**Date and Time:** 11/08/23 at 6:00 PM  
**Place:** Zoom  
**Team Members Who Attended:** Everyone

**Purpose of the Meeting:** The primary focus of this meeting was to discuss and define the software architecture for the Arithmetic Expression Evaluator project. Our aim was to establish a clear understanding of the architectural framework, identify key software components, and outline the structural design of the project.

**Key Points Discussed:**

1. **Architecture Overview:** We explored the overall structure of the software, including the main components and their interactions.
2. **Design Principles:** Discussion on adopting design principles such as modularity, scalability, and maintainability in our architectural approach.
3. **Component Design:** Detailed talks on the design of individual components, including the parser, evaluator, and user interface.
4. **Performance and Scalability:** We examined how our architectural choices would impact the system's performance and scalability.
5. **Technological Considerations:** Consideration of the technologies and frameworks to be used in the project, focusing on compatibility and efficiency.

**Outcomes:**

* A preliminary architectural framework was established, with an emphasis on modularity and scalability.
* Agreement on the primary components of the software and their basic functionalities.
* Decision to adopt certain design principles to guide the architectural development.

**Next Steps:**

* Team members to conduct individual research on assigned components and propose detailed designs in the next meeting.
* Develop a more comprehensive architectural plan, including technology choices and design patterns.
* Schedule the next meeting to finalize the software architecture and begin detailed planning for implementation.