

**Back-end Web Development**

**1st, Semester**

**Dec 2022**

**Continuous Assessment 2**

**Module Title:** Back-end Web Development

**Module Code:** BSC30921 **Assessment Type:** Individual Project **Weighting:** 25%

**Maximal Possible Mark:** 100 marks

**Allocation date:** 05/12/2022

**Submission date:** 26/12/2022



# Assignment Description

Develop a full stack web application using Python, Django, MySQL that can perform CRUD operations. You are free to choose the type of data the application will store (e.g. users, cars, animals, etc.). The data should be complex enough, containing different types of values (Strings, ints, Booleans, etc.). **You can reuse the code for CA1** for your server-side code.

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| --- | --- |
| [10%] | All CRUD operations are working as intended |
| [10%] | The application is connecting to the right database |
| [10%] | The data is complex enough |
| [10%] | Code is readable: consistency, right indentation, comments |
| [20%] | Code added to include a log-in system |
| [20%] | The application is accompanied by a short report (max. 500 words) or a ReadMe file. The |
|  | report should explain the developing process of the application. |
| [20%] | Creativity: Do your own research and add any other functionality to your application (e.g., multiple variable types – image, Boolean, array, array, etc.; CSS styling - bootstrap, |
|  | search/filtering button) |

# Additional Information

* This project is an individual project, and you have all the freedom to work on a topic of your interest.
* All the code and the report will be checked for plagiarism, so make sure everything is referenced using comments. The code that is not referenced properly will not be marked and will be reported for plagiarism.
* Outside of special circumstances, any code submitted to GitHub after the deadline – will not be marked.
* Any other technical details that might come up during this project should be clarified directly with your lecturer.



# ASSIGNMENT COVER SHEET 2022/2023

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| --- | --- | --- |
| **LECTURER NAME: Geoff Wright** | | |
| **STUDENT NAME: Cyprien Jamhouri** | | **STUDENT ID: 26286** |
| **PROGRAMME: BTM** | **STAGE/YEAR: 3rd year** | |
| **MODULE NAME: Back-End Web Development** | | |
| **ASSIGNMENT NO. & TITLE: CA2** | | |
| **GROUP (Names & Student IDs): N/A** | | |
| * All assignments must be submitted through Moodle by the agreed submission date. * Only submit a signed hardcopy to your lecturer if requested and you must arrange to hand it directly to the Lecturer and must include this cover sheet. * No submissions will be accepted at Reception. * Late assignments will incur a penalty unless a learner has documented personal mitigating circumstances or if they have been granted an extension. All such documentation must be submitted at least 7 days prior to the submission date. For late submission the assessment grade will be reduced by 10% for each day that the assessment is late. After   day five, the assignment will not be accepted. | Date Received: (Lecturer use only) | |
| **MODE OF SUBMISSION: SOFTCOPY ☐ HARDCOPY ☐** | | |
| **COMPONENTS OF SUBMISSION:**  **(e.g. no and type of pieces submitted, no of pages in a report, disk included?)** | | |
| DECLARATION: I declare that:   * *By uploading this work to Moodle I automatically declare that this work is entirely my own and that I have acknowledged all materials and sources used in its preparation;* * *I have not copied in part or whole or otherwise plagiarised the work of anyone else and have not knowingly allowed others to plagiarise my work in this way.* * *I understand that plagiarism is a serious offence and that I am bound by Dorset College policy on Academic Integrity. I understand that I may be penalised if I have violated the policy in any way.* * *This assignment has not been submitted for any other course or module at Dorset College or any other institution, without authorisation by the relevant lecturer(s).* * *I have read and abided by all of the requirements set down for this assignment.*   SIGNATURE\* . JAMHOURI Cyprien…………………………… DATE . 26/12/2022……………………  (\* if this is a group assignment, each member of the group must sign). | | |