# Assignment Briefing Sheet (2024/25 Academic Year)

## Section A: Assignment title, important dates and weighting

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| Assignment title: | Coursework Assignment 3- Front End UI (worth 40%) | Group or individual: | Individual |

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| Module title: | Designing for the User Experience | Module code: | 4FTC1343, 4FTC1344 |

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| Module leader: | **Meena Mengle/ Rob Chambers** | Moderator’s initials: | Dr Martina A. Doolan |

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| **Submission deadline:** | **w/c 22/04/25** | Target date for return of marked assignment: | **w/c 12/05/25** |

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| You are expected to spend about | 40 | hours to complete this assignment to a satisfactory standard. |

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| This assignment is worth | **40%** | of the overall assessment for this module. |

## Section B: Student(s) to complete

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| **Student ID number** | **Year Code** |
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| **Notes for students**   * For undergraduate modules, a score above 40% represent a pass performance at honours level. * For postgraduate modules, a score of 50% or above represents a pass mark. * Late submission of any item of coursework for each day or part thereof (or for hard copy submission only, working day or part thereof) for up to five days after the published deadline, coursework relating to modules at Levels 0, 4, 5, 6 submitted late (including deferred coursework, but with the exception of referred coursework), will have the numeric grade reduced by 10 grade points until or unless the numeric grade reaches or is 40. Where the numeric grade awarded for the assessment is less than 40, no lateness penalty will be applied. * Late submission of referred coursework will automatically be awarded a grade of zero (0). * Coursework (including deferred coursework) submitted later than five days (five working days in the case of hard copy submission) after the published deadline will be awarded a grade of zero (0). * Regulations governing assessment offences including Plagiarism and Collusion are available from <https://www.herts.ac.uk/about-us/governance/university-policies-and-regulations-uprs/uprs> (please refer to UPR AS14) * Guidance on avoiding plagiarism can be found here: <https://herts.instructure.com/courses/61421/pages/referencing-avoiding-plagiarism?module_item_id=779436> * Modules may have several components of assessment and may require a pass in all elements. For further details, please consult the relevant Module Handbook (available on Studynet/Canvas, under Module Information) or ask the Module Leader. |

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| **This Assignment assesses the following module Learning Outcomes (from Definitive Module Document):**  1.Be able to make an informed choice amongst the concepts, tools, and techniques available regarding the design of interactive systems taking into account relevant standards, guidelines and legislation such as accessibility guidelines and best practice.  2. Be able to identify different approaches to solving problems related to the design of an  interactive system for a specified user group and explain the approach taken.  3. Be able to develop and implement a front-end responsive user interface prototype using  suitable technology. |
| **Assignment Brief:**  Develop and implement a front-end responsive user interface prototype based on the wireframes created in the A2 group work, incorporating the feedback received. The project should be built using HTML5, CSS3, or a front-end framework such as Bootstrap or Cordova. This task aims to develop a responsive front-end project with a focus on information architecture, version control, and deployment.  In this assessment the student **is permitted** to use GenAI tools (or a proofreader or proofreading service) to proofread their work **but not permitted** to use AI tools in the creation of content for their work*.*  **AI Assisted content Generation on the webpages allowed. Credit sections and/or comments in code should highlight the use of AI tool where web content was generated using AI**  **\* NO AI CONTENT IS ALLOWED IN FINAL SUBMISSION OF README FILE OR CODING.**  **\* Failure to adhere to these guidelines will result in zero marks for this assessment.**    **Assessment Requirements:**  **Task 1: Revise Wireframe (5 Marks)**   * Refine the wireframes based on feedback received from the assignment 2 group project. * Include annotations or notes along with the revised wireframes to indicate the changes made and how they improve the overall design and usability.   **Task 2: Front-End Development: (40 Marks)**   * Write custom HTML5 and CSS3 code to create a responsive website consisting of at least three pages, or at least three separate page areas if using a single scrolling page. * Ensure semantic HTML5 tags are used to enhance accessibility and SEO. * You may use a front-end framework like Bootstrap to achieve a responsive design and structured layout. * You may use a Service based extension such as map API, weather API etc to increase interactivity. * Write clean, readable, and maintainable code with meaningful variable and function names. * Follow consistent code formatting and style guidelines. * Use comments and documentation to explain complex logic and provide context.   **Task 3: Information Architecture: (10 Marks)**   * Incorporate a main navigation menu to facilitate easy access to different sections or pages. * Ensure a structured and logical layout that enhances user experience and usability.   **Task 4: Documentation: (30 Marks)**   * Write a README.md file for your project. (use the template provided)   + Explain what the project does.   + Describe the value it provides to its users (user stories).   + Document the development process including revised wireframes and finished product screenshots)   + Include instructions for setting up and running the project.   + Document manual testing procedures to test user stories and evaluation of bugs found, their fixes and explanation of any bugs left unfixed.   + Document automated testing using validators for HTML, CSS, JS etc.   **Task** **5: Version Control: (5 Marks)**   * Use Git for version control. * Maintain a repository on GitHub to track your project’s progress and changes. * Ensure regular commits with meaningful messages that document your development process.   \*\* You will be asked to demonstrate your work if you do not show progression on this assignment via regular commits. Failure to do so will result in grades being capped at a pass grade if achieved in the above tasks.  **Task 6: Attribution: (5 Marks)**   * Maintain a clear separation between code written by you and code from external sources. * Attribute any code from external sources to its original source via comments above the code. * For larger dependencies, attribute in the README.md file.   **Task 7: Deployment: (5 Marks)**   * Deploy the final version of your code to a hosting platform such as GitHub Pages, Netlify, or another hosting service. * Ensure the deployed site is fully functional and accessible. |
| **Submission Requirements:**  Submit the GitHub link.  (This work will only be marked via GitHub link provided)  1.GitHub Repository:  Provide a link to your GitHub repository containing all project files. Ensure the repository includes the README.md file.  2.Deployed Website:  Provide a link to the live deployed version of your website.  3.Documentation:  Ensure your README.md file is comprehensive and provides clear instructions and explanations. |
| **Marks awarded for:**   |  |  |  | | --- | --- | --- | | Task / Check List | Student feedback: | Mark | | **Task 1: Revise Wireframe**  Incorporation of feedback to improve the design and usability. Clarity and usability of the revised wireframes. |  | **5** | | **Task 2: Front End development:**  Quality and semantic use of HTML5. Use of CSS3 or CSS frameworks for styling and layout. Responsiveness and cross-browser compatibility. Enhancement of interactivity and functionality. Correct and efficient use of JavaScript or frameworks/libraries. Following the standard guidelines to ensure code is of high quality, maintainable, and reliable. |  | **40** | | **Task 3: Information Architecture**  Effective use of navigation menus. Structured and logical page layout. |  | **10** | | **Task 4: Documentation:**  Clarity and comprehensiveness of the README.md file content documenting the full development process. Clear instructions for setup and usage. |  | **30** | | **Task 5: Version Control:**  Effective use of Git and GitHub. Regular commits with meaningful messages.  \*\* You will be asked to demonstrate your work if you do not show progression on this assignment via regular commits. Failure to do so will result in grades being capped at a pass grade. |  | **5** | | **Task 6: Attribution**  Proper attribution of external code. Clear separation of custom and external code. Appropriate use of indentation and comments in the code. |  | **5** | | **Task 7: Deployment:**  Successful deployment of the website. Functionality and accessibility of the live site. |  | **5** | |  | **Total** | **100** | |
| **Type of Feedback to be given for this assignment:**  1:1 Formative Feedback will be given during the practical. Summative written feedback will be given upon marking the assignment using the grading rubric |