**Title: Hand Gesture Tracking and Application Development**
**Team Members: Dylan Dominguez and Rida Sohail**

Our project aims to implement a sophisticated hand gesture tracking system using MediaPipe and OpenCV. The minimum goal involves developing a functional hand gesture recognition system. This system will be utilized in creating a virtual calculator application, allowing users to perform mathematical operations using hand gestures. Our desired goal is to enhance the system's accuracy and usability, refining the tracking algorithm and ensuring seamless integration with the calculator application. Additionally, the moonshot for this project involves pushing the boundaries by expanding the hand tracking technology to a secondary application, demonstrating its adaptability in diverse fields, such as sign language recognition.

The core direction of our project centers on the implementation of an innovative system that can revolutionize user interfaces and applications. Hand gesture recognition holds significant potential in various domains, and our initial focus on a virtual calculator application serves as a practical demonstration of its capabilities. However, we envision a broader impact by potentially applying this technology to assist in sign language recognition or other fields, if time permits. Our team is dedicated to not only achieving the set milestones but also exploring the technology's potential beyond the immediate scope of our primary application. This project represents our commitment to technological innovation and creating tangible solutions that can benefit diverse user needs.