Matthew Baker

Engineering Journal

Senior Design Capstone II – Spring 2024 Semester

**Date: 01/16/24**

**Type of Meeting: Class**

**Present? Yes**

**Discussion:** Initial get together and update of TA. Researched proper connections to run arduino to program EMC2101 fan controllers.

**Date: 01/18/24**

**Type of Meeting: Class**

**Present? Yes**

**Discussion:** Discussed division of labor further, began work on wiring and pinouts of EMC2101 fan controllers.

**Date: 01/23/24**

**Type of Meeting: Class**

**Present? Yes**

**Discussion:** Received soldered pin version and completed programming of EMC2101 controllers. Received prototype of 3D printed external ventilation covers, gave relevant feedback to Kisellus for revisions to aid in connection to fan.

**Date: 01/25/24**

**Type of Meeting: Class**

**Present? No**

**Discussion:** Absent due to medical appointment. Researched best methods for creating driver boards to house EMC2101 controllers.

**Date: 01/30/24**

**Type of Meeting: Class**

**Members Present: All**

**Discussion:**

**Date: 02/01/24**

**Type of Meeting: Class**

**Members Present: All**

**Discussion:**

**Date: 02/06/24**

**Type of Meeting: Class**

**Members Present: All**

**Discussion:**