menus	Consist of TWO (2) menus	Consist of ONE (1) menu				
Set hyperlinks for all menus so they can be linked to the correct pages.	All menus can be linked to the correct section perfectly	Only TWO (2) menus can be linked to the correct section perfectly	Only ONE (1) menu can be linked to the correct section perfectly	All menus can be linked but not at the correct section				
Complete and meaningful content for the About Us page.		Excellent use of content.	Good use of content	Unable to use content is supposed.				
Complete and meaningful content for the Portfolio page.		Excellent use of content.	Good use of content	Unable to use content is supposed.				
Write 'Copyright © DDT4 S1 2023/2024. All rights reserved' at footer area and centre alignment.			Apply TWO (2) criteria for footer	Apply either ONE (1) criterion for footer				_
Suitable padding and margin shall be set for: navigation bar, content, and footer.		Apply padding and margin to navigation bar, content, and footer	Apply either padding or margin to navigation bar, content, and footer	Apply padding and margin to ONE (1) section only (navigation bar/content/footer)				

SCORE	4	3	2	1	STUDENTS' SCORE			
II EIVI					1	2	3	4
Apply suitable layouts for all pages.		All the page layout looks tidy and organized.	Almost the page layout looks tidy and organized.	The page layout is not organized				
Table created.	All tables are completely complete.	Only 3/4 of the table is complete.	Only 1/2 of the table is complete.	The table is not complete.				
Write codes to enable the web app to directly make a call and send email/WhatsApp	All criteria applied	Use TWO (2) codes to enable the web app to directly make a call or send email/WhatsApp.	Use ONE (1) code to enable the web app to directly make a call or send email/WhatsApp.	All items are either incomplete or not working.				
Apply suitable layout for the testimonial's content			The page layout looks tidy and organized.	The page layout is not organized				
CSS applied	Apply CSS to all elements.	Almost all elements without CSS style.	Only 2 elements have no CSS style.	Most items are not CSS applied				
Apply resources' hosting		Meet all the right expectations.	Almost meets the expectations.	Did not meet expectations.				
Content Delivery Network (CDN)		Content Delivery Network almost complete.	Content Delivery Network incomplete.	Content Delivery Network is fully used.				
Student Preparedness		Laboratory reports that are complete, neat, and organized.	Laboratory reports are presented in a less neat and organized order.	Lab reports are made in a sloppy and disorganized manner.				
Task Completion within Time Allocated			Yes	No				
				TOTAL SCORE (/50)				

Note: A mark of ZERO (0) will be given if all items for score 1-4 are NOT fulfilled as specified or NO answer is given by the student.

~End of Question~

Answer Sheet: Coding and Screenshot

URL:

Reminder:

