

Portfolio of Practical Work T1 2022-23

Project Brief

On your local web server, create a folder named `project`. (**Important:** Your project will be marked on an Apache server. So I recommend using either [XAMPP](#) or [AMPSS](#) as your project server. *If I cannot run your project on an Apache server, I cannot mark it!*)

Inside the `project` folder, develop a mobile-friendly web app that lets end-users **read**, **create**, **update**, and **delete** the *contact details* of *friends*. Each *contact* should have a **name**, a **telephone number**, and an **email address**. (*Videos demonstrating good practice have been uploaded to the 'Portfolio of Practical Work' section on Aula.*)

Also provide a means that lets end-users either **search**, **filter**, **order**, and/or **page-through** *contacts*.

For marking purposes, the opening page of your web app **MUST** be named `index.html`.

While developing this application, you **MUST** limit yourself to client-side technologies and frameworks such as: HTML; CSS; JavaScript; jQuery, jQuery Mobile and ReactJS. (**Important:** No credit will be given for submissions that make use of server-side technologies such as PHP and/or MySQL.)

In addition to the web app, you must write a **user manual** for end-users with a non-technical background. The best user manuals illustrate the adage, “*show, don't tell!*” (That is, screen captures walking through your application and minimal text!) **Make sure you place a copy of the user manual inside your `project` folder.**

If you have any questions - contact Graeme McRobbie (graeme.mcrobbie@uws.ac.uk)

Marking Scheme

Web Development and Scripting Skills (15 marks)

- Is the HTML and CSS coding clean, neat, and tidy?
- Does the HTML and CSS coding pass validation?
- Is the client-side coding clean, neat, and tidy?
- Does the client-side coding pass validation?
- Is the client-side coding error free?
- Is the client-side coding well-documented?

Basic Functionality (15marks)

- Read
 - Can end-users view all the contacts?
- Create
 - Can end-users add new contacts?
 - Is user input stringently validated?
- Update
 - Can end-users update existing contacts?
 - Is user input stringently validated?
- Delete
 - Can end-users delete a contact?
 - Is confirmation required before deletion?

Advanced Functionality (15 marks)

- Search
 - *Can end-users search for a specific contact?*
- Filter
 - *Can end-users filter contacts with a specified criterion?*
- Orders
 - *Can end-users specify how to list contacts?*
- Page-through
 - *Can end-users page-through all the contacts?*

Meeting the Brief (15 marks)

- *Is the web app mobile-friendly?*
- *Is the web app simple and intuitive to use?*
- *Does the documentation provide all the information required to use the web app?*
- *Is the documentation aimed at end-users with a non-technical background?*

After You Finish...

1. Place your final **project** into a zipped folder
2. Upload the zipped folder to the **Assignments** section in Aula **BEFORE** the project deadline