Website Project Proposal - David Canales

Project topic:
DC Electric – Electrical Service & Safety Education.

Project Description:
My individual website project will focus on DC Electric, a fictional but realistic electrical service company based in Vancouver, Washington.

The website will provide helpful information about residential and commercial electrical services, safety guidelines, and ways for customer to connect with a licensed electrician.

The site will include three main pages:
1. Home Pages (index.html)
   - Overview of the company
   - Highlighted services
   - Quick safety tips
   - Dynamic section listing electrical tools or services (fetched from a JSON files)

2. Service Page
   - Detailed description of popular service (e.g., wiring, panel upgrades, lighting, EV chargers)
   - A dynamics generated grid of electrical equipment or service packages
   - A modal dialog to show more information

3. Contact Page
   - Contact form
   - Business Information
   - A confirmation "Thanks you" form action page

Data / API Usage:
I will create a local JSON file containing at least 15 services items or electrical tools. These will be fetched using JavaScript and displayed dynamically on the site.

Reason for Choosing This Topic:
I chose this subject because electrical work is something I am personally involved with a passionate about. It is also a topic where I can create real, useful content without relying on placeholder text. I find it motivating to build a website that could realistically support small business in my field. This topic also allows me to fully

demonstrate the required JavaScript features, responsive design, and accessibility standards.