

Assessment Specification

Module Details

Module Code	MDF03
Module Title	Study Group Project
Module Leader	Prof Emmanuel Merchan
Module Tutors	Prof Dmitry Pavlyuk, Prof Aleksandr Grakovski, Associate Prof Nadezda Spiridovska Associate Prof Samuel Moveh
Year	2023-2024
Component/Element Number	A2
Total number of assessments for this module	3
Weighting	25%
Total Assignment Time	-
Element Description	<p>Element A2 – Project Portfolio</p> <p>This will consist of the teams' process and design documentation during phase 2, including outputs such as:</p> <ul style="list-style-type: none"> a. Shared document libraries featuring annotated bibliography /literature review b. Team journals/blogs: documenting research and development and reflecting on progress and problems c. Project management and participation documentation (e.g. Trello boards) d. Prototypes and testing results e. Peer/tutor review feedback and reflection

Dates

Date issued to students	15/02/2024
Date to be returned to students	-
Submission Date	12/04/2024
Submission Place	Moodle
Submission Time	17:00h
Submission Notes	-

Feedback

Feedback provision will be	Feedback will be provided in the Moodle environment
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Section 1: Overview of Assessment

This assignment assesses the following module learning outcomes:

This is worth **25%** of the module marks.

Module Learning Outcomes	Reference
Demonstrate comprehensive understanding of core research methods and scientific writing conventions (A1, A3)	MO1
Apply research techniques and critical thinking skills in an applied engineering project (A1, A3)	MO2
Demonstrate ability to collaborate effectively in an interdisciplinary research team using agile methods(A2, A3)	MO3
Develop self-reflective ability to evaluate research competencies and translate skills to practice (A1, A3)	MO4
Effectively communicate research and findings through professional written and oral presentations (A2, A3)	MO5

There are two submission points: individual aspects and group aspects

- **All Students must submit to the individual aspect assignment point**
- **One Student per Team should submit to the group aspect assignment point**

If you have questions about the assignment, **ask your course leader.**

Section 2: Task Specification

The portfolio is effectively a repository of all the development work and project control undertaken by the team. Contents will vary but could include:

1. Pages featuring annotated literature review
2. Pages documenting research and development and reflecting on progress and problems
3. Project management and participation documentation (e.g. Trello boards)
4. Team meeting minutes
5. Prototypes and testing results
6. Peer/tutor review feedback and reflection
7. Links to user interfaces/notebooks/visualisations and team code repository

There is no word count limit to this component, but the team should exercise judgment as to what content is relevant to an assessment of the team process and product.

YOU SHOULD NOT EXPECT TO GET ANY REMINDERS FROM TUTORS ABOUT ANY OF THESE RESPONSIBILITIES OR DEADLINES

Section 3: Deliverables

#	Tasks	Points	Submission date	Submission Place
1	This will consist of the repository (e.g., GitHub or Wiki repository) It should be set up with a Home Page showing the team number, team member names, the project title and a short description of the project (max 100 words), followed by an annotated table of contents that links to all the other pages in the submission and includes: title, short description, contributor(s). Where more than one person has worked on an item, insert e.g. "Paul (70%) Chris (30%)". If the item relates to the whole team, put "team". Note that all external links must be shared so as to be accessible to tutors on submission and for two months afterwards. Please submit as much as possible as text pages rather than attachments, to make it easier to understand and assess.	25	12-April-2024	Moodle
	TOTAL	25		

Section 4: Marking Criteria

Each student will receive a team (T) and individual (I) mark, as noted below

Criterion	Poor/Fail (<4)	Good (5 - 6)	Very Good / Merit (7-8)	Excellent / Distinction (9-10)
Quality and extent of individual contribution (Individual)	Very limited, absent or sub-standard contribution. Highly derivative (e.g. copied with little or no adaptation from a web source)	Solid contribution, though perhaps not very extensive or not adding significant value or insight	Good quality contribution showing some originality. Advances project in more than one way.	Excellent quality and quantity of contribution showing originality of approach, depth of research and clearly adding value to the team product on several dimensions
Extent of individual engagement (Individual)	Student minimally or not engaged – substantial evidence, with impact on team performance	Good engagement, though no evidence of going beyond a basic level of commitment and responding to tasks passively	High engagement with leadership and proactive project management	Significant leadership and substantial personal commitment to the team. Highly proactive in keeping the team focused and delivering
Team product (Team)	No clearly useful output/output not suitable for a technical module	Product passable, but limited in scope – very simple or derivative without clear distinction	A substantial and relatively innovative output clearly informed by research and iterative development, with coding, good UI design or significant data analysis.	A highly original or in-depth product showing well researched and approach and featuring some combination (either/and) of strong data aggregation or modelling, detailed interaction design, significant original coding

Team process (Team)	Chaotic and unstructured team dynamic, with very little or no evidence of process.	Limited evidence of team management process or structured methodology	Generally solid team and project management. Well informed choice and application of methods, tools and principles.	A high standard of teamwork evident, together with excellent project planning, management and control. Deep and critical commitment to methodology.
Portfolio presentation and organisation (Team)	Confusing or very badly organised, with undocumented or missing content	Largely well organised, perhaps with a little lack of logic or some mislabeling	Well organised, with all parts clearly labelled and findable	Clear, understandable and extremely well documented. An exemplary set of documentation.

Section 5: Feedback mechanisms

Feedback in Moodle environment.

Appendices and Additional Information

None.