

Assessment Introduction

Key Information

Released	Week 7: Wednesday 8th November 2023
Deadline	<u>Week 12: Wednesday, 03 January 2024 at 16:00</u>
Deliverables	<u>Report (PDF); db_setup and SQL_queries (SQL); ZIP folder with web files</u>
Submission	SurreyLearn Coursework folder (under Assignments)
Weighting	70% of final module grade*
Academic Misconduct	Coursework will be routinely checked for academic misconduct. Your submission must be your own work. Please revisit the academic integrity slides and regulations ensure that you know what this means. Do not give your work to anyone else, either before or after the coursework submission deadline.

*Note: The marks are out of 100 in the descriptor but the final mark will be out of 70, the test is 30%

How Long Should Plan to Spend on The Coursework?

- One credit is typically described as being equal to 10 hours of notional learning.
- This module is worth 15-credits. So, 150 notional hours of learning.
 - We have 44 hours of lectures and labs
 - So, this leaves 106 hours.
 - This is around **3-weeks** of additional study.
- The assessment should take you between 2 and 3 weeks.

Some Coursework Tips

- ✓ Read the Assignment Brief Carefully
- ✓ Identify Key Components and Requirements
- ✓ Check the Marking Criteria
- ✓ Highlight Important Details
- ✓ Start Early
- ✓ Make a Timeline; consistency is key!
 - ✓ We have about 7 weeks
 - ✓ Factor in time for breaks and Christmas

Part 2

Web Front-end to the Database

[35 Marks]

- This part of the assessment requires you to create a Node.js application to connect to the database created in Part 1.
- You will display records based on input data or choices made by the user of your website.
- You do not have to interact with all tables in your database. For instance, you may only implement functionality around a single table.

Mark breakdown for tasks

All tasks will delivered in a single zipped, folder called "website.zip"

Task	Title	Mark
T8	Application Structure	3
T9	Database Connection	2
T10	A Minimum of 4 User-facing Routes Served	4
T11	Construct EJS Views for the 4 Routes	3
T12	Functionality to Display the Rows of a Single Table in an HTML Table	4
T13	Functionality for Displaying a Single Table Row	4
T14	Functionality for Updating a Single Table Row	8
T15	Extra Challenge/Advanced Task	7
TOTAL Marks:		35

```
├─ website
|   ├─ index.js
|   ├─ package.json
|   ├─ views
|   |   ├─ index.ejs
|   |   └─ .... other views and folders to contain partial views
|   ├─ public
|   |   ├─ main.css
|   |   └─ ... other static assets
```

Ensure you follow the application structure specified in task 8

Preparing Your Website for Submission

Ensure you've:

- ✓ Based your project on the structure specified in task 8.
- ✓ Included a package.json (generated using npm init) file in the root of your project.
- ✓ The package.json file must include the script "start" that will run your program (e.g., "start": "nodemon index.js").
- ✓ Since your dependencies are in the package.json folder, please delete your node_modules folder before submitting.
- ✓ Before running your program, we will run the "db_setup.sql" file; you should ensure this file is up to date.