MedWise: AI/ML Powered Healthcare Web Application

**Abstract—Seeking healthcare in an appropriate amount of time is often costly and time-consuming, requiring people to see doctors even for minor health issues. This becomes inconvenient, especially when it is not an emergency condition and requires a long wait. This paper presents a smart application based on Artificial Intelligence (AI) and Machine Learning (ML), called MedWise, which aims to enhance healthcare services by making them more efficient and available.  
  
The responsive AI chatbot is one of the most crucial components of MedWise, enabling users to receive health tips on request, get instructions tailored to their issues, analyze their symptoms, and better understand health and diseases. The chatbot also provides possible solutions, allowing people to address health concerns without needing to visit a physician every time.  
  
To improve the disease modeling capabilities of the web application, it is complemented with advanced machine learning techniques for disease modeling and Convolutional Neural Networks (CNNs) for medical imaging diagnosis. This integrated approach bridges self-health management with professional healthcare through the MedWise application, making it more optimal and versatile.  
  
These factors transform healthcare by making it more accessible, affordable, and faster, enabling users to manage their health and acquire relevant health advice when needed.**

***Keywords: Machine learning, Deep learning, Artificial intelligence, Healthcare system***