

SEMESTER 2 2023/24

GROUP COURSEWORK BRIEF:

Module Code:	MANG6531	Assessment:	Individual Coursework	Weighting:	30
Module Title:	Managing Digital Design and Web Development				
Module Leader:	PK Senyo				
Submission Due Date: @ 16:00		2 nd May 2024		Word Count/Duration:	(See brief)
Method of Submission:	Electronic via eAssignment ONLY (You are not required to submit a hard copy) (Please ensure that your name does not appear on any part of your work)				

Any work submitted after 16:00 on the deadline date will be subject to the standard University late penalties (see below), unless an extension has been granted, in writing by the Senior Tutor, in advance of the deadline.

University Working Days Late:	Mark:
1	(final agreed mark) * 0.9
2	(final agreed mark) * 0.8
3	(final agreed mark) * 0.7
4	(final agreed mark) * 0.6
5	(final agreed mark) * 0.5
More than 5	0

This assessment relates to the following module learning outcomes:

<i>A. Knowledge and Understanding</i>	A1. Be able to identify and have a basic understanding of practices and challenges involved in managing digital design and web development; A2. Have gained an appreciation of the technologies required to develop and operate websites and other web or mobile applications.
<i>B. Subject Specific Intellectual and Research Skills</i>	B2. Have an appreciation of complexity in real-world systems; B3. Be able to apply basic digital design and/or coding skills.
<i>C. Transferable and Generic Skills</i>	C3. Programming skills

Coursework Brief:

Activity

Your task is to develop one or more **scripted web pages** that are meant to be part of a web application for a travel and tour company that offers packaged holidays. The aim of the business is to enable people use their website to book packaged holidays. The business currently offers three types of packaged holidays, namely **Gold, Silver, and Diamond**. The Gold package is a 3-week holiday, costing £10,000 per person, while the Silver is a 2-week package costing £5000 per person. The Diamond package on the other hand is a week holiday costing £3,000 per person. At the moment, the business does not have a name, logo, and brand colours so it is your job to decide on these. Your web page(s) should be appealing, easy to use, and provide a package quote calculator. Specifically, your solution should contain:

- HTML pages – an effective home page, or collection of navigable pages, with corresponding (example) content, that effectively showcases information about the business, holiday order page, contact form that allows customers to make enquiries. The contact form should request customers' full name, email address, phone number, and message as well as have a dummy "Send" button.
- Functionality/scripting – a script that calculates the total cost by fetching the type of holiday package selected and corresponding cost from a pre-specified MySQL database table (see database specifications below) and multiply with the number of people going on the holiday and successfully displays this content on a respective page. **Note that children get an automatic 25% discount on the package so this should be coded in the design.** In addition, a standard VAT of 20% of the total cost must be included in the final amount. For instance, if the customer selects the Gold package for 2 adults and 1 child, the system should accurately calculate the total cost including the 25% child discount, and the standard 20% VAT.

- Styling (usability and visual aesthetics) – a user-friendly and visually appealing styling that are suitable for and well applied to the problem setting, and with appropriate positioning of all elements.

Importantly, to avoid any possible confusion, every page you include in your solution must clearly include the following disclaimer: *“Note that this is a fictitious website that was developed by a student as part of a programming assignment. None of the content on this page is meant to be genuine nor should it be taken as such”*. Also, please do not make any attempt to submit your pages to a search index or to provide any external link to them.

To develop your solution, you will need to use HTML, JavaScript, and PHP server-side scripting. Use of CSS for styling is strongly encouraged; some may wish to use Bootstrap for this purpose. Importantly, your server-side script(s) must be designed to run under the existing Web server configuration used to host your personal web file store (www.southampton.ac.uk/~username/)¹. Solutions that require different PHP versions, customised server configurations, etc. will attract low marks; you may wish to verify compatibility at the beginning stages of your work.

Database specifications

For the purpose of this assignment, a MySQL database named “mgmt_webapp_msc” was created and stored on a University server (srv02958.soton.ac.uk). This database contains a table named “holiday”, which was defined as follows:

```
CREATE TABLE holiday (  
  holidayid INT NOT NULL PRIMARY KEY AUTO_INCREMENT,  
  package VARCHAR(100),  
  packagedetails VARCHAR(255),  
  cost decimal (8,2),  
  duration VARCHAR (100)  
);
```

You have been granted the necessary rights to select records from this table under the username: MANG6531_student, password: tintin6531. You may assume the contents of this table will be maintained by the business; you are not given any user rights to insert, delete or update records in the table.

