Progress Report 2
RC car project

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1.0 TASKS COMPLETED

What has been done so far?

➢ The following tasks have been completed so far. They are listed below in point form for simplistic reasons.

- Completed initial research of project.
- Completed initial rough sketch design of project.
- Completed initial component testing/research of project.
- Completed initial software testing of project.
- Completed prototype PCB design for Car.
- Completed prototype PCB design for Remote.
- Gathered all components for initial complete prototype (for Car and Remote).
- **Received Car and Remote PCBs from China.**
- **Completed Remote PCB assembly.**
- **Tested Remote PCB for functionality.**
- **Completed Acrylic design for Car and Remote (in software).**

*Points in bold are additions onto this progress report from the previous progress report.

2.0 NEXT TASKS

What's next to completed?

➢ With the mentioned tasks above completed, the next near steps need to be completed. They are listed below in point form for simplistic reasons:

- ~~Need to assemble Remote PCB.~~
- ~~Need to complete acrylic prototype for Car (in software).~~
- ~~Need to complete acrylic prototype for Remote (in software).~~
- Need to assemble Car PCB.
- Need to assemble acrylic prototype for Car (physically).
- Need to assemble acrylic prototype for Remote (physically).

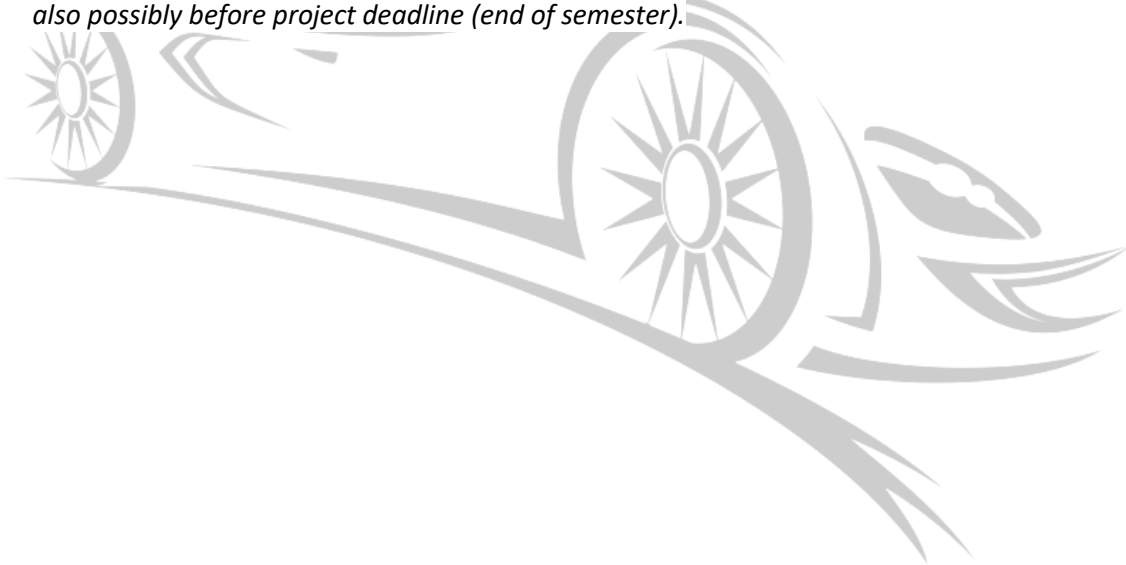*Items crossed out refer to tasks already completed.

3.0 TIMELINE

Basic overview of what is left to do.

➢ A more exact breakdown of all the remaining tasks can be found in the table below:

Week	Task
~~10 (October 25th)~~	~~Assemble and test Car & Remote PCBs.~~
~~11 (November 1st)~~	~~Submit acrylic design for Car and Remote.~~
12 (November 8th)	Assemble acrylic for Car and Remote.
13 (November 15th)	Software/Programming for Car and Remote.
14 (November 22nd)	Software/Programming for Car and Remote.
15 (November 29th)	Touch-ups and other ascetics.

