# **Website Requirements**

**Technology**

* The website **MUST** include the use of HTML, CSS, and JavaScript.
* All media content **MUST** be sourced from the client or have appropriate licensing (royalty free, copyright free, and suitable for commercial use).
* All media content requiring accreditation **MUST** be properly credited.
* Images **MUST** be stored in a separate folder from the code files within the web project.
* The website **SHOULD** include custom written CSS.
* Custom CSS **SHOULD** be stored in its own file separate from HTML / JavaScript.
* The website **SHOULD** include CSS from a library / framework.
* The website **SHOULD** include custom written JavaScript.
* Custom JavaScript **SHOULD** be stored in its own file separate from HTML / CSS.
* The website **SHOULD** include JavaScript from a library / framework.
* The website **MAY** call external API services to provide extra functionality or data.
* The website **MAY** make use of videos or audio content.
* The website **MAY** use advanced HTML functionality such as drag-and-drop.

**General**

* The website **MUST** have a home page.
* The website **MUST** have a remote courses page.
* The website **MUST** have a face-to-face courses page.
* The website **MUST** have an events page.
* The website **MUST** have a contact us page.
* All pages **MUST** display the logo and organisation name.
* All main pages **MUST** be accessible from all other pages (navigation).
* All pages **MUST** have a footer at the bottom of the page with legal information.
* All sections and pages **MUST** meet the brand guidelines 1.3 for colour scheme.
* All sections and pages **MUST** meet the brand guidelines 1.4 for fonts.
* All pages with regularly changing content **SHOULD** be updatable from an external file or source (e.g. courses, events, news and updates pages).
* All pages **SHOULD** have an appropriate title shown in the browser tab.
* All pages **SHOULD** have at minimum span the entire height and width of the screen regardless of content size.
* The website **MAY** support dynamic sizing for a mobile sized screen.
* The website **MAY** support searching functionality.
* You **MAY** propose additional functionality for the website, which can be implemented upon approval.

**Footer**

* The footer **MUST** contain the contact details.
* The footer **SHOULD** contain the social media links.
* The footer **SHOULD** contain details of the parent organisation.
* The footer **MAY** contain links to a Terms and Conditions page or message.

**Home Page**

* The home page **MUST** include a welcome message.
* The home page **MUST** include images to showcase computing study.
* The home page **MUST** include an “Who We Are” section (handbook page 2).
* The home page **MAY** include advanced UI features e.g. clickable cards, animation.
* The home page **MAY** include a news and updates or what’s on section (handbook page 6).

**Remote Courses Page**

* The remote courses page **MUST** include a single table displaying all remote courses.
* The remote courses table **MUST** include all details available (handbook page 3).
* The remote courses table **SHOULD** be populated by loading content from a JSON formatted external file.
* The “Book Now” links for the remote courses **SHOULD** be valid booking links as provided in the handbook page 3.
* The QR code from handbook page 3 **SHOULD** **NOT** be displayed on the page.
* The remote courses table **MAY** include searching, ordering, and/or filtering options.
* The remote courses page **MAY** support a custom print view of the page, showing only the title and table.
* The custom print view **MAY** include the QR code as provided on handbook page 3.

**Face-To-Face Courses Page**

* The F2F courses page **MUST** include a single table displaying all face-to-face course locations.
* The F2F courses table **MUST** include all details available (handbook page 4).
* The F2F courses table **SHOULD** be populated by loading content from a JSON formatted external file.
* The “Book” links for the F2F courses **SHOULD** be valid booking links as provided in the handbook page 4.
* The QR codes from handbook page 4 **SHOULD** **NOT** be displayed on the page.
* The remote courses page **MAY** support a custom print view of the page, showing only the title and table.
* The custom print view **MAY** include the QR codes as provided on handbook page 4.

**Events Page**

* The events page **MUST** include a **single** table displaying all events.
* The events page **MUST** include a link to the Eventbrite website.
* The events page **MUST** include a link to the student events website as shown on the handbook page 5.
* The events table **MUST** include all details available (handbook page 5 & 6).
* The events table **SHOULD** be populated by loading content from a JSON formatted external file.
* The “Book” links for the events **SHOULD** be valid booking links as provided in the handbook page 5.
* The QR codes from handbook page 5 **SHOULD** **NOT** be displayed on the page.
* The events page **MAY** support a custom print view of the page, showing only the title and table.
* QR Codes **MAY** be generated for each of the booking links and included on the custom print view.

**Contact Us Page**

* The contact page **MUST** display the contact details as provided on handbook page 7.
* The contact page **MUST** include a contact form.
* The contact form **MUST** ask for name, email address, subject, and message.
* The contact form **MUST** show a message on submission.
* The contact form **MUST** **NOT** send an actual communication to the client.
* The contact page **SHOULD** include any further contact details which can be found through the client website.
* The contact page **SHOULD** include contact details for each of the hubs.
* The contact form **MAY** include validation checks for empty fields.
* The contact form **MAY** save or display the input content when submitted to evidence its functionality.
* The contact page **MAY** display an interactive map with pins showing the location of the different hubs.

**Accessibility and Performance**

* The website **MUST** meet WCAG guidelines on colour contrast for accessibility.
* The website **MUST** achieve a green score for accessibility using Google Lighthouse.
* The website **SHOULD** achieve green scores in all areas using Google Lighthouse.
* The website **MAY** achieve green scores in all areas using Google Lighthouse in mobile device mode.

Note 1: Where logos cannot be provided by the client, cropped versions from brand guideline documentation can be used instead.

Note 2: Layout of the main content, such as the order of content being presented is left to developer discretion unless otherwise specified.