

# OPTIBUILD

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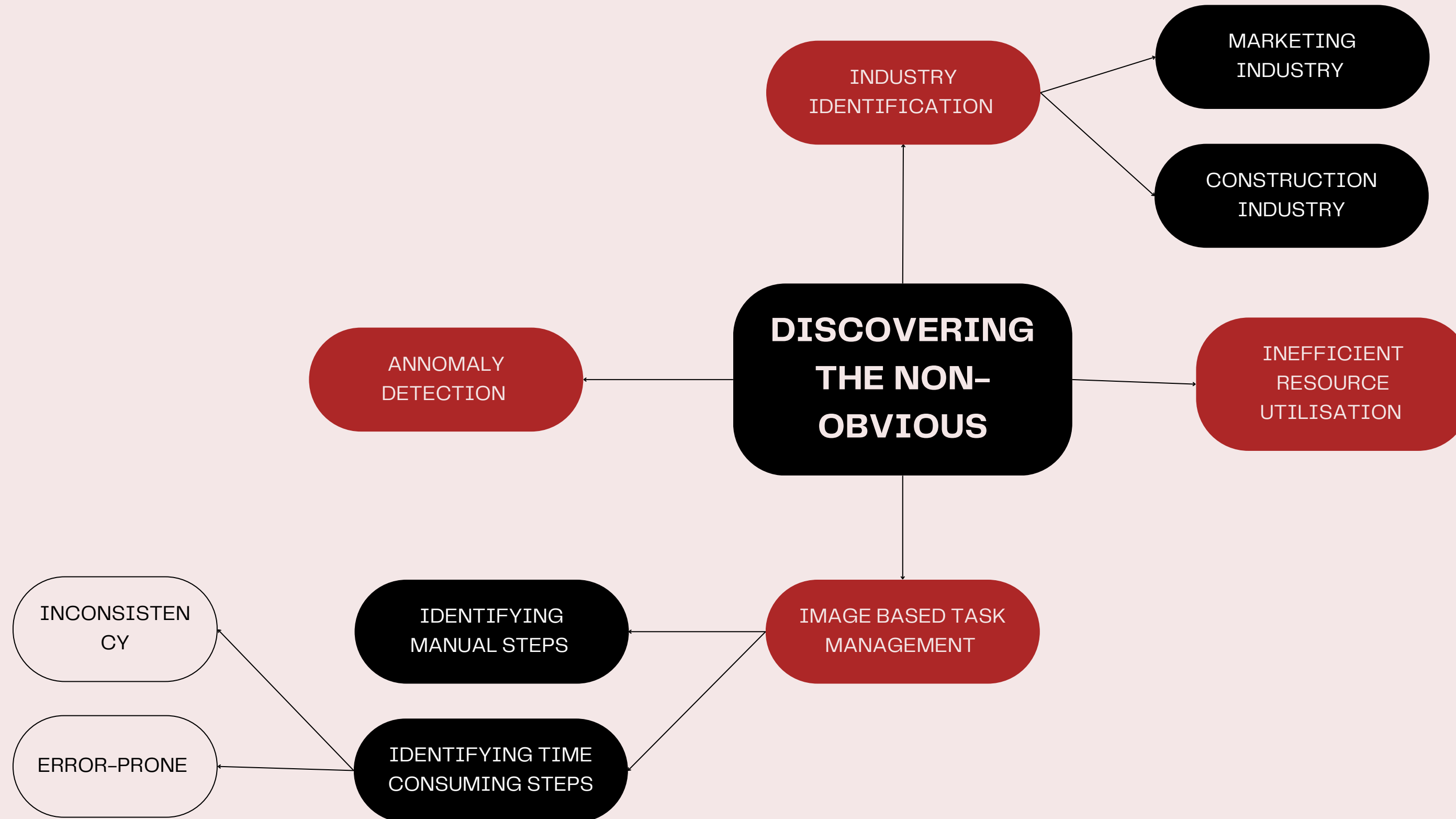
# About Us

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**AKSHAT KHARE**  
**PRIYAL KAKA**



# JOURNEY



# HUNCHES TO MUNCHES

## **Manual Image Review**

In the present scenario, images uploaded for tasks need to be manually reviewed by team members. This process is not only time-consuming but also susceptible to human errors due to fatigue or oversight, leading to missed anomalies.

## **Scale of Operations**

With the increasing scale of operations, the sheer volume of images being uploaded can be overwhelming. Manual review of these images can become unmanageable, leading to substantial delays in the project timeline.

## **Inconsistent Quality Checks**

The quality of image review can vary based on the reviewer's expertise and attention to detail. This inconsistency can lead to inaccurate status updates and potential complications in subsequent project stages.

## **Delayed Anomaly Detection**

Any anomalies or issues in the images might go unnoticed during the manual review, especially if the reviewers are burdened with a high volume of images. The later these anomalies are detected, the more they can derail the project's progress and increase the costs.

