

Document Identification and Recognition System

Problem ID: PS000057

Department: Science & Technology Department

Sector: IT / ITeS

Description of the Problem

- The objective is to handle unstructured documents effectively while ensuring data privacy and meeting security standards. The proposed solution should automate the identification, classification, and recognition of various document types, including invoices, ID cards, certificates, and forms. Extracting key metadata from these documents is crucial for improving data management.

Current Challenges

- Managing a high volume of unstructured documents efficiently.
- Ensuring accurate classification and metadata extraction from diverse document types.
- Developing an AI-based system capable of achieving these goals with minimal manual intervention.

Users

- Primary users are citizens, indicating the solution's potential impact on public services.

Expected Outcomes

- An automated document identification and recognition system.
- Achieve a minimum of 90% accuracy across various document formats and layouts.

Potential Impact

- Reduced document processing time.
- Enhanced classification accuracy.
- Improved overall workflow efficiency in government or public sector operations.

Expected Benefits

- ✓ Efficient handling of unstructured documents.
- ✓ Enhanced accuracy through AI-driven recognition.
- ✓ Reduced manual effort and improved processing speed.
- ✓ Improved workflow for government and public sector operations.
- ✓ Enhanced data security, ensuring sensitive information is protected.