



CLINIC CONSULTANT IN ECE
ENGINEERING DESIGN & IMPACT STATEMENT

Consultant Name & Rowan ID

Client Name

Project Title

Brief Description of the Consultant Work (100 words or less)

Please answer all of the following questions. In most cases, your answers can be just a few sentences, and you can use additional space and pages as you need. Completed form must be attached / submitted with your report. **Part 1 – Engineering Design Process**

What is the engineering design process you used? Briefly describe: i) problem statement / definition; ii) technical specs / requirements; iii) timeline / tasks / deliverables; iv) alternatives that were considered, but ultimately discarded in favor of the final design; v) your final design; v) experimental setup: how did you test / evaluate / verify your solution?

What are the multiple realistic constraints in your project: Constraints are related to – but different than – design specifications (already described above). Every project must mention the applicable constraints.

What engineering standards were applicable or did you use / follow? Every report must mention the applicable engineering standards.

Part 2 – Consideration of Impact Factors

All of the following questions must be answered. If a factor does not apply, make a clear case why not.

What are the public health, safety and welfare factors considered and/or their impact in your work/project?

What are the global, social and cultural factors considered, and/or their impact in your work/project?

What are the environmental factors considered, and/or their impact in your work/project?

What are the economic factors considered, and/or their impact in your work/project?

Part 3 – Professional Practice & Growth

Ethical and professional considerations: Explain how ethical and professional issues may arise (or have arisen) in the context of global, economic, environmental, and societal factors; and how you address them or how they can be addressed.

Consultant
Signature: