



Republic of Turkey
YILDIZ TECHNICAL UNIVERSITY
Department of Mechatronics Engineering
MKT 4000 Graduation Project
INTERIM REPORT ASSESSMENT FORM

Term:	2026-2027 Fall	Student 1:	
Date:	 / / 202...	Student 2:	
Assessed by:	Supervising Faculty Member	Student 3:	
Project Title:		Student 4:	
#	Assessment Criterion and Description	Weight	Score
1	System Design Summary and Design Improvement: Summarizing the general concept of the project and the improvements made in this concept together with their justifications. Presentation of the project management plan and the work calendar chart.	15	
2	Detailed Design: -Subsystem Component and Method Changes -Mechanical / Electronic / Software and Control Detailed Designs	50	
3	Prototype Manufacturing and Integration Plan: Presentation of the steps required for the production and assembly of the physical prototype and of the schedule. Step-by-step instruction of the production/assembly of the prototype with a clarity that a person outside the	15	
4	Test and Verification Plan*: Updating and finalization of the test scenarios that will prove that the prototype meets its targeted technical requirements. Hierarchical Planning: Layered structuring of the tests at the Component, Subsystem and System levels. Measurement Strategy: Testing of the technical requirements with appropriate equipment and scientific methods Mandatory Quantitative Data: Expression of the success criteria with quantitative values and explanation of the	15	
5	Work Plan, Discussions and Conclusions: Presentation of the current schedule of the project and of the overall evaluation of the report.	5	
TOTAL		100	

* The Test and Verification Plan section targets the quantitative measurement of the engineering outputs of the project. Within this scope, the students must submit a table stating with which methods and equipment they will verify the technical requirements defined in the MSD course. This plan, declared in the Interim Report, will be accepted as the primary reference for the level of realization in the Final phase.

GRADE / ASSESSMENT COMMENTS:

Supervising Faculty Member
(Title, Name Surname)

Signature:



Republic of Turkey
YILDIZ TECHNICAL UNIVERSITY
Department of Mechatronics Engineering
MKT 4000 Graduation Project
POSTER ASSESSMENT FORM

Term:	2026-2027 Fall	Student 1:	
Date:	 / / 202...	Student 2:	
Assessed by:	Jury Member	Student 3:	
Project Title:		Student 4:	

#	Assessment Criteria and Sub-Criterion Scoring Table										Weight	Score	
1	Poster Organization and Presentation Skills - Organization: The poster should visually attract the attention of the viewers and the poster organization should be comprehensible. - Text and Graphics: The texts on the poster should be legible (font type - size) and comprehensible (scope and composition), and the balance between text and graphics should be maintained. - Context: The poster headings should be structured in an appropriate context. - Size: The appropriateness of the poster dimensions.										15		
	2 Targeted and Achieved Outputs: Compliance with the schedule and realism of the schedule												
	3 Prototype Functionality and Presentation: The level at which the produced prototype fulfils the targeted functions and the effective demonstration of its operating principle during the presentation.												
	4 System Safety Precautions: The mechanical, electrical and software safety precautions of the prototype (emergency stop, insulation, user safety, etc.) must be designed and implemented.												
	5. Project Components (Each sub-criterion under the disciplines is worth 5 points; the raw discipline score is 25)												
5	Mechanical	Mechanical Part Procurement	... / 5	Manufacturing	... / 5	Assembly	... / 5	Mechanical Performance Tests	... / 5	System Integration	... / 5	25**	
	Electronics	Electronic Board Design	... / 5	Electronic Board Manufacturing	... / 5	Electronic Board Safety Precautions	... / 5	Electronic Board Performance Tests	... / 5	System Integration	... / 5	25**	
	Software/Algorithm	Code Generation from the Algorithm	... / 5	Linking the Relevant Data Sources to the	... / 5	(Hyper) Parameter Optimization /	... / 5	Software Performance Tests	... / 5	System Integration	... / 5	25**	
	Control	Controller Implementation	... / 5	Model-Based Control / Discrete Control	... / 5	Controller Parameter Optimization	... / 5	Controller Performance Tests	... / 5	System Integration	... / 5	25**	
TOTAL											100		

* The maximum total score that can be obtained from the Project Components criterion is 50.

** Each discipline has five sub-criteria and each sub-criterion is worth 5 points. The raw maximum score of each discipline is 25. The sum of the raw scores of the four disciplines is limited to 50 points.

GRADE / ASSESSMENT COMMENTS:

Jury Member (Title, Name Surname) Signature:



Republic of Turkey
YILDIZ TECHNICAL UNIVERSITY
Department of Mechatronics Engineering
MKT 4000 Graduation Project
FINAL REPORT FORMAT COMPLIANCE ASSESSMENT FORM

Term:	2026-2027 Fall	Student 1:	
Date:	 / / 202...	Student 2:	
Project Title:		Student 3:	
		Student 4:	

#	Assessment Criterion and Description	Weight	Score			
			Student 1	Student 2	Student 3	Student 4
1	References and heading selections, use of the template format	25				
2	Format compliance of the report front matter (cover, table of contents, abstract, list of figures, etc.)	25				
3	Format compliance of the figure, equation and table captions	25				
4	Format compliance of the page layout and the fonts	25				
TOTAL		100				

GRADE / ASSESSMENT COMMENTS:

Course Assistant
(Title, Name Surname)

Signature:



