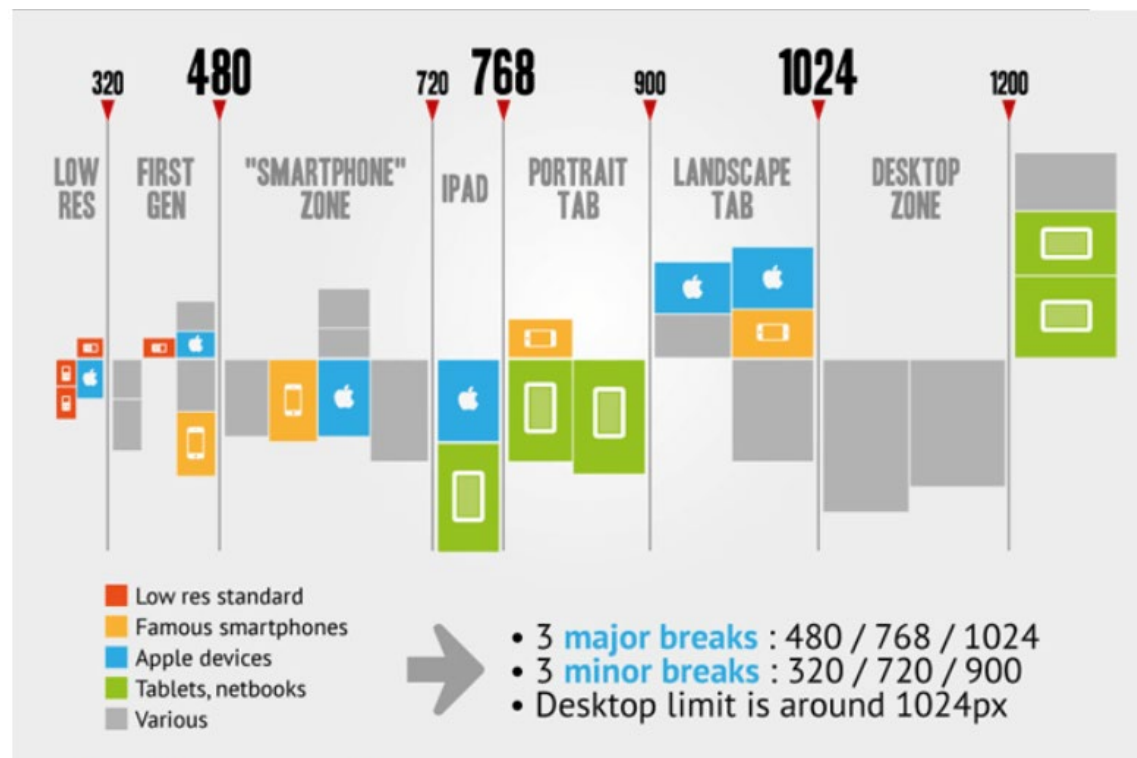# 利用Bootstrap美化

ADT106109黃郁芳

何謂RWD?

- 響應式網頁設計(Responsive Web Design)簡稱RWD

- 以百分比的方式做彈性的畫面設計

- 在不同解析度下改變網頁頁面的佈局排版

- 讓不同的設備都可以正常瀏覽同一網站

中斷點示意圖(break point)

◆電腦版裝置尺寸：1024px以上

◆平板裝置尺寸：720px ~ 1024px之間

◆手機板裝置尺寸：320px ~ 720px之間

何謂bootstrap？好處？

- Bootstrap 是一個由 HTML、CSS 和 JavaScript 寫成的開源前端框架

- 目標是達成RWD響應式與行動優先

- 已預先做好一套網站的基礎建設，能在框架的基礎上進行開發

- 好處：不需要再去煩惱瑣碎的設定(例如：不用特別自己寫CSS、RWD)

RWD參考網站

- RWD教學入門：響應式網頁設計的實作方法

- 【HTML、CSS教學】11. RWD 響應式網頁

- [筆記] 基本RWD版型設計

Bootstrap參考網站

- Bootstrap官方網站

- 全系列bootstrap教學文章 - 系列文章

Framingham心血管疾病風險預測

危險因子	單位	資料
性別		○男 ◉女
年齡	歲	10 ▾
血壓	舒張壓	小於80 ▾
	收縮壓	小於120 ▾
使用高血壓藥物		☐有
抽菸		☐有
糖尿病		☐有
高密度膽固醇	mg/dl	小於35 ▾
總膽固醇	mg/dl	小於160 ▾

送出　重設

Framingham心血管疾病風險預測結果

你的性別是:2
你的年齡是:10
你的舒張壓是:79
你的收縮壓是:110
沒有使用高血壓藥物
沒有抽菸
沒有糖尿病
你的高密度膽固醇是:20
你的總膽固醇是:150

項目

- 前置作業
- 文字：大小、對齊、粗斜體
- 表格：置中、陰影
- 按鈕
- 背景(CSS)

前置作業

- 於<Head>加入stylesheet
  - <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706tWS" crossorigin="anonymous">
  - <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

- 於<body>加入script
  - <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
  - <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut" crossorigin="anonymous"></script>
  - <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"></script>

參考

RWD效果

前置作業

```html
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css"
    integrity="sha384-GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706tWS"
    crossorigin="anonymous">
<title>Framingham心血管疾病風險預測</title>

</head>
```

前置作業

```
126  <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
     q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous">
     </script>
127  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"
     integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut"
     crossorigin="anonymous"></script>
128  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js"
     integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k"
     crossorigin="anonymous"></script>
129  </body>
130  </html>
```

文字大小

Heading	Example
`<h1></h1>`	h1. Bootstrap heading
`<h2></h2>`	h2. Bootstrap heading
`<h3></h3>`	h3. Bootstrap heading
`<h4></h4>`	h4. Bootstrap heading
`<h5></h5>`	h5. Bootstrap heading
`<h6></h6>`	h6. Bootstrap heading

參考

文字

- Header

```
12 ▼  <body>
13     <h2>Framingham心血管疾病風險預測</h2>
14     </body>
```

- Footer

```
15     <h>Copyright(c) 2021 All rights reserved. ADT106109黃郁芳</h>
```

文字對齊

Left aligned text on all viewport sizes.

