**Project Name**

**Executive Summary (300 Words Max):**

In this section, provide a concise overview of the challenge you've selected, the problem you aim to address, and an outline of your proposed solution. Explain why you chose this challenge and how your solution effectively meets the challenge requirements.

**Problem Definition (150 words):**

In this section, provide a clear and concise definition of the problem you've selected to address. Explain the significance of this problem and its relevance to the challenge. Use data or relevant facts to support your problem statement.

**Background & Literature Review (200 Words Max):**

This section should provide a comprehensive summary of existing solutions and research related to your chosen challenge. Enumerate, describe, summarize, and objectively evaluate previous work in this field. This review should serve to clarify the current state of knowledge on the challenge.

**Methodology:**

Outline the methodology you intend to use to solve the problem. Address the following:

* Describe the step-by-step process you'll follow.
* Explain any algorithms, tools, or technologies you plan to employ.
* Discuss how your methodology aligns with the challenge's specific requirements.

**Solution:**

Detail your proposed solution. Address the following questions:

* How does your solution tackle the challenge?
* What steps are necessary to implement it successfully?
* How does your solution align with the challenge's specific requirements?

**Value Proposition:**

This section focuses on the value your solution brings to the table. Provide a customer-centered explanation of how your solution effectively addresses the challenge. Highlight why your proposed solution surpasses alternative approaches.

**Role of Team Members:**

In this section, specify the roles and responsibilities of each team member in the solution development. Explain how each team member's skills and expertise contribute to the project's success.

**Workflow Strategy:**

Describe the workflow strategy you plan to follow during the hackathon. Address the following:

* Explain the steps involved in the workflow, from problem analysis to solution development.
* Discuss how your team will collaborate and communicate effectively.
* Highlight any milestones or checkpoints you'll aim to achieve.

**Resources:**

List all the resources, including software, hardware, data, and references, that have been utilized in your project. Make sure to include at least one scientific paper in your references.

**Write the team name and members names.**

**Team Name :**

**1-**

**2-**

**3-**

**4-**

**5-**

**6-**