Republic of Turkey
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MKT 4000 Graduation Project
FINAL ASSESSMENT FORM

Term:	2026-2027 Fall	Student 1:				
Date:	 / / 202...	Student 2:				
Assessed by:	Jury Member	Student 3:				
Project Title:		Student 4:				
#	Assessment Criterion and Description	Weight	Score			
			Student 1	Student 2	Student 3	Student 4
1	Presentation Skills: Ability to express the presentation content verbally and appropriateness of the answers given to the questions	10				
2	System Demonstration Video: A video of at most 1 minute showing that the produced prototype is operational and demonstrating its functions.	10				
3	Test and Verification (Planning, Implementation and Analysis): Presentation of the tests carried out to verify that the prototype meets its targeted technical requirements, and of their results.	20				
4	4.1 Mechanical: Mechanical Part Procurement, Manufacturing, Assembly, Mechanical Performance Tests, System Integration, Originality, innovation and	20*				
	4.2 Electronics: Electronic Board Design, Electronic Board Manufacturing, Electronic Board Safety Precautions, Electronic Board Performance Tests, System Integration, Originality, innovation and pioneering approaches	20*				
	4.3 Software / Algorithm: Code Generation from the Algorithm, Linking the Relevant Data Sources to the Code, (Hyper) Parameter Optimization, Software Performance Tests, System Integration, Originality, innovation and pioneering approaches	20*				
	4.4 Control: Controller Implementation, Model-Based Control / Discrete Control, Controller Parameter Optimization, Controller Performance Tests, System Integration, Originality, innovation and pioneering approaches	20*				
	Total Project Components	60**				
TOTAL		100				

* Indicates the maximum score that can be obtained from the specified assessment criterion; the sum of the sub-criteria listed below exceeds this maximum score.

** The maximum score that can be obtained from the total of the Project Components is 60.

GRADE / ASSESSMENT COMMENTS:

Jury Member
(Title, Name Surname)

Signature:



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MAKE-UP JURY ASSESSMENT FORM

Term:	2026-2027 Fall	Student 1:				
Date:	 / / 202...	Student 2:				
Assessed by:	Jury Member	Student 3:				
Project Title:		Student 4:				
#	Assessment Criterion and Description	Weight	Score			
			Student 1	Student 2	Student 3	Student 4
1	Presentation Skills: Ability to express the presentation content verbally and appropriateness of the answers given to the questions	10				
2	System Demonstration Video: A video of at most 1 minute showing that the produced prototype is operational and demonstrating its functions.	10				
3	Test and Verification (Planning, Implementation and Analysis): Presentation of the tests carried out to verify that the prototype meets its targeted technical requirements and of their results	20				
4	4.1 Mechanical: Mechanical Part Procurement, Manufacturing, Assembly, Mechanical Performance Tests, System Integration, Originality, innovation and	20*				
	4.2 Electronics: Electronic Board Design, Electronic Board Manufacturing, Electronic Board Safety Precautions, Electronic Board Performance Tests, System Integration, Originality, innovation and pioneering approaches	20*				
	4.3 Software / Algorithm: Code Generation from the Algorithm, Linking the Relevant Data Sources to the Code, (Hyper) Parameter Optimization, Software Performance Tests, System Integration, Originality, innovation and pioneering approaches	20*				
	4.4 Control: Controller Implementation, Model-Based Control / Discrete Control, Controller Parameter Optimization, Controller Performance Tests, System Integration, Originality, innovation and pioneering approaches	20*				
	Total Project Components	60**				
TOTAL		100				

* Indicates the maximum score that can be obtained from the specified assessment criterion; the sum of the sub-criteria listed below exceeds this maximum score.

** The maximum score that can be obtained from the total of the Project Components is 60.

GRADE / ASSESSMENT COMMENTS:

Jury Member (Title, Name Surname)
Signature:



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SUPERVISOR FINAL REPORT ASSESSMENT FORM

Term:	2026-2027 Fall	Student 1:				
Date:	 / / 202...	Student 2:				
Assessed by:	Supervising Faculty Member	Student 3:				
Project Title:		Student 4:				
#	Assessment Criterion and Description	Weight	Score			
			Student 1	Student 2	Student 3	Student 4
1	Summary and Revision of the System Design: Review and revision of the system concept, its scope, its specifications and its schematics (flowchart, product tree, etc.). Presentation of the project management plan and the work calendar chart*.	5				
2	Revision of the Subsystem Designs: Review and revision of the Mechanical, Electronics, Control and Software/Algorithm systems.	5				
3	Detailed Design: Mechanical: Detailed technical design of the system, manufacturing technical drawings, component sizings, material selections and assembly methods. Electronics: Electronic board design, component placement plans and signal paths. Control/Signal Processing: Control system design and explanation of the relevant control/signal processing flows or of the design structure. Software/Integration: Explanation of the software flow diagrams and of the algorithm designs.	40				
4	Prototype Manufacturing and Integration: Integration of the mechanical, electronic, software and interface subsystems of the prototype. Presentation of the steps required for the production and assembly of the physical prototype and of the schedule. Step-by-step instruction of the production/assembly of your prototype with a clarity that a person outside the team can follow.	20				
5	Test and Verification: Mechanical, electronic, control and software tests.	20				
6	Discussions and Conclusions**	10				
TOTAL		100				

GRADE / ASSESSMENT COMMENTS:

Supervising Faculty Member
(Title, Name Surname)

Signature: