

(54) Title of the invention : AI - ENABLED SMART BLOOD TEST REPORT ANALYZER

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(57) Abstract :
 [050]The proposed invention is a system that presents an AI-enabled mobile application for real-time interpretation and analysis of blood test reports, addressing the challenges associated with manual interpretation by healthcare professionals. The system involves a comprehensive process, including training, testing, and validation of a machine learning model using diverse image samples. This model converts images into characters and numbers, enabling accurate interpretation and assessment of disease tendencies. Technical advantages include real-time analysis, enhanced accuracy, portability, and low computational power. Commercially, the product offers cost-effective deployment, revenue generation opportunities, branding, marketing, and scalability. The low-cost, high-precision solution empowers physicians and patients with timely and reliable diagnostic information, revolutionizing blood test result interpretation via a handheld mobile application. Accompanied Drawing [FIG. 1]

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