- 1. Font for source code Consolas, Size-10, single spacing.
- 2. Make sure all screenshots provided are in **responsive** view format.

```
INDEX.HTML
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Lab Task 5 WebApps</title>
 <script src="http://code.jquery.com/jquery-1.8.2.min.js"></script>
 <script src="http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js"></script>
 <!-- Font Awesome CDN -->
 <style>
 .section-title {
  font-size: 24px;
  font-weight: bold;
  margin-bottom: 20px;
  text-align: left;
 }
 .content-title {
  padding: 10px 20px;
  background-color: #0868AC;
  color: #fff;
  border-radius: 10px;
  cursor: pointer;
  margin-bottom: 10px;
  text-align: left;
 .content-details {
  display: none;
  padding: 20px;
  background: linear-gradient(to bottom right, #b3e0ff, #ffffff);
  border-radius: 10px;
 @media (max-width: 500px) {
  .container {
   text-align: center;
   margin: 16px auto;
   padding: 16px;
  }
 }
       .content-details img {
width: 300px;
 </style>
</head>
```

```
<body>
<div data-role="page" id="index">
 <div data-role="header">
  <h1> Lab Task 5 WebApps</h1>
 </div>
 <div data-role="navbar">
   <a href="index.html" rel="external" data-theme="b" data-icon="home">About Us</a>
   <a href="Portfolio.html" rel="external" data-theme="b" data-icon="grid">Portfolio</a>
   <a href="Contact.html" rel="external" data-theme="b" data-icon="info">Contact Us</a>
  </div>
      <div data-role="content">
 <h2>Team Members</h2>
NO
   STUDENT NAME
   REG.NO
  1
   JIVEANTHIRAN A/L GUNALAN
   10DDT22F1071
  2
   SHARVINDSRI NAIR A/L MANIMAREN
   10DDT22F1500
  3
   BRUNTA A/P KRISHNAMOORTHY
   10DDT22F1068
  4
   NADIA BINTI SHAHRUL AZMEE
   10DDT22F1051
  <hr>
      </div>
<div class="content-title" data-theme="b">
   <i class="fas fa-plus"></i> PERSONAL DETAILS
   </div>
   <div class="content-details">
   <b>1.JIVEANTHIRAN A/L GUNALAN</b>
  <img src="jivean.jpg" />
  ATE OF BIRTH: 10 MAY 2004
   LIVE'S IN PERAK 
   AMBITIONS: DATA SCIENTIST
   DREAM IN ACADEMICS: PURSUING A PHD IN THE IT FIELD
   HOBBY: WATCHING AND PLAYING FOOTBALL
   DIPLOMA IN INFORMATION TECHNOLOGY (DIGITAL)
```

```
<b>2.SHARVINDSRI NAIR A/L MANIMAREN</b>
  <img src="sharvind.jpg"/>
  Ali>DATE OF BIRTH: 19 JUNE 2004
   LIVE'S IN PERAK 
   AMBITIONS: CYBERSECURITY
   DREAM IN ACADEMICS: PURSUING A MASTER'S IN CYBERSECURITY
   HOBBY: GAMING
   DIPLOMA IN INFORMATION TECHNOLOGY (DIGITAL)
   <b>3.BRUNTA A/P KRISHNAMOORTHY</b>
  <img src="brunta.jpg"/>
  Ali>DATE OF BIRTH: 23 SEP 2004
   LIVE'S IN SELANGOR
   AMBITIONS: SOFTWARE ENGINEER
   <Ii>DREAM IN ACADEMICS: ACHIEVE MASTERY IN CUTTING-EDGE TECHNOLOGIES, BLENDING CREATIVITY WITH
INNOVATION, AND EMERGE AS A LEADING IT PROFESSIONAL.
   HOBBY: PLAYING BADMINTON
   DIPLOMA IN INFORMATION TECHNOLOGY (DIGITAL)
  <b>4.NADIA BINTI SHAHRUL AZMEE</b>
  <img src="nadia.jpg" />
  ATE OF BIRTH: 16 NOV 2004
   <Ii>LIVE'S IN SELANGOR </Ii>
   AMBITIONS: SOFTWARE ENGINEERING
   DREAM IN ACADEMICS: ASPIRES TO BECOME A SOFTWARE ENGINEERING AND WORK IN A GOOD COMPANY
   HOBBY: GAMES AND LISTEN TO MUSIC
   DIPLOMA IN INFORMATION TECHNOLOGY (DIGITAL)
  </div>
 <div class="content-title" data-theme="b">
    <i class="fas fa-plus"></i> DREAM CAREER
   </div>
   <div class="content-details">
  <b>1.JIVEANTHIRAN A/L GUNALAN</b>
   A Data Scientist that unravel complex datasets, uncovering valuable insights that drive informed
decisions and innovation in a data-driven world.
  <b>2.SHARVINDSRI NAIR A/L MANIMAREN</b>
   A (AI) Engineer that craft innovative solutions and push boundaries in artificial intelligence, shaping
the future of technology and its transformative impact on society.
  <b>3.BRUNTA A/P KRISHNAMOORTHY</b>
  Become a cybersecurity expert, safeguarding digital landscapes from evolving threats and ensuring
the integrity and security of sensitive information.
  <b>4.NADIA BINTI SHAHRUL AZMEE</b>
   Software engineers create web applications, mobile apps, robots, operating systems, and network
systems. They develop software solutions that meet their companies' needs and expectations. software engineering can be
somewhat hard to learn initially – especially for those without programming or coding skills or any background or
knowledge of tech – but there are many courses, tools, and other resources available to help people learn to become a
```

