



Team AI - 26

AVIONICS INTEGRATION TEST BENCH DELIVERABLES



*ELEC 491 Capstone Project
University of British Columbia*

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1. List of Deliverables

1.1 Project Report Deliverables

- ☐ Requirements Report Document
- ☐ Design Report Document
- ☐ Verification & Validation Report Document

1.2 Electrical Deliverables

- ☐ Assembled electrical hardware for at least one complete test bench setup, including printed circuit board assemblies (PCBAs) and any custom cabling/wire harnesses.

1.3 Software Deliverables

- ☐ Test bench GUI application executable
- ☐ Python source code to GUI application
- ☐ Device firmware and FPGA configuration source code
- ☐ Final build artifacts for device firmware and FPGA configuration

1.4 Mechanical Deliverables

- ☐ Mechanical housings, casings, or stands for the test bench hardware with all necessary fasteners.

1.5 Documentation Deliverables

- ☐ Test bench system user manual
- ☐ Schematics, hardware specs, and datasheets
- ☐ Bill of materials
- ☐ Capstone video

Appendix A: Team Information

Name	Initials	Tech Lead	Management Lead
Anthony Wang	AW	GUI software (front end)	Deliverable Organiser
Nursultan Tugolbaev	NT	Hardware	Internal Discussions / Meetings
Patric McDonald	PM	GUI software (back end)	Treasurer Minute taker
Andrew Hanlon	AH	Firmware	Client Communication
Isabelle André	IA	Digital logic design	Internal/External Communications

Appendix B: Project Contributions

Report Contributions

Section	Major Content	Minor Content	Author	Reviewer
List of Deliverables	AW PM	IA NT AH	AW PM	IA NT AH
All sections formatting	AW IA	AW	AW IA	IA NT

Deliverables Contributions

Deliverable	Major Design	Minor Design	Major Testing	Minor Testing
Project Report	IA AH NT AW PM	IA AH NT AW PM	IA AH NT AW PM	IA AH NT AW PM

Appendix C: Client Signature

Signature