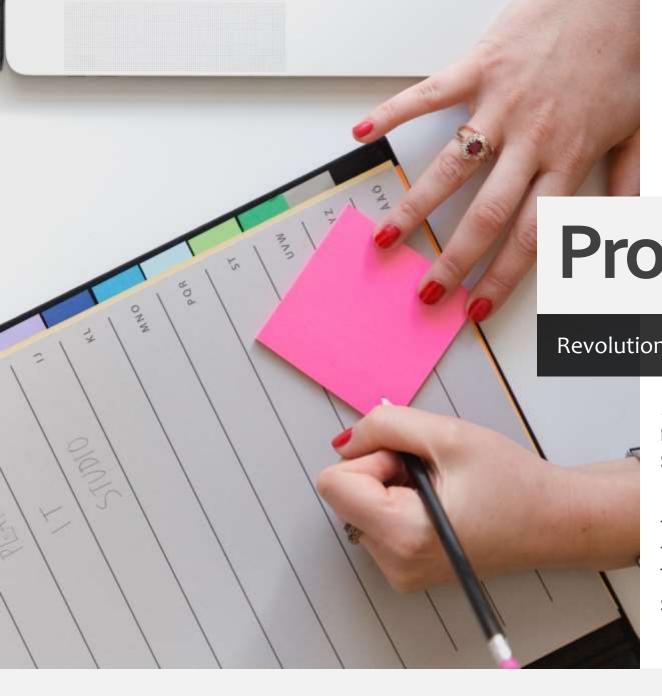


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Problem Statement

Revolutionizing Healthcare

Medical diagnosis is a complex and critical task that requires the analysis of vast amounts of patient data, symptoms, medical history, and test results.

However, the traditional diagnostic process is often time-consuming, error-prone, and heavily dependent on the subjective judgment of healthcare professionals. This can lead to delays in treatment, misdiagnosis, and suboptimal healthcare outcomes.



HARDWARE AND SOFTWARE REQUIREMENTS:

HARDWARE REQUIREMENTS:

- **>** GPU: 4-8GB
- > RAM
- > Technologies used:
 - Cloud computing
 - Machine Learning
 - Deep Learning
 - Computer Vision

SOFTWARE REQUIREMENTS:

- ➤ Programming Language:
 - Python
- > Libraries and Frameworks:
 - TensorFlow
 - Keras
 - Scikit-learn
- > Deployment tools:
 - Google Cloud Platform
- **➤** Visualization and Manipulation:
 - Tkinter
 - Flask
 - Pandas

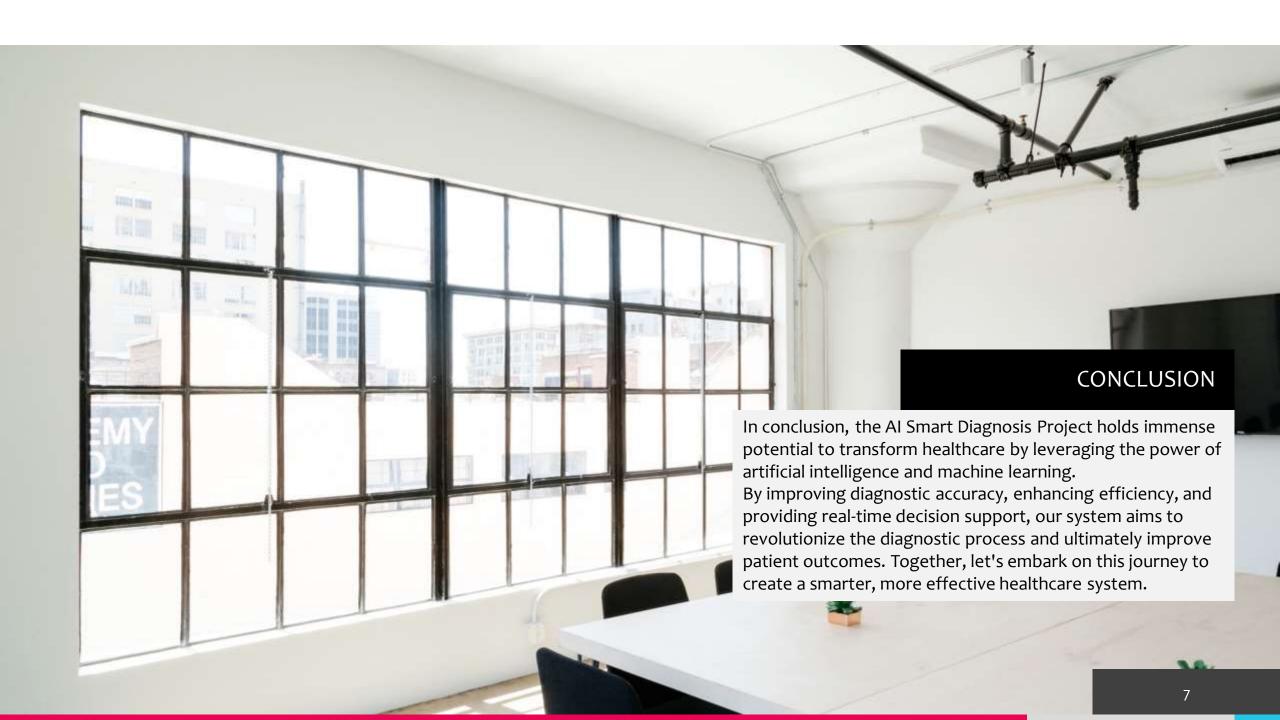
KEY FEATURES

to incorporate into the existing workflow.

Comprehensive Data Analysis: Our AI system can process and analyze large volumes of patient data, including medical records, test results, and imaging scans, to extract relevant information and identify potential diagnoses.
Machine Learning Algorithms: By training our algorithms on extensive datasets, the AI system can learn from past cases and improve its diagnostic accuracy over time. It can also adapt to new medical information and research findings.
Real-Time Decision Support: Our system provides healthcare professionals with real-time decision support, offering suggestions and insights during the diagnostic process. This helps doctors make informed decisions quickly and efficiently.
Integration with Existing Systems: The AI Smart Diagnosis Project is designed to seamlessly integrate with existing

The AI Smart Diagnosis Project is currently in the development and testing phase. Our team is working closely with healthcare professionals, researchers, and data scientists to refine the algorithms and validate the system's performance.

healthcare systems, such as electronic health records (EHR) and hospital information systems (HIS), making it easy



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