                                   Center aligned text on all viewport sizes.

                                                          Right aligned text on all viewport sizes.

Left aligned text on viewports sized SM (small) or wider.

Left aligned text on viewports sized MD (medium) or wider.

Left aligned text on viewports sized LG (large) or wider.

Left aligned text on viewports sized XL (extra-large) or wider.

Copy

```html
<p class="text-left">Left aligned text on all viewport sizes.</p>
<p class="text-center">Center aligned text on all viewport sizes.</p>
<p class="text-right">Right aligned text on all viewport sizes.</p>

<p class="text-sm-left">Left aligned text on viewports sized SM (small) or wider.</p>
<p class="text-md-left">Left aligned text on viewports sized MD (medium) or wider.</p>
<p class="text-lg-left">Left aligned text on viewports sized LG (large) or wider.</p>
<p class="text-xl-left">Left aligned text on viewports sized XL (extra-large) or wider.</p>
```

參考

文字粗斜體

Bold text.

Bolder weight text (relative to the parent element).

Normal weight text.

Light weight text.

Lighter weight text (relative to the parent element).

Italic text.

```html
<p class="font-weight-bold">Bold text.</p>
<p class="font-weight-bolder">Bolder weight text (relative to the parent element).</p>
<p class="font-weight-normal">Normal weight text.</p>
<p class="font-weight-light">Light weight text.</p>
<p class="font-weight-lighter">Lighter weight text (relative to the parent element).</p>
<p class="font-italic">Italic text.</p>
```

文字

● Header-置中、粗體

```
▼ <div class="text-center">
  <h2 class="font-weight-bold">Framingham心血管疾病風險預測</h2>
  </div>
```

● Footer-置中

```
▼ <div class="text-center">
  <hr>
  <h>Copyright(c) 2021 All rights reserved. ADT106109黃郁芳</h>
  </div>
```

表格置中

- Container容器
  - <div class="container">
        <form>...</form>
    </div>
  - <div class="container-fluid">
        <form>...</form>
    </div>

- row justify-content-center水平置中
  - <div class="row justify-content-center">
        <form>...</form>
    </div>

參考

表格置中


```
13 ▼ <body>
14 ▼ <?php require('header.php');?>
15 ▼ <div class="container">
16 ▼ <div class="row justify-content-center">
17 ▼ <form action="result.php" method="post" name="form1" id="form1">
18 ▼   <table class="table-bordered table-sm">
19 ▼     <tbody>
20 ▼       <tr>
21          <td width="135">危險因子</td>
22          <td width="84">單位</td>
23          <td width="218">資料</td>
24        </tr>
```

陰影

No shadow

Small shadow

Regular shadow

Larger shadow

```
<div class="shadow-none p-3 mb-5 bg-light rounded">No shadow</div>
<div class="shadow-sm p-3 mb-5 bg-white rounded">Small shadow</div>
<div class="shadow p-3 mb-5 bg-white rounded">Regular shadow</div>
<div class="shadow-lg p-3 mb-5 bg-white rounded">Larger shadow</div>
```

Copy

参考

陰影

- Class="shadow p-3 mb-5 bg-light rounded"

```
<table class="table-bordered table-sm shadow p-3 mb-5 bg-light rounded">
  <tbody>
    <tr>
      <td class="bg-danger text-center text-white" width="135">危險因子</td>
      <td class="bg-danger text-center text-white" width="84">單位</td>
      <td class="bg-danger text-center text-white" width="218">資料</td>
    </tr>
```

按鈕

<button type="button" class="btn btn-primary">Primary</button>
<button type="button" class="btn btn-secondary">Secondary</button>
<button type="button" class="btn btn-success">Success</button>
<button type="button" class="btn btn-danger">Danger</button>
<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-info">Info</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-dark">Dark</button>

<button type="button" class="btn btn-link">Link</button>

參考

按鈕


```html
<button type="button" class="btn btn-outline-primary">Primary</button>
<button type="button" class="btn btn-outline-secondary">Secondary</button>
<button type="button" class="btn btn-outline-success">Success</button>
<button type="button" class="btn btn-outline-danger">Danger</button>
<button type="button" class="btn btn-outline-warning">Warning</button>
<button type="button" class="btn btn-outline-info">Info</button>
<button type="button" class="btn btn-outline-light">Light</button>
<button type="button" class="btn btn-outline-dark">Dark</button>
```

參考

按鈕

- Class="btn btn-danger"

- Class="btn btn-outline-danger"

```
<p class="text-center">
  <input class="btn btn-danger" type="submit" name="submit" id="submit" value="送出">
  <input class="btn btn-outline-danger" type="reset" name="reset" id="reset" value="重設">
</p>
```

背景

- CSS background-color
  - style="background-color:#ffe6e6"

```
<body style="background-color:#ffe6e6">
<?php require('header.php');?>
<div class="container">
<div class="row justify-content-center">
<form action="result.php" method="post" name="form1" id="form1">
  <table class="table-bordered table-sm shadow p-3 mb-5 bg-light rounded">
```