John Danison

ECET 32900 – Lab 5

2/28/2025

**Goal**  
The goal of this lab is the get familiar with the Solid Works software by created a design for an enclosure for the Nucleo 64 L47RG board.

**Output:**

Base:A blueprint of a box

AI-generated content may be incorrect.

Top:A blueprint of a door

AI-generated content may be incorrect.

Lab Proof:

A close-up of a text

AI-generated content may be incorrect.

References:  
Ibrahim, D. (2020). *Nucleo boards: Programming with the STM32CubeIDE—Hands-on in more*

*than 50 projects*. Elektor International Media B.V.

Purdue University. (2025). *ECET 32900 tutorial slides and instruction manual*. [Lecture slides].

Purdue University.

Shea, P. (2025). *Reference material for ECET 32900 class at Purdue University*. Purdue

University.