AIO DESK
An Inventory Management System
Milestone 1

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THE BIG IDEA

- Convenience for retail sellers in the market.
- Enhanced System with advanced technologies.
- Reverse Image Search
- Data Analytical Dashboard
MILESTONE 1
GOAL

Start

Milestone 1

Literature Review
Research & Project Proposal
Data Collection

Milestone 1

Dynamic Forms

Milestone 2

Basic Implementation of Reverse Image Search

Milestone 2

Data Analytical Dashboard

Milestone 3

Reverse Image Search

Milestone 3

Application Testing

End

Milestone 3

Final Report and Presentation
TECHSTACK

- Database – Unstructured (MongoDB)
- Frontend – Flask Web Framework
- Backend – Python
**PROGRESS**

- **Modules with Dynamic Forms**
  - Data - CRUD APIs
  - Checkout Module
  - Dynamic Forms

- **Reverse Image Search**
  - Perceptual Hash
  - DCT Implementation
  - Settings Module

- **Data Analytical Dashboard**
  - Sales Trend Analytics
  - Tuning Reverse Image Search
MY HEAD SCRATCHERS

Dynamic Forms

Docker
WHAT’s NEXT?
REVERSE IMAGE SEARCH

- Examine contents of an image
- Find perceptually similar images
RELATED WORK
REFERENCES


Thank You!

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