## **Inefficient Resource Utilization**

Manual image review is a low-level task that does not utilize the skills of project team members effectively. This mundane task takes away valuable time and resources that could be better utilized in strategic and problem-solving aspects of the project.

## **Project Management Hurdles**

All these challenges translate into significant hurdles in project management. They can lead to inaccurate task status updates, miscommunication, delays, increased costs, and ultimately, lowered customer satisfaction.

Your paragraph text

## **Industry Insight 1: Tanmay Arnab, Project Manager at Jaypee Group (major construction firm)**

Tanmay Arnab, a seasoned project manager at a major construction firm, shared the following insights:

- Manual image review in project tracking is time-consuming and prone to errors, especially in large-scale projects.
- Inconsistent quality checks can lead to discrepancies in task status updates and overall project progress.
- An AI Assistant for image analysis and anomaly detection could standardize and speed up the review process, reducing errors and saving time.

## **Industry Insight 2: Rajiv Sharma, Senior Architect**

Rajiv Sharma, a Senior Architect who has been in the field for over two decades, shared these insights:

- The vast amount of visual content in architecture makes manual analysis daunting and error-prone.
- Missed issues due to human error can lead to larger problems, delays, and cost overruns.
- An AI tool for image analysis and anomaly detection can help spot issues early, allowing for proactive problem-solving and ensuring projects stay on track.

### **Industry Insight 3: Manya Chugh, Head of Content Management at Good Creators Digital Marketing Agency**

Manya Chugh, who leads content management at a top digital marketing agency, had this to say:

- Manual review and categorization of image-based content can be overwhelming and monotonous, hindering creative and strategic tasks.
- The risk of errors and overlooked anomalies is higher when the team is burdened with image review tasks, potentially affecting work quality and client satisfaction.
- An AI-driven solution, like our proposed assistant for Monday.com, could automate the image review process, ensuring consistent quality checks and freeing up the team for more important tasks.

### **Industry Insight 4: Anupama Jindal, Director at Collective Media (Content Production)**

- Reviewing large volumes of visual content manually is inefficient and can lead to overlooked anomalies, which could cause reputational and financial damages.
- Implementing AI for image review could revolutionize their workflow by handling the manual review process and allowing the team to focus on content creation.
- Improved efficiency and productivity from AI assistance could lead to higher client satisfaction and a more motivated team.

# OUR SOLUTION



## **Advanced Image Analysis**

Leveraging AI models, like Convolutional Neural Networks, to automate image review and detect anomalies with high precision.

## **Seamless Integration**

Our AI assistant integrates directly with Monday.com, enabling real-time updates of task statuses based on AI analysis.

## **Smart Anomaly Tagging**

Automated anomaly tagging ensures efficient task identification and review, speeding up issue resolution.

## **Dashboard Overview**

Offers a quick snapshot of project progress and detected anomalies, aiding project managers with effective decision-making.

# OUR SOLUTION



## **User Feedback Mechanism**

Allows for continuous AI model improvement based on user feedback, enhancing accuracy over time.

## **Efficiency & Scalability**

Reduces manual labor and is designed to handle any volume of images, ensuring it's scalable to the needs of any project.

## **Adaptability**

The solution can be trained for different industries, making it versatile and useful across various domains.



# Technology



## **Asset AI**

Visual question answering: blip

## **LLM Reasoning**

For intelligent answering: Open AI Anthropic

## **Search**

Retrieval augmented AI

## **Deployment**

Google cloud

## **Dataset creation**

Stable diffusion

# Idea Maze

Most existing platforms for project management, do not offer automated image review or anomaly detection in images.



# Looking Forward: Improvements and Additions

- Continuous improvement of AI model with more data
- Potential to expand beyond image-based tasks to other types of content
- Integrating feedback mechanisms for model fine-tuning and accuracy improvement

# WHY NOW

## **Growing Image Data**

With the increasing use of digital tools, the volume of image data in industries like construction and content management is growing rapidly. This volume makes manual review impractical and necessitates automated solutions.

## **Advances in AI**

Recent advancements in AI and Machine Learning, particularly in image recognition and anomaly detection, make this the ideal time to introduce such a solution. These technologies are now mature and reliable enough to be applied to real-world tasks.

## **Increasing Complexity of Projects**

Projects are becoming more complex, requiring more precise management and coordination. An AI solution can assist in handling this complexity more effectively.

## **Competitive Advantage**

As of now, other project management tools do not offer an AI-driven image analysis feature. Introducing this feature in Monday.com would provide a significant competitive advantage.

## **Demand for Efficiency**

Businesses are continuously seeking ways to improve efficiency and productivity. Automating the task of image review and anomaly detection can help meet this demand.

**THANK YOU**

video and other stuff:

<https://drive.google.com/drive/folders/1comy9MogppqOGnQH7Kjw-TKyyrKsXOh58?usp=sharing>