A Eye Intelligence: The Future of Disease Detection Through the Eyes

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The project presents a groundbreaking approach to enhance human health through the eye with the integration of artificial intelligence (AI) technology through a smartphone attachment. By leveraging the power of AI algorithms, our innovative system aims to detect and diagnose various diseases, including diabetes (diabetic retinopathy), glaucoma, and age-related macular degeneration, through retinal imaging captured by a smartphone attachment. This project addresses the universal need for accessible and cost-effective methods of detecting diseases through the eye, ensuring that individuals from all backgrounds have access to reliable screening methods regardless of their location or resources. Through rigorous testing and validation, this system demonstrates promising results in terms of accuracy, efficiency, and usability. The project represents a significant advancement in preventive care through the eyes, offering a scalable solution that has the potential to revolutionize the way diseases are detected and managed globally.

Awards Won: