| University of Central Lancashire logo  **School of Psychology and Computer Science** | UCLan Coursework Assessment Brief | | | Academic Year  21-22 |
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| Module Title: Web Technologies Module Code: CO1707 | | | Level 4 |
| **Assignment 2: Server-side implementation** | This assessment is worth 75% of the overall module mark | | |
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| **THE BRIEF/INSTRUCTIONS**  This assessment requires you to demonstrate your understanding of the materials covered in Semester 2.   * You must follow the [design requirements outlined](https://portal.uclan.ac.uk/bbcswebdav/pid-5001143-dt-content-rid-14902099_1/xid-14902099_1) * You will be required to develop the backend to compliment the front-end responsive web application built in Semester 1. This means your application should provide interaction from the server-side which include writing, reading, updating and deleting information in a database based on user interaction at the client-side. * Your web application should build on previous work and should interface with PHP for handling the server side scripts to communicate with the backend services. * Together with the front-end work completed in Semester 1, this assessment completes the project with an appropriate backend – which culminates in a web-based project. demonstrating skills front and back-end web development. You are able to update the design of the front-end application should you wish * A standard [database schema](https://portal.uclan.ac.uk/bbcswebdav/pid-5001143-dt-content-rid-14902098_1/xid-14902098_1) is provided – you are expected to implement this schema in your assessment, any reasonable changes are permitted to the structure, tables, data types etc. If you do make these changes, ensure you document what you changed and why in the README file * Unless you have your own webserver accessible to the public, you are expected to utilise the vesta server (vesta.uclan.ac.uk) and not a local server which can not be accessed by the tutors. Instructions on connecting and transferring files to the vesta server are provided in the lab worksheets, but if you forget your password or have difficulties with using vesta you should contact LIS (liscustomersupport@uclan.ac.uk or ring 01772 895355)   Intended Learning Outcomes (ILOs) assessed by this assignment (from the module descriptor):   * Develop an understanding of back-end development to build data driven web applications. * Justify a choice of interaction methods and identify appropriate contexts of use for web applications * Demonstrate an awareness of current industry standards including those related to security, accessibility, and the design and development of web applications   The [marking criteria](https://portal.uclan.ac.uk/bbcswebdav/pid-5001143-dt-content-rid-14902099_1/xid-14902099_1) indicates how these ILOs are to be assessed in further detail.  **Please note** this is an *individual* assignment and you are required to produce your own work. We expect students will use tutorials or sample code to aid your understanding, but if you include code from a tutorial or any other source in your work then this needs to be referenced appropriately, just as you would when quoting a source in a written report (e.g., you can reference the source through comments in your code).  For this assignment, you are permitted to use any CSS frameworks or pre-made solutions (e.g., Bootstrap, Google Fonts etc…), as you are not being assessed on styling in this assessment. Please ask your tutor if you need any clarification on this. | | | | |
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| **PREPARATION FOR THE ASSESSMENT**   * Completion of the lab materials will provide formative feedback in preparation for this assessment * Lectures and labs during the first semester are intended to ground your understanding to support this assessment * You are expected to continue this grounding as independent study alongside the timetabled sessions | | | | |
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| **RELEASE DATE AND HAND IN DEADLINE**  **Assessment Release Date**: 16/12/2021 00.00  **Assessment Deadline Date and time**: 20/04/2022 23.59  Please note that this is the final time you can submit – not the time to submit!  Your feedback/feed forward and mark for this assessment will be provided on 11/05/2022 | | | | |
| **SUBMISSION DETAILS**  You must submit your working application via the submission son Blackboard. You need to submit a .zip file named with the following structure “surname-firstname\_GNumber\_assignment-two” containing all the files created for the assessment, by the deadline outlined above. You must also demonstrate the work submitted during one of the timetabled practical lab classes.  **Unfair means**  This is an individual assignment, and you are not permitted to work in groups.  The consequences of cheating in assessments are serious - you will fail the module. Cheating is using or attempting to use unfair means to enhance performance. This includes plagiarism (presenting someone else's work as if it was your own), collusion (working with others on an individual assignment) and allowing other students to access your work. If two students share work, then both will be considered to have engaged in unfair means, so you should never let another student see your assessed work.  Penalties can be applied where unfair means are considered to have taken place, even if committed accidentally or unintentionally (e.g., forgetting to reference quoted work). Make sure that you do not give someone the opportunity to steal your work (e.g., by leaving yourself logged in), and make sure you reference any sources you have used. We tell students about unfair means both during induction and in your student handbook, but if you have any doubt about what counts as acceptable practice or how to reference material properly, please ask a tutor or the student coach. | | | | |
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| **HELP AND SUPPORT**  Guidance note: Please edit the below to describe how any questions arising from this assessment brief should be handled – e.g., tutorials in seminars, online forum, etc, and then remove this guidance note   * Academic support for this assignment will be given within lectures and labs. However, if you have further questions, you are welcome to ask them within any of these sessions, or alternatively via Microsoft Teams where appropriate * All the information and resources you need to pass this assignment will be provided to you, however for the higher grades it is also expected that students will undertake their own reading and initiative * You will find information links to all our Library resources in the Library area of the Student Hub. For support with using these resources, please contact your subject librarian at [SubjectLibrarians@uclan.ac.uk](mailto:SubjectLibrarians@uclan.ac.uk). * You can get support with your academic skills (academic writing, critical thinking and referencing) through WISER. For details of the WISER support services go to the [Study Skills section of the Student Hub.](https://msuclanac.sharepoint.com/sites/StudentHub/SitePages/Study.aspx) * If you have not yet made the university aware of any disability, specific learning difficulty, long-term health or mental health condition, please complete a [Disclosure Form](https://forms.office.com/Pages/ResponsePage.aspx?id=gpn262sDxEyyAnrrGUxQZf4Gb8AdfcJGv3uVCD0jKDBUQVpUMkY3VUhHQlROSFEwSDRTWk40NVBYWS4u). The [Inclusive Support team](https://msuclanac.sharepoint.com/sites/StudentHub/SitePages/Inclusive-Support.aspx) will then contact to discuss reasonable adjustments and support relating to any disability.  For more information, visit the [Inclusive Support page of the Student Hub.](https://msuclanac.sharepoint.com/sites/StudentHub/SitePages/Inclusive-Support.aspx) * To access mental health and wellbeing support, please complete our [online referral form](https://msuclanac.sharepoint.com/sites/StudentHub/SitePages/Counselling,-mental-health-and-wellbeing.aspx). Alternatively, you can email [wellbeing@uclan.ac.uk](mailto:wellbeing@uclan.ac.uk), call 01772 893020, attend a drop-in, or visit our [UCLan Wellbeing Service](https://msuclanac.sharepoint.com/sites/StudentHub/SitePages/Counselling,-mental-health-and-wellbeing.aspx) pages for more information. * If you have any other query or require further support you can contact Student Support via [studentsupport@uclan.ac.uk](mailto:studentsupport@uclan.ac.uk).  Speak with us for advice on accessing all the University services as well as the Library services. Whatever your query, our expert staff will be able to help and support you. For more information please visit the Student Hub. * If you have any valid mitigating circumstances that mean you cannot meet an assessment submission deadline and you wish to request an extension, you will need to apply online prior to the deadline. | | | | |
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| Disclaimer: The information provided in this assessment brief is correct at time of publication. In the unlikely event that any changes are deemed necessary, they will be communicated clearly via e-mail and a new version of this assessment brief will be circulated. | | | Version: 1 | |