**PROJECT REPORT TEMPLATE**

**1. Team Information**

**Team Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Participants’ Full Name, Surname, and Patronymic**(Indicate each team member’s full name, role e.g., designer, engineer and contact information such as e-mail)**:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date (**Specify the date when the report is submitted**):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. Research and Preliminary Data**

**Problems**(Describe the main problem to be solved in the project, explain the current situation and deficiencies, and indicate the significance of the problem from an engineering perspective):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solutions
(**List possible approaches to solving the problem, highlight their advantages and disadvantages, and justify the preliminary solution to be selected)**:**

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**Research**(Present the technical and theoretical research conducted, include findings from similar projects, and show the impact of these studies on the project):

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**Sketches
(**Attach sketches of the initial ideas, describe the main structural elements of the bridge, and explain the role of sketches in the development of the project**):**

**Sketch Illustrations**

**Sketch Illustrations**

**3.** **Design Process**

**Concepts
(**Explain the main concept leading to the final design and the chosen design approach, and justify why this approach is considered more appropriate**):**

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**Selected Design
(**Provide a detailed description of the finalized design. Attach 2D and 3D drawings to this section**):**

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**Specifications
(**Present the technical specifications of the design dimensions, materials, functions, components, etc. in tabular form):

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**2D drawing**

**3D drawing**

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**Technical specifications**

**4.** **Calculations and Analyses**

**Technical Calculations**(Provide mathematical or physical calculations that confirm the functionality or structural integrity of the project):

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**Simulation**(If any simulations have been conducted, present the results in the form of graphs, diagrams, or heat maps. Explain the purpose of the simulation and the outcomes achieved):

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**5.** **Work Process**

**Photos Taken During Project Development**(Include photographs reflecting the work process, e.g., prototype assembly, testing, team collaboration):

**Photographs Taken During the Process**

**Photographs Taken During the Process**

**Division of Work**(Prepare a table or list showing how tasks were distributed among team members. Indicate each member’s responsibilities and contributions):

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| --- | --- | --- |
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**Work Distribution Table**