Important note on academic integrity

This is an individual assignment so your markup code and scripts must be your own work: you are not allowed to copy from other students.

You are of course encouraged to look for useful information sources to support your design choices and reference them in your code. Also, you are allowed to make use of existing templates or frameworks and development environments to speed up development, or you may look for scripting code examples on the Web, in books, etc., and adapt and incorporate individual chunks of scripting code provided you acknowledge their use and the sources in code comments.

Submission

First, you must electronically submit your final web application as a zip file bearing your student ID (e.g., 26123456.zip) via eAssignment (<https://www.assignments.soton.ac.uk>). Secondly, upload a copy of your final web application in your personal webstore store (www.southampton.ac.uk/~yourusername/) in a folder bearing

¹ See [module’s handbook](#) for more details on activities.

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your student ID including all your scripted web pages or program files (i.e., all HTML, PHP, CSS or other files required to run your application).

Assessment

Marking criteria relate to the submitted web application and we will evaluate the submitted page(s), functionality/scripting and usability and visual aesthetics. Please carefully examine the grade descriptor document (provided separately) for more details and respective weights for each of the marking criteria.

This assignment accounts for 30% of your overall module mark.

Nature of Assessment: This is a SUMMATIVE ASSESSMENT. See 'Weighting' section above for the percentage that this assignment counts towards your final module mark.

Submission Deadline: Please note that the submission deadline for Southampton Business School is **16.00 for ALL assessments**.

e-Assignment Submission: The assignment MUST be submitted electronically via e-Assignment, which is accessed via the individual module on Blackboard. Further guidance on submitting assignments is available on the [e-Assignment support pages](#).

It is important that you allow enough time prior to the submission deadline to ensure your submission is processed on time as **all** late submissions are subject to a late penalty. We would recommend you allow 30 minutes to upload your work and check the submission has been processed and is correct. Please make sure you submit to the correct assignment link.

Email submission receipts are not currently supported with Turnitin Feedback Studio LTI integrations, however following a submission, students are presented with a banner within their assignment dashboard that provides a link to download a submission receipt. You can also access your assignment dashboard at any time to download a copy of the submission receipt using the receipt icon. It is vital that you make a note of your **Submission ID (Digital Receipt Number)**. This is a unique receipt number for your submission, and is proof of successful submission. You may be required to provide this number at a later date. We recommend that you take a screenshot of this page, or note the number down on a piece of paper.

The last submission prior to the deadline will be treated as the final submission and will be the copy that is assessed by the marker.

It is your responsibility to ensure that the version received by the deadline is the final version, resubmissions after the deadline will not be accepted in any circumstances.

Important: If you have any problems during the submission process you should contact ServiceLine immediately by email at Serviceline@soton.ac.uk or by phone on +44 (0)23 8059 5656.

Late Penalties: Further information on penalties for work submitted after the deadline can be found [here](#).

Special Considerations: If you believe that illness or other circumstances have adversely affected your academic performance, information regarding the regulations governing Special Considerations can be accessed via the Calendar: <http://www.calendar.soton.ac.uk/sectionIV/special-considerations.html>

Extension Requests: : Extension requests along with supporting evidence should be submitted to the Student Office as soon as possible before the submission date. Information regarding the regulations governing extension requests can be accessed via the Calendar: <http://www.calendar.soton.ac.uk/sectionIV/special-considerations.html>

Academic Integrity Policy: Please note that you can access Academic Integrity Guidance for Students via the Quality Handbook: http://www.southampton.ac.uk/quality/assessment/academic_integrity.page?. Please note any suspected cases of Academic Integrity will be notified to the Academic Integrity Officer for investigation.

Feedback: Southampton Business School is committed to providing feedback within 4 weeks (University working days). Once the marks are released and you have received your feedback, you can meet with your Module Leader / Module Lecturer / Personal Academic Tutor to discuss the feedback within 4 weeks from the release of marks date. Any additional arrangements for feedback are listed in the Module Profile.

Student Support: Study skills and language support for Southampton Business School students is available at: <http://www.sbsaob.soton.ac.uk/study-skills-and-language-support/>.