Now that you have analyzed a problem, proposed and refined a solution, and developed a pitch for your idea, you will create a technical brief describing your product and the process you used to find a solution.

PART 1. Briefly describe your solution and how it solves the problem or challenge you identified.

PART 2. Describe the mathematics, science, and engineering you researched to design your product. Include links to websites or other resources you used.

PART 3. Describe the decisions you made to choose your design and the challenges you had to overcome.

PART 4. How did developing your Key Business Proposition and related Business Models affect your process?

PART 5. Your final solution probably looked different from your original idea. Describe the process for how you developed your idea from start to finish.

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PART 6. How well do you think your solution will work under real-world conditions?

Just a little	Somewhat	Fairly Well	Almost Completely

Explain your reasoning.

PART 7. Fully describe your Building Algorithms solution based on the questions below.

A. What does your algorithm do?
   - a. Include a description that will allow others to test your algorithm.
   - b. Represent your algorithm as an algebraic expression. Explain the meaning of each coefficient, term, and variable in your algorithm.

B. How does your algorithm work?
   - a. Describe the variables you used in your algorithm and how you decided on the weights for each variable.
   - b. Explain how your algorithm determines a rating or ranking.
   - c. Show how you would use your algorithm to calculate a rate or rank.
   - d. Include a spreadsheet showing the ratings or rankings for at least 10 things in the category you care about.

C. How will your company make money?
   - a. Describe the business plan you will use for this company.
   - b. Show, using calculations, that your company will make money.

D. What are the limitations of your algorithm?
   - a. Describe what your algorithm does well.
   - b. Describe what your algorithm does **not** do well.
   - c. Describe any extra information would you want to find a way to use in your algorithm.
   - d. Explain why you didn't include this information in your algorithm.

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