OSS Project Assignment: Deliverable 1 Overview

**1. Problem Identification and Analysis**

Before starting your project, it's essential to identify and fully understand the issue you aim to address. Begin by crafting a clear and concise problem statement to guide the direction of your project.

* **Research**: Check websites like [GitHub](https://github.com) or [FreshCode Club](https://freshcode.club) to verify if a solution already exists.
* **Cross-check**: Ensure you've reviewed at least 3-5 different sources or projects to confirm your idea's uniqueness.
* **Refinement**: If you find an existing solution, explore new angles or ways to improve or rethink the concept.

**2. Project Naming and Branding**

Your project needs a memorable and relevant name that reflects its purpose and uniqueness.

* **Brainstorm**: Choose a name that is both catchy and closely related to the problem you're solving.
* **Uniqueness**: Ensure the name is easy to remember and doesn't overlap with other existing projects.

**3. Mission Statement**

Define the direction of your project through a clear mission statement. This will serve as a compass for your work.

* **Objective**: Summarize the core goal of your project in 2-4 sentences.
* **Target Audience**: Consider who will benefit from your project and why.

**4. Features and Functionalities**

Outline the specific features your project will offer, ensuring it is both comprehensive and aligned with the problem you're solving.

* **Key Features**: List the main functions or actions your project will include.
* **Differentiation**: Highlight what makes your project unique or how it stands out from similar initiatives.

**5. Development Tools and Languages**

Specify the programming language(s) and any tools or software you plan to use to develop your project.

* **Technical Stack**: Indicate the primary development language(s).
* **Tools**: Mention any specific tools, libraries, or software platforms that will be involved in the project.

**6. Team Responsibilities**

Clearly outline the roles and responsibilities of each team member. Ensure that everyone understands their part in the project's development.

**Tips for Success:**

* **Leverage Class Notes**: Refer to your class notes and materials to guide your project development and ensure alignment with course objectives.
* **Clarify Team Roles**: Clearly document the responsibilities of each team member at the end of your submission so that roles are well-defined, and everyone is aware of their contribution.
* **Format and Submit**: Ensure your assignment is well-structured, legible, and submitted as a Word or PDF file for ease of review.

**Important Reminder:**

This is just the first step in your term project journey! Future assignments will build upon the foundation set by this deliverable, so make sure to be thorough and precise in your work.

Best of luck, and remember that collaboration is key—working together can turn your vision into reality!