*Note: *some of these tasks will be executed in parallel, to avoid any shortcomings, and to finish earlier also possibly before project deadline (end of semester).*

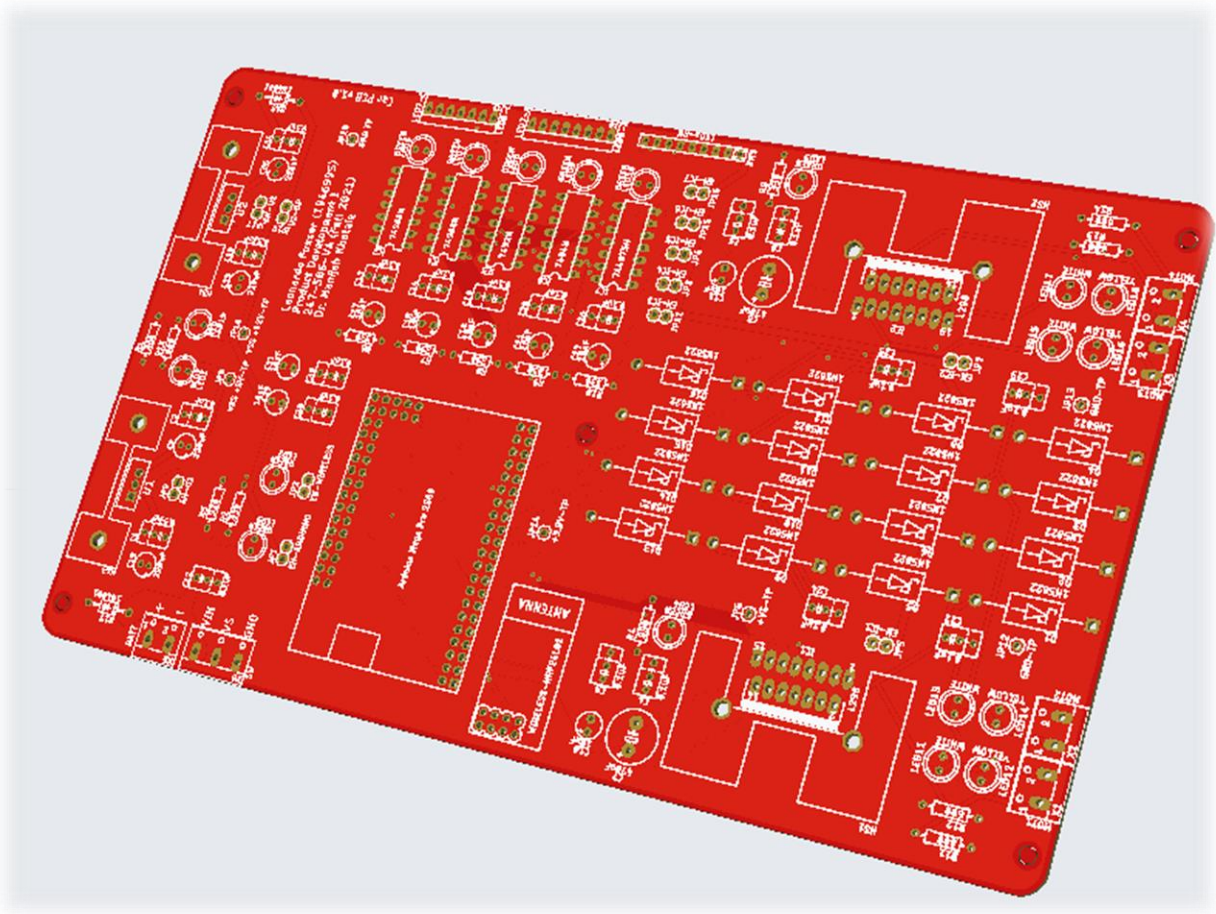# 4.0 PICTURES

Some pictures of work done so far.

Figure 1. Car PCB (top view).

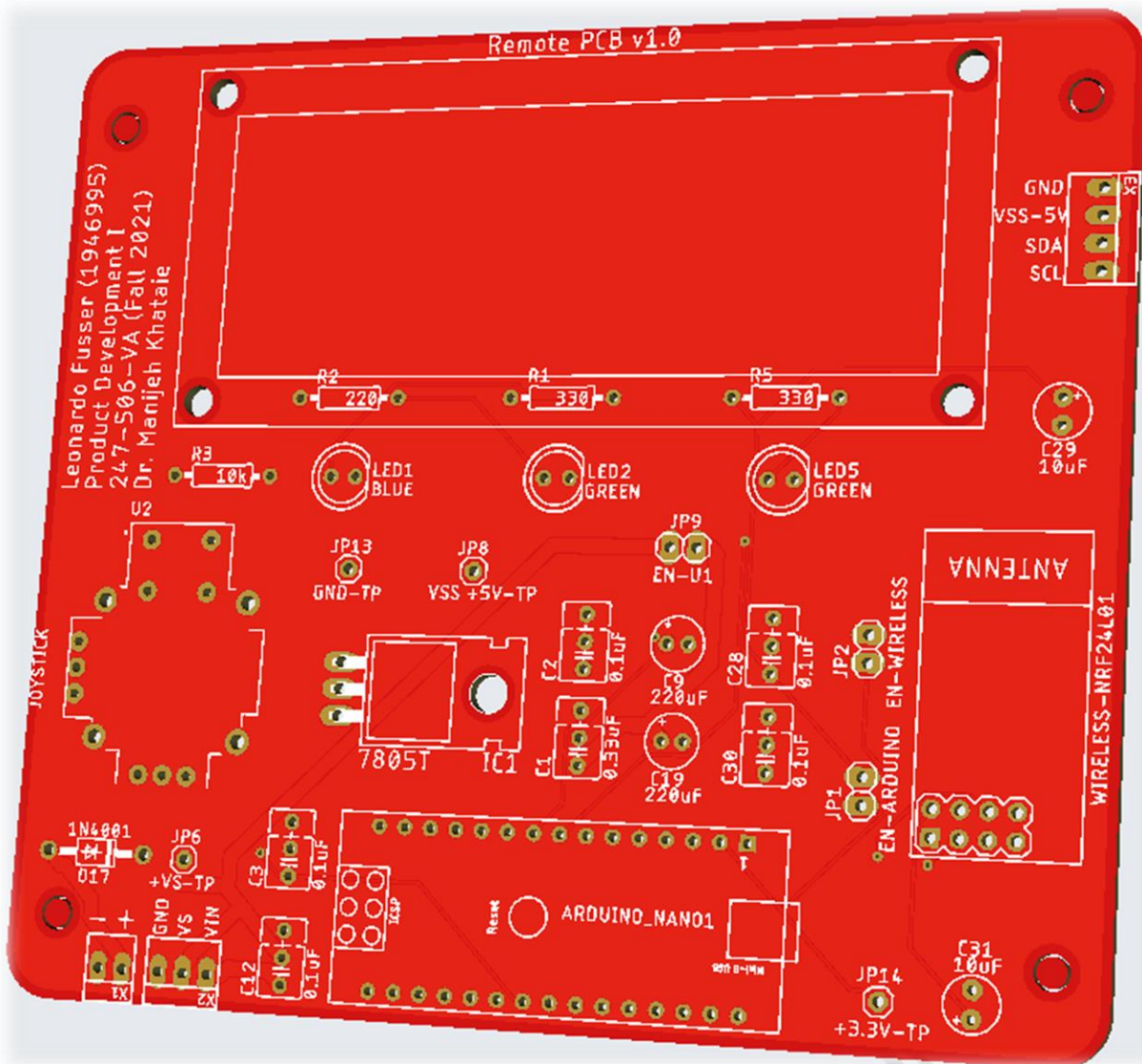*Figure 2. Car PCB (bottom view).*

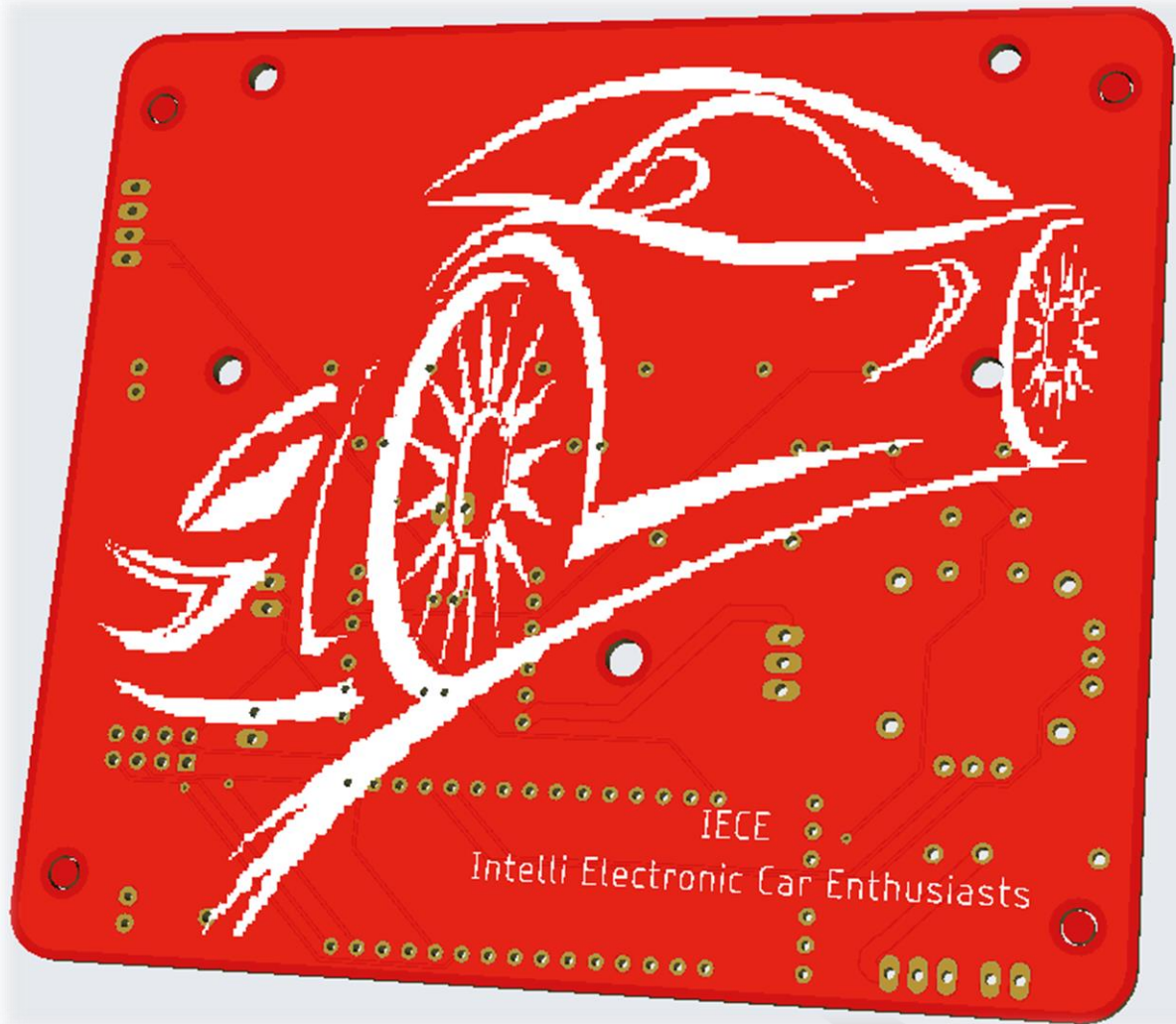*Figure 