Software Engineer.

```
</div>
</div>
<div data-role="footer" data-position="fixed">
        <h4>Copyright &copy; DDT4 S1 2023/2024</h4>
        </div>
         <script>
   $(document).ready(function() {
    // Toggle content visibility when clicking on the title
    $('.content-title').click(function() {
     $(this).next('.content-details').slideToggle();
     $(this).find('i').toggleClass('fa-plus fa-minus');
    });
  });
  </script>
</div>
</body>
</html>
```

```
PORTFOLIO.HTML
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Lab Task 5 WebApps</title>
</l></l></l></
<script src="http://code.jquery.com/jquery-1.8.2.min.js"></script>
<script src="http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js"></script>
<!-- Font Awesome CDN -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
<style>
 .section-title {
  font-size: 24px;
  font-weight: bold;
  margin-bottom: 20px;
  text-align: left;
 }
 .content-title {
  padding: 10px 20px;
  background-color: #0868AC;
  color: #fff;
  border-radius: 10px;
  cursor: pointer;
  margin-bottom: 10px;
  text-align: left;
 }
 .content-details {
  display: none;
  padding: 20px;
  background: linear-gradient(to bottom right, #b3e0ff, #ffffff);
  border-radius: 10px;
 @media (max-width: 500px) {
  .container {
   text-align: center;
   margin: 16px auto;
   padding: 16px;
  }
 }
</style>
</head>
```

```
<body>
 <div data-role="page" id="index">
  <div data-role="header">
   <h1> Lab Task 5 WebApps</h1>
  </div>
  <div data-role="navbar">
   ul>
    <a href="index.html" rel="external" data-theme="b" data-icon="home">About Us</a>
    <a href="Portfolio.html" rel="external" data-theme="b" data-icon="grid">Portfolio</a>
    <a href="Contact.html" rel="external" data-theme="b" data-icon="info">Contact Us</a>
   </div>
  <div data-role="main" class="ui-content">
   <!-- Content within the centered container -->
   <div class="container">
    <div class="section-title">Our Awards</div>
    <!-- Outstanding Coding Project Award -->
    <div class="content-title" data-theme="b">
     <i class="fas fa-plus"></i> Outstanding Coding Project Award
    </div>
    <div class="content-details">
     Recognized for developing an exceptional coding project that demonstrated advanced problem-solving skills and
creativity. This award highlights the student's dedication to pushing the boundaries of technology and showcases their
ability to produce impactful work in the field of web design technology.
     Points: 10
    </div>
    <!-- Best Portfolio Showcase Award -->
    <div class="content-title" data-theme="b">
     <i class="fas fa-plus"></i> Best Portfolio Showcase Award
    </div>
    <div class="content-details">
     Acknowledged for creating a standout portfolio that impressively showcased a collection of innovative and
visually striking design projects. This award recognizes the student's commitment to excellence in design, user experience,
and multimedia arts, setting them apart as a creative force in the academic community.
     Points: 8
    </div>
    <!-- Top Pitch at Entrepreneurship Competition -->
    <div class="content-title" data-theme="b">
     <i class="fas fa-plus"></i> Top Pitch at Entrepreneurship Competition
    </div>
    <div class="content-details">
     Awarded for delivering a compelling and innovative pitch at a prestigious entrepreneurship competition. This
recognition emphasizes the student's ability to articulate their startup vision, demonstrating a keen understanding of
business strategies and a capacity to transform entrepreneurial ideas into successful ventures.
     Points: 12
    </div>
    <!-- Community Impact Award -->
    <div class="content-title" data-theme="b">
     <i class="fas fa-plus"></i> Community Impact Award
    </div>
    <div class="content-details">
     Recognizes the student's outstanding contribution to the community through technology-driven initiatives that
have positively impacted society. This award acknowledges the student's efforts in leveraging technology for social good,
fostering positive change, and making a difference in people's lives.
     Points: 9
    </div>
```

