

**Position Assigned:**

Project Manager: Michael L. Kolis

Computer Engineer: Oluyinka Williams

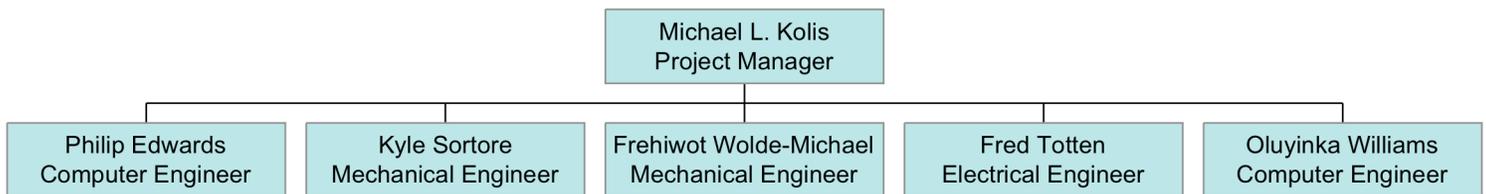
Mechanical Engineer: Kyle Sortore

Mechanical Engineer: Frehiwot Wolde-Michael

Electrical Engineer: Fred Totten

**Authority Structure:**

Project 8541 Team Organizational Chart

**Project Manager Duties:**

- Uses tools from DPM and management classes to ensure proper flow throughout senior design. Serves as a linkage between the various student disciplines to ensure overall coordination and project functionality. Focuses on the overall project scope, serves as a team spokesperson, and handles all necessary formal faculty/sponsor/team relations (Skills: MS Project, Minitab, MS Access, MS Office)

**Mechanical Engineer 1 Duties:**

- Primary physical design of the device. Uses skills and computer tools to model and design the overall mechanical system to be used in this project. Must rely on information from the EE students about device capability when designing paper feed systems, scan systems, and optical calibration.

**Mechanical Engineer 2 Duties:**

- Serves as an aide to the project manager and ensures the physical aspects of the team's progress are in check. Secondary role is to supervise the development of the physical application system designed by the additional ME student. Finally, ensures linkage between the ISE/CE/ME/EE students to ensure each part is functioning accordingly and fully in accordance with components designed by other team members

**Electrical Engineer Duties:**

- Focuses on the linkage with a selected CE student on hardware/software integration. Works on the digital linkage of the applied hardware motors, sensors, and other applied devices. Uses background to hard wire and construct the functional electrical components of the project

**Computer Engineer Duties:**

- Must create the overall graphical user interface. Works with the ISE student to ensure robust human to computer device compliance and uses the applied logistics and metrics derived by the imaging professors to display the devices output. Primary goal is to use the applied computer code and interface and to link that to the applied hardware. Also serves as a secondary source of hard construction aid of the mechanical device with respect to wiring and circuits.