3. Remote PCB (top view).*

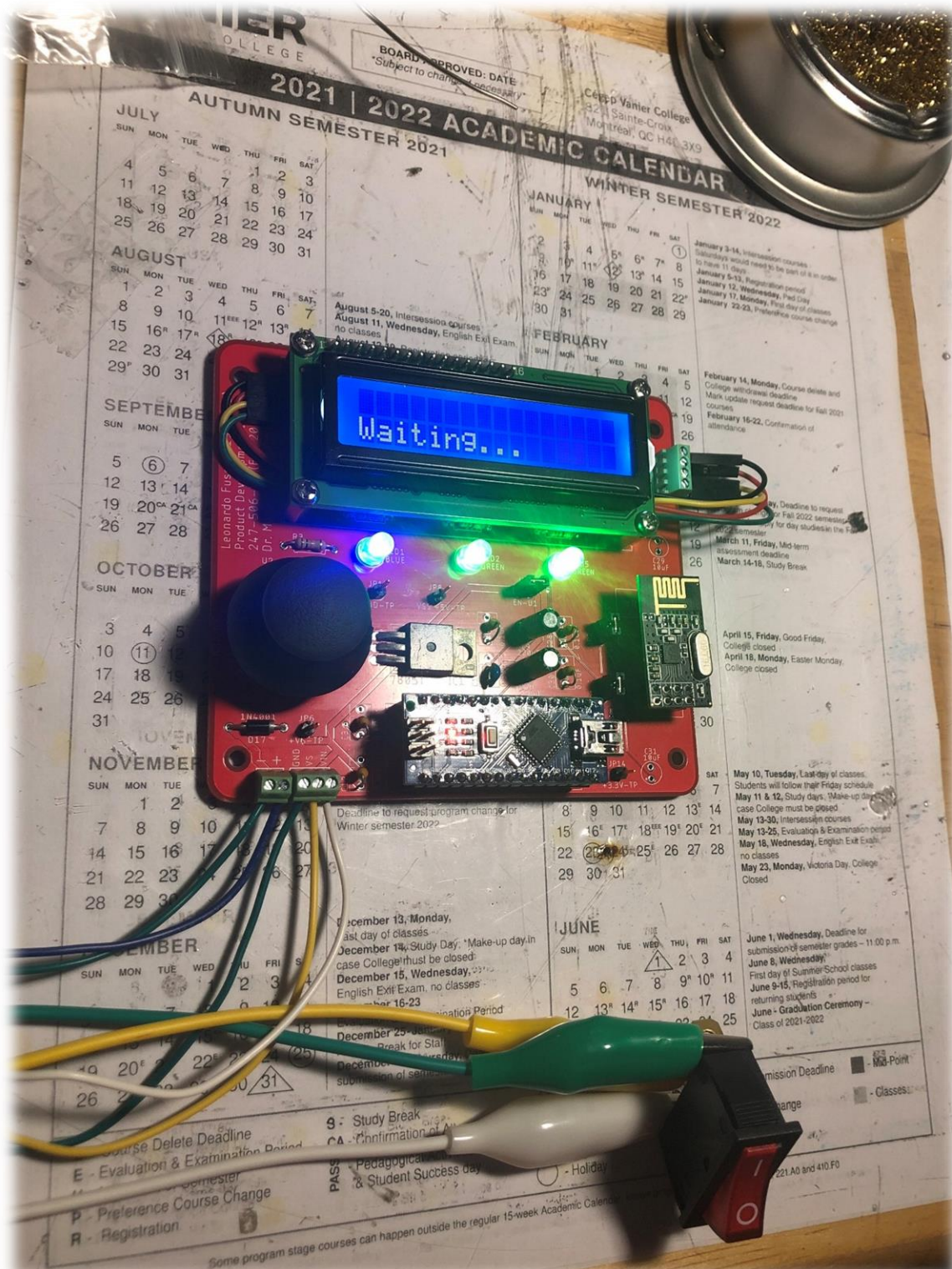*Figure 4. Remote PCB (bottom view).*

Figure 5. Assembled Remote (top view -without acrylic).

Figure 6. Assembled Remote (top view – without acrylic).