ECE491: Project Replication & Transition Summary

Required for students enrolled in ECE491

Replication is a critical part of the engineering design process. A project that cannot be reliably reproduced due to poor documentation will have limited long-term impact. It is essential to prioritize clear documentation so that others can build on your work and continue development beyond your two-semester effort.

TA or Instructor Walkthrough

- Have you met with the course instructor or TA to walk through the replication of your system? (Circle One): **Yes / No**
- If **Yes**, was all of your work fully reproducible? (Circle One): **Yes / No**
- If **No**, describe what additional work was required to successfully reproduce your system:

Project Handoff – Stakeholder Delivery

- Has the project been completed and handed off to the stakeholder? (Circle One): **Yes / No**
- If **Yes**, provide the stakeholder's contact information:
    - **Name:** _____
    - **Email:** _____

Design Lab Computers

- Is the project currently functional on one of the capstone design lab computers (EN-104)? (Circle One): **Yes / No**
- Make sure your work can be reproduced from **any user account**, not just your personal login.
- If **Yes**, provide the computer's serial number:
    - **Serial Number:** _____

GitHub Reference Documents

List the most important GitHub-hosted documents or files needed to replicate your work. Provide links and short descriptions in order of importance:

1. [Link] – Description
2. [Link] – Description
3. [Link] – Description
4. [Link] – Description

Instructional Video

- Provide a link (or links) to your instructional video(s) focused on transitioning the project:
    - Video Link(s): _____
- Your video(s) should include:
    - A walkthrough of running the system on a design lab computer
    - Step-by-step instructions for software installation (libraries, drivers, dependencies)
    - Any hardware setup or special configuration
    - Notes on troubleshooting or common issues

Parts on Campus

All items must be stored in EN-104 lockers unless otherwise handed off to your stakeholder, or you made alternative arrangements with the instructor.

- Are there any project parts or equipment remaining on campus? (Circle One): **Yes / No**

If YES, enter the locker number and combination below, and complete the table below

- **Locker Number:** _____
- **Locker Combo:** _____
- **Locker Contents:** List important items, please keep lockers organized:
    - [Locker Item] – Description
    - [Locker Item] – Description
    - [Locker Item] – Description
    - [Locker Item] – Description
    - [Locker Item] – Description

Accounts and Credentials

- **Important:** For security purposes, please do **not** share personal account credentials. Only list project-specific team accounts used to run the system or manage software integrations. There is a security risk providing passwords in documentation, so please provide the password information directly to the instructor for any sensitive accounts.
- Does the project use any shared software accounts or services? (Circle One): **Yes / No**
- If **Yes**, list them below:
    - **Software Name / Link**: _____
    - **Username:** _____
    - **Password:** *Provide separately to your instructor*

Before submitting, confirm the following:

- Met with TA or instructor to verify replication
- Project delivered to stakeholder (if applicable)
- Instructional video created and submitted
- Parts returned or stored properly with locker combination provided
- GitHub repo and documentation completed
- Credentials transferred securely for shared accounts