Assignment – 1 Prompt Writing

Problem Selected: Selecting Optimal tech stack for given project

Prompt: "Preparing for a new project, we need to choose a technology stack. Our options are React.js, Angular, and Node.js. These technologies must align with our project's requirements, support our scalability, and promote long-term sustainability. We need a detailed comparison of these technologies, considering factors like ease of use, community support, performance, and suitability for our use case. Additionally, we want to understand how to leverage these technologies to create a maintainable, efficient, and scalable codebase. Your guidance will help us make an informed decision for our project."

Rationale: The prompt is designed to seek guidance on choosing the right technology stack for a new project. The technologies under consideration are React.js, Angular, and Node.js. The goal is to find a stack that aligns with the project's requirements, supports scalability, and promotes long-term sustainability. The prompt asks for a detailed comparison of these technologies, considering factors like ease of use, community support, performance, and suitability for the project. It also seeks insights on how to leverage these technologies to create a maintainable, efficient, and scalable codebase. This guidance will aid in making an informed decision that aligns with the project's goals and future aspirations.