

GREEN PULSE

1. The Eco-Navigator (Smart Car)

We built the Eco-Navigator to remove the "human error" factor from driving. By following lines with sensors, the car always stays right where it's supposed to be, making it 100% crash-proof. It's our way of demonstrating how SDG 9 (Innovation) can make public transportation a safe experience for all.

2. Smart City Lighting

It doesn't make sense to light up empty streets all night long. Our city has smart lighting that remains dark until it detects the presence of someone nearby, whether it's a car or a pedestrian walking by. This reduces the waste of massive amounts of electricity, meeting the target of SDG 7 for cleaner and smarter energy.

3. The Smart Greenhouse

Farmers are the backbone of our nation, but they work tirelessly and endlessly. Our greenhouse has sensors to automate the repetitive tasks of checking soil moisture and watering plants. To make this happen, we actually 3D-printed special corner brackets to hold the whole thing together, ensuring that the entire greenhouse is sturdy and of high quality.

The Big Picture:

Ultimately, we created a city that does three things: saves lives, saves power, and looks after our farmers.