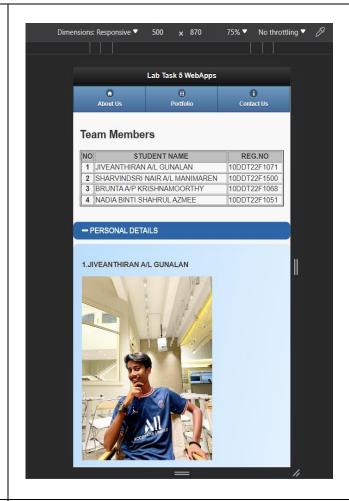
```
<!-- Our Certificates -->
   <div class="section-title">Our Certificates</div>
<!-- Certificate Viewer -->
<div class="content-title" data-theme="b">
<i class="fas fa-plus"></i> Certificate Viewer
</div>
<div class="content-details">
<span>Machine Learning by Stanford University</span>
 <a href="https://drive.google.com/file/d/1jMQmnqLW1r4jNdU0nr1rHP13YjnAaO9z/view?usp=sharing"
target=" blank">
  <i class="fas fa-chevron-right" style="font-size: 1em;"></i>
 </a>
 <hr>
 <span>Business Strategy and Innovation</span>
 <a href="https://drive.google.com/file/d/1YQ_WVAZU1mxcDsfASR0P2sN6BgLQdj__/view?usp=sharing"
target=" blank">
  <i class="fas fa-chevron-right" style="font-size: 1em;"></i>
 </a>
 <hr>
 <span>Community Development and Social Impact/span>
 <a href="https://drive.google.com/file/d/1jppTuZbbSBl8zo-pbSIffGrlQH5z-A0I/view?usp=sharing" target=" blank">
  <i class="fas fa-chevron-right" style="font-size: 1em;"></i>
 </a>
 <hr>
 <span>Advanced Algorithms and Data Structures/span>
 <a href="https://drive.google.com/file/d/1hJil58V-DsT-6 AwlqsHsDV1kLY9ZeeP/view?usp=sharing" target=" blank">
  <i class="fas fa-chevron-right" style="font-size: 1em;"></i>
 </a>
 <hr>
 <span>Graphic Design Masterclass
 <a href="https://drive.google.com/file/d/1EeWd62hG7WgE-Ls0HZrYWhN_Kxhwuhzd/view?usp=sharing"
target=" blank">
  <i class="fas fa-chevron-right" style="font-size: 1em;"></i>
 </a>
<!-- Add more certificates or viewers with toggle functionality -->
  </div>
  </div>
 <div data-role="footer" data-position="fixed">
  <h4>Copyright &copy; DDT4 S1 2023/2024. All rights reserved</h4>
 </div>
  <script>
  $(document).ready(function() {
   // Toggle content visibility when clicking on the title
   $('.content-title').click(function() {
    $(this).next('.content-details').slideToggle();
    $(this).find('i').toggleClass('fa-plus fa-minus');
   });
  });
 </script>
 </div>
</body>
</html>
```

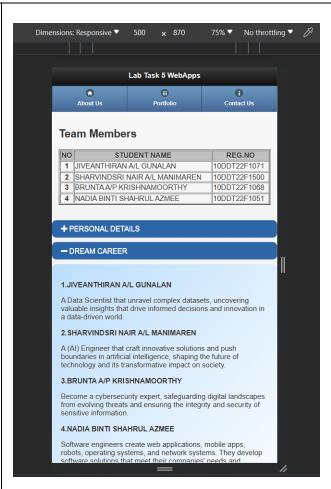
```
CONTACT.HTML
<!DOCTYPE html>
<html>
<head>
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <title>Lab Task 5 WebApps</title>
 <link rel="stylesheet" type="text/css" href="http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css"/>
 <script src="http://code.jquery.com/jquery-1.8.2.min.js"></script>
 <script src="http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js"></script>
 <meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {
font-family: 'Arial', sans-serif;
  }
.container span,
.container p {
 font-family: 'Arial', sans-serif;
.container {
border: 2px solid #ccc;
background-color: #ccc;
border-radius: 5px;
padding: 16px;
margin: 16px 0
.container::after {
content: "";
clear:both;
display: table;
.container img{
float: left;
margin-right: 20px;
}
.container span {
font-size: 16px;
margin-right: 15px;
@media (max-width: 500px) {
 .container {
  text-align: center;
 }
}
.container img {
 margin: auto;
 float: none;
 display: block;
 width: 50%
 }
}
</style>
</head>
```

```
<body>
<div data-role="page" id="index">
<div data-role="header">
 <h1> Lab Task 5 WebApps</h1>
</div>
<div data-role="navbar">
<a href="index.html" rel="external" data-theme="b" data-icon="home">About Us</a>
       <a href="Portfolio.html" rel="external" data-theme="b" data-icon="grid">Portfolio</a>
       <a href="Contact.html" rel="external" data-theme="b" data-icon="info">Contact Us</a>
</div>
<div data-role="content">
  <h2>Contact Us</h2>
        <a href="tel:+0139636895" data-role="button" data-theme="b" data-icon="arrow-r"><center>Call
Us</center></a>
       <a href="mailto:brunta12544@gmail.com"data-role="button" data-theme="b" data-icon="arrow-
r"><center>Email Us</center></a>
        <a href="https://wa.me/60139636895"data-role="button" data-theme="b" data-icon="arrow-
r"><center>Whatsapp Us</center></a>
        </div>
<h2>Testimonials</h2>
<div class="container">
 <img src="jivean.JPG" style="width:120px">
 <center><span>JIVEANTHIRAN A/L GUNALAN</span>
 SEMESTER 4
 <i>"Choosing Politeknik Seberang Perai for my Diploma in Digital Technology has been a game-changer. The
curriculum is comprehensive, covering everything from programming to digital design. The hands-on approach and well-
equipped labs have made the learning experience both engaging and practical. I feel well-prepared for a future in the
dynamic field of digital technology."</i></center>
 </div>
 <div class="container">
 <img src="sharvind.JPG" style="width:120px">
 <center><span>SHARVINDSRI NAIR A/L MANIMAREN</span>
 SEMESTER 4
 <i>"Politeknik Seberang Perai has exceeded my expectations in delivering a top-notch education in Digital
Technology. The dedicated lecturers and industry-relevant curriculum have equipped me with the skills needed in today's
tech-driven world. The emphasis on projects and teamwork has enhanced my problem-solving abilities, and I am confident
about entering the workforce with a strong foundation."</i></center>
 </div>
<div class="container">
 <img src="brunta.JPG" style="width:120px">
<center><span>BRUNTA A/P KRISHNAMOORTHY</span>
 SEMESTER 4
 <i>"Embarking on my Diploma in Digital Technology journey at Politeknik Seberang Perai has been thrilling. The
supportive learning environment, coupled with the cutting-edge technology used in the labs, has made the learning
process enjoyable. I appreciate the balance between theoretical knowledge and practical application, and I look forward to
exploring the diverse aspects of digital technology in the coming years."</i></center>
 </div>
 <div class="container">
 <img src="nadia.JPG" style="width:120px">
 <center><span>NADIA BINTI SHAHRUL AZMEE </span>
 SEMESTER 4
 <i>"As an Information Technology student, I appreciate the modern infrastructure and up-to-date labs at Politeknik
Seberang Perai. The curriculum is designed to keep pace with industry trends, and the supportive lecturers make complex
topics easy to understand. I am confident that the skills I am acquiring here will open doors to exciting career
opportunities."</i></center>
 </div>
```

