

# Response to Evaluation Comment

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## *Project 14: Automated Guided Vehicle Wireless Charging System with DSP-Based Position-Adaptive Frequency Control*

We thank the evaluator for reviewing the final report. The report received 28/30 overall, with the only stated deduction in the Design section: "Missing pictures of project and subsystems." We agree with this comment. The original draft included architecture diagrams and subsystem descriptions, but it did not include physical photographs of the implemented prototype hardware.

### Evaluation Summary

Category	Score	Evaluator Note	Response Status
Introduction	5/5	No issue noted.	Acknowledged
Design	7/9	Missing pictures of project and subsystems.	Revised
Cost and Schedule	2/2	No issue noted.	Acknowledged
Requirements and Verifications	8/8	No issue noted.	Acknowledged
Conclusions	6/6	No issue noted.	Acknowledged
<b>Total</b>	<b>28/30</b>	<b>Only explicit deduction was in Design.</b>	<b>Reconsideration requested</b>

### Point-by-Point Response

**Comment 1:** Design section is missing pictures of the project and subsystems.

**Response 1:** We agree and have revised the final report to address this issue directly. A new appendix section titled "Prototype Photographs" has been added, and the Design section now explicitly refers the reader to this appendix from the System Architecture subsection.

### Specific Revisions Made

- Added a photograph of the implemented charging subsystem.
- Added a photograph of the STM32 motion-control hardware.
- Added a photograph of the Raspberry Pi controller hardware.
- Added a photograph of the full AGV prototype.
- Added an in-text reference in the System Architecture subsection so the physical prototype photographs are connected to the design discussion.

These revisions directly address the evaluator's stated concern by showing both the complete project and the major subsystems described in the Design section. The added photographs make the subsystem partitioning clearer: the charging station hardware, STM32 motion-control layer, Raspberry Pi sensing/control layer, and integrated AGV platform are now visually documented in the report.

## **Reconsideration Request**

Because the only explicit design-related deduction was the absence of project and subsystem pictures, and because those pictures have now been added and referenced in the report, we respectfully request reconsideration of the Design score for this item.