School of Computing, Engineering, and Physical Sciences
Assessment Guidance Coversheet

Module Code:	COMP10020	
Module Title:	Internet Technologies	
Module Co-ordinator:	Dr. Derek Turner	
Assessment set by:	Dr. Derek Turner	
Learning Outcomes Assessed:	L1 , L2	
Issued:	16/09/2025	
Deadline:	07/12/2025	
Feedback[1]:	11/01/2026	
Individual / Group assessment:	Individual ☐	Group ☒

Anonymity
The University Regulations makes it clear that all assessments are marked anonymously (Regulation 3.4) unless the assessment itself renders anonymity impossible e.g. placements, presentations, practical assessments. Unless otherwise stated, do not put your name or Banner ID on your submission.

Referencing
The standard referencing style at UWS is **Cite Them Right (CTR) Harvard** and your references should be in accordance with these guidelines. The University provides a drop-down menu that lets you see examples of how you should reference journals, books, websites etc. Guidance on referencing styles can be found on the UWS Library website: https://uws-uk.libguides.com/referencing

Extenuating Circumstances (ECS)
The University recognises that, from time to time, you may encounter issues which may prevent you from being able to submit or undertake an assessment. Where this is the case, you can complete an Extenuating Circumstances Submission (ECS) for consideration. The ECS will be forwarded to the School Assessment Board to take account of this declaration in recording your module marks. Guidance on ECS claims can be found: https://www.uws.ac.uk/current-students/supporting-your-studies/exams-assessment-appeals/academic-appeals-extenuating-circumstances/

[1] Note that any mark / grade you receive is provisional and may be subject to change until there has been internal moderation, external examination and ratification at the School Assessment Board.

Generative AI

The type of Generative AI you are allowed to use within your assessment is:

Type	Description	Allowed
1	**Restricted** Only the use of routine and established tools, such as auto-transcription, spell checkers, grammar check is permitted.	☐
2	**Specified** Generative AI may be used for clearly delineated tasks as appropriate / allowed / recommended, although its use is **not** mandatory in order to complete the assessment. Generative AI programming support such as github copilot may be used to check syntax and aid debugging of code. AI may not be used to produce written documentation.	☒
3	**Open** No specific restrictions but with requirement to track key stages / tools utilised. The use of such tools is **not** mandatory in order to complete the assessment. This may include: (i) Socratic chatbot, (ii) summarisation, simplification, synthesis, and translation, (iii) generative illustrative media content, and (iv) support production of multimedia artefacts. Please state here what Generative AI is and is not allowed.	☐
4	**Embedded** Generative AI is a feature of the assessment itself. Here the use of Generative AI is a focal aspect of the assessment. This may include (i) using named tools for specific outcome, (ii) output comparison and critique, and (iii) develop or error check code. Please state here what Generative AI is and is not allowed.	☐

Assessment Student Declaration Coversheet

All students are expected to complete the Student Declaration and insert that as the first page of your submission. The Module Co-ordinator will have uploaded this to Aula for you to complete.

- For written assessments, insert the Declaration as the first page of your document.
- For assessments not in the written format (e.g. video, audio, presentation, or practical work), submit the Declaration as a separate file.
- For group assessments, unless otherwise directed by your lecturer, the group may submit a single shared declaration.

Assessment guidance

Your task is to create a **specification document** for a site and to implement a **proof-of-concept site**.

The site design is to provide solution for a realistic scenario that requires choices between internet technologies and implementation strategies. The documentation must be **detailed, structured** and **cover all specified aspects** discussed in class. The proof of concept will be a working web app which illustrates the design of the site and some interaction with a database, it is not a full implementation of the design document.

You may use any appropriate technology to implement the site and you are not restricted to using the Remix stack or Docker containerisation. Do not use Microsoft solutions or PHP/Laravel as these are covered in other modules.

Note: Your solution must be original with code stored on GitHub and preferably deployed on the internet.

a) Working in Pairs

Although the coursework is intended to be developed in pairs, individual submissions will be accepted, but no allowance can be given for solitary efforts. Exceptionally the site may be developed by three persons if even pairings are not possible.

Details of the scenario for the proof of concept site and further advice on the structure of the report are provided in the module handbook via Aula..

Marking Rubric

The following are guidelines only, and a given grade may be awarded for other work that is deemed suitable.

Generally, each criterion depends on the preceding criteria being met:

Grade	Report: Overview (20%)
A1	Exceptional: detailed background research is applied to the discussion core and advanced functions and GDPR has been considered in the context of the app design. Excellent discussion in all sections describing an app with commercial potential.
A2	Outstanding: detailed background research is applied to the discussion core and advanced functions and GDPR has been considered in the context of the app design. Excellent discussion in all sections.
A3	Excellent: detailed background research is applied to the discussion core and advanced functions and GDPR has been considered in the context of the app design. Excellent discussion in two sections.
B1	Very Good: detailed background research is applied to the discussion core and advanced functions and GDPR has been considered in the context of the app design.
B2	Good: detailed background research is applied to the discussion core and advanced functions and GDPR has been considered discussed at a general level.
C	Basic: each section, of background, core and advanced functions and GDPR has been considered discussed at a general level
D	Below threshold: Section represents some preparation, but is incomplete in coverage of background, core and advanced functions and GDPR
E	Well below threshold: Section does not reflect adequate planning to produce an app based on the scenario

Grade	Report: Implementation (20%)
A1	Exceptional: each of the section, of user interface, technology stack and data organisation are discussed at an excellent level with a high level of detail and supporting diagrams and appropriate use of

	design tools. Alternative technology stacks have been compared. The app appears commercially viable.
A2	Outstanding: each of the section, of user interface, technology stack and data organisation are discussed at an excellent level with a high level of detail and supporting diagrams and appropriate use of design tools. Alternative technology stacks have been compared.
A3	Excellent: each of the section, of user interface, technology stack and data organisation are discussed at an excellent level with a high level of detail and supporting diagrams and appropriate use of design tools.
B1	Very Good: each of the section, of user interface, technology stack and data organisation are discussed at a good level with good detail and supporting diagrams and appropriate use of design tools.
B2	Good: each of the section, of user interface, technology stack and data organisation are discussed at a good level with good detail and supporting diagrams.
C	Basic: each of the sections, of user interface, technology stack and data organisation are discussed at a general level.
D	Below threshold: Section represents some preparation, but is incomplete in coverage of user interface, technology stack and data organisation
E	Well below threshold: Section does not reflect adequate planning to produce an app based on the scenario

Grade	**Report: Hosting (10%)**
A1	Exceptional: An appropriate host has been identified and features of the service described at a detailed level. Detailed consideration has been given to scale-ability and tracking and the hosting solution is a very good match for the proposed app.
A2	Outstanding: An appropriate host has been identified and features of the service described at a detailed level. Detailed consideration has been given to scale-ability and tracking.
A3	Excellent: An appropriate host has been identified and features of the service described at a detailed level. Good consideration has

	been given to scale-ability and tracking.
B1	Very Good: An appropriate host has been identified and features of the service described at a detailed level. Good consideration has been given to scale-ability or tracking
B2	Good: An appropriate host has been identified and features of the service described at a detailed level.
C	Basic: An appropriate host has been identified and features of the service described at a general level.
D	Below threshold: Section represents some preparation, but the features of the hosting service are not fully described.
E	Well below threshold: Section does not reflect adequate planning to host an app based on the scenario

Grade	**Report: Presentation (10%)** **Structure, intro, conclusion, presentation Referencing**
A1	Exceptional: A document which might satisfy the brief in a professional context.
A2	Outstanding: the document matches the structure of the brief and is well written, clearly expressed excellently laid out. Diagrams are of a high standard. Citations and References follow UWS guidelines. Section headings and figure captions are used in TOC. Conclusion is well justified.
A3	Excellent: the document matches the structure of the brief and is well written, clearly expressed excellently laid out. Citations and References follow UWS guidelines. Section headings and figure captions are used in TOC. Conclusion is well justified.
B1	Very Good: the document matches the structure of the brief and is well written, clearly expressed and presented. Citations and References follow UWS guidelines. Section headings and figure captions are used in TOC.
B2	Good: the document matches the structure of the brief and is generally well written and presented. Citations and References follow UWS guidelines.

C	Basic: the document matches the structure of the brief and is generally well written and presented.
D	Below threshold: the document matches the structure of the brief but is marred by significant omissions, poor grammar, errors or poor formatting.
E	Well below threshold: the document does not match the structure of the brief.

Grade	**Site: (40%)**
A1	Exceptional: Reflects the quality of a commercially developed application.
A2	Outstanding: extends the minimum functionality required by the scenario in several areas with good visual design and implementation and a high degree of originality
A3	Excellent: extends the minimum functionality required by the scenario in several areas with good visual design and implementation
B1	Very Good: extends the minimum functionality required by the scenario with good visual design and appropriate technology
B2	Good: fulfils the minimum functionality required by the scenario with good visual design and appropriate technology
C	Basic: fulfils the minimum functionality required by the scenario
D	Below threshold: incomplete, not meeting the minimum functionality required by the scenario
E	Well below threshold: inappropriate or non-working app