OUTPUT CODING INDEX.HTML





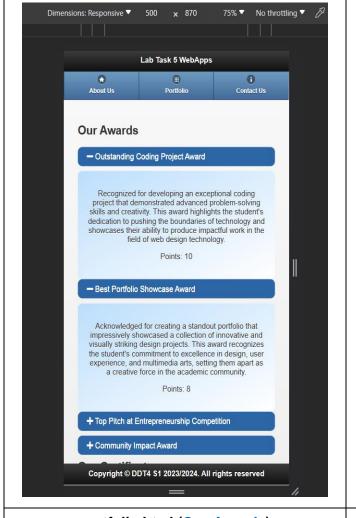


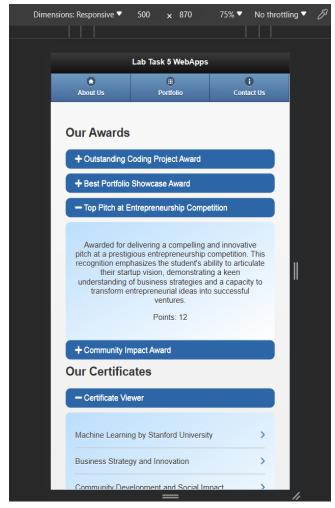
index.html (About Us)

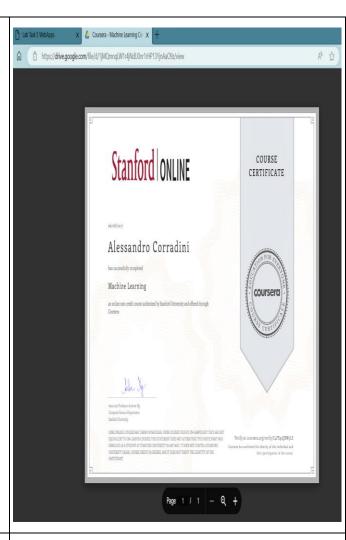
index.html (About Us - Personal Details)

index.html (About Us - Dream Career)

OUTPUT CODING PORTFOLIO.HTML







portfolio.html (Our Awards)

portfolio.html (Our Certificates)

portfolio.html (view Certificates)

OUTPUT CODING CONTACT.HTML

