**Project Overview**

This is a simple Web-based Application that is built to capture and store information about all suppliers we have ever applied for anything. The app will be connecting to a Database Management System where all the information will be stored and retrievable if need be.

**Requirements**

1. Registration and login module
2. Dashboard
3. User input
4. File upload

In this project we will not be following any particular Software Development methodologies. However, for the sake of order and accountability we will be following all the stages and principles that all methodologies have in common and they are as follows

**Common Stages:**

1. **Requirement Gathering and Analysis**:
   * **Principle**: Understand what the end-users need and define clear, achievable requirements.
2. **Design**:
   * **Principle**: Create a blueprint for the solution, detailing the architecture, components, interfaces, and data.
3. **Implementation (Coding)**:
   * **Principle**: Convert the design into a functional software through coding. Adhere to coding standards and guidelines to ensure quality.
4. **Testing**:
   * **Principle**: Verify that the software meets the requirements and is free of defects. This includes unit testing, integration testing, system testing, and user acceptance testing.
5. **Deployment**:
   * **Principle**: Deliver the software to the users in a live environment. Ensure that deployment is smooth and does not disrupt existing systems.
6. **Maintenance**:
   * **Principle**: Monitor, support, and update the software as needed after deployment to fix bugs, improve performance, or adapt to changing user needs.

**Principles Across Methodologies:**

* **User-Centric Design**: Focus on the needs and experiences of the end-users.
* **Iterative Development**: Continuously improve the software through repeated cycles of development.
* **Collaboration**: Foster effective communication and teamwork among developers, stakeholders, and users.
* **Quality Assurance**: Implement rigorous testing and review processes to ensure the software is reliable and of high quality.
* **Documentation**: Maintain clear and thorough documentation for every stage to ensure transparency and ease of understanding.
* **Flexibility and Adaptability**: Be prepared to adapt to changes in requirements or technology.

Different methodologies might emphasize certain stages and principles more than others, but these are the foundational elements you’ll see across the board.