**Van Phuoc Duy Nguyen (301292868)**

**Log Book**

**ETEC326**

Feb 1-4:

The group conducted initial research on the design and components of quadcopters.

Reviewed capstone projects and online tutorials on how to build a helicopter to gather detailed information.

Specifications are determined including desired flight time, payload capacity and control range.

The group divides the work to do.

Feb 5-8:

Research and compare different brands and models for each component.

Components are selected based on budget, performance and compatibility.

Compiled a bill of materials (BOM) that included the frame, motors, propellers, flight controllers, batteries, and other required hardware.

Place orders for selected components, ensuring timely delivery.

Feb 9-14:

Order received

Follow the assembly instructions to build the frame.

An error occurred during the ordering process that resulted in some parts missing, so assembly had to be stopped and orders placed for the missing parts.