

EG-499 Capstone Design

Team Thermocline

Weekly Status Report (Week 4)

Date: 2-1-26

Completed This Week:

- *Weekly Meeting (1-27-26)*

Nik (Project Engineer):

- PH

Alex (Chief Test Engineer):

- CAD model for insert of evaporator
- Verification matrix

Lexi (System Engineer):

- CAD design of fan panel

Jacob (Chief Analyst):

- I&T Flow Chart
- Verification Matrix work
- CAD redesign of structural frame & airflow chamber
- CAD design of heater panel & fasteners

Joe (Program Lead):

- PH

Next Week Plans:

- Interim Report
- Continue testing components
- Begin fabrication of system
- More CAD design of critical mechanical components
- PCB controller ordered

Updated Status on Issues Previously Reported:

- New meeting period decided to be on Tuesdays post-class.

Issues Needing Resolving:

- N/A