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1. Overview

DivasAI is a platform built to solve a very real and critical problem: **how to efficiently analyze massive volumes of drone imagery during missions like search & rescue or disaster response.**

In such scenarios, time is crucial. However, drone operations generate thousands—even tens of thousands—of images, making it nearly impossible for small teams to process them quickly and accurately.

DivasAI addresses this by combining:

- **Artificial Intelligence (AI)** for fast initial detection
- **Human contributors** for validation and contextual understanding

This creates a **scalable, collaborative system** where large datasets are processed efficiently while maintaining high accuracy.

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Powered by People. Enhanced by AI.

DivasAI connects public contributors with drone imagery and AI tools to support real-world missions — from search & rescue to disaster zone. Whether you're organizing a project or joining one, your attention makes a difference.

[Start Helping](#)

A Community United by Purpose: Saving Lives Together

Volunteers from around the world come together to donate their time, attention, and effort to help others in crisis.

How You Can Help

- Eyes on Drone Images for Search & Rescue**
We need volunteers to review imagery from real missions and help flag potential signs of life, belongings, or notable terrain changes. Your participation helps reduce search time and guide resources more effectively.
- Contributors to Help Improve AI Accuracy**
Our AI detects patterns and objects, but it still needs human validation. We need contributors who can confirm, reject, or refine what the AI sees — so that every future mission gets smarter and faster.
- Trustworthy & Reliable Community**
We're creating a platform built on credibility and contribution. We need people who care about doing good and help maintain a respectful and effective environment.
- Start Your Own Project**
Have drone footage from your own efforts or want to help someone in need? Use the platform to launch your own project. You can get support from our tools and volunteers to help analyze images and speed up the search.

Recent Projects

2. Product Vision

The vision behind DivasAI is to build a **global intelligence network** where people and AI work together to solve real-world problems.

Instead of relying solely on experts or automated systems, the platform leverages:

- The **speed of AI**
- The **judgment of humans**
- The **scale of a global community**

Over time, contributors don't just remain users—they evolve into **trusted participants and even project creators**, making the ecosystem self-sustaining.

3. Problem Statement

Drone missions, especially in search and rescue operations, generate a massive amount of visual data. While AI can scan these images quickly, it often struggles with:

- Complex terrains
- Low visibility conditions
- Contextual interpretation

On the other hand, manual analysis by humans is:

- Time-consuming
- Resource-intensive
- Difficult to scale

Additionally, there is no widely adopted system that allows **large groups of people to collaborate effectively on such missions**.

DivasAI bridges this gap by introducing a **human-in-the-loop model**, where AI and humans complement each other instead of working in isolation.

4. User Roles

The platform is designed around three primary roles, each playing a critical part in the ecosystem.

4.1 Project Owners

Project Owners are typically individuals or organizations running real-world missions. They are responsible for:

- Uploading drone imagery
- Defining the mission context
- Managing contributors
- Reviewing and exporting findings

They rely on the platform to **accelerate analysis and derive actionable insights**.

4.2 Volunteers (Contributors)

Contributors form the backbone of the platform. They join projects and actively participate in analyzing drone imagery.

Initially, every user starts as a **basic contributor** with limited access. Their responsibilities include:

- Viewing drone images
 - Identifying objects or anomalies
 - Marking regions of interest
 - Validating AI-generated suggestions
-

Contributor Growth Journey

What makes DivasAI unique is its **progressive user evolution model**.

As contributors actively participate:

- They earn **badges and achievements**
- Their **trust score increases**
- Their contributions gain more weight

Over time, they move through different levels:

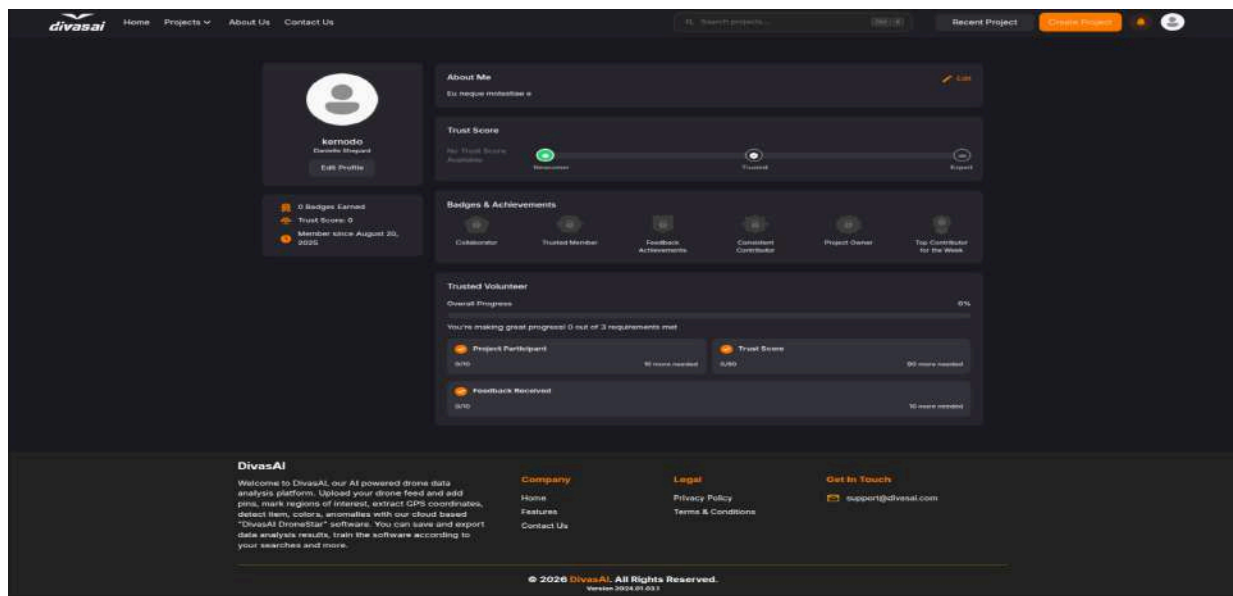
- Newcomer → Trusted Contributor → Expert

Eventually, highly active and reliable contributors become eligible to:

Create and manage their own projects

This creates a powerful loop where:

Contributors evolve into leaders, making the platform scalable and self-sustaining.



4.3 AI System

The AI component acts as an assistant rather than a replacement.

It:

- Scans images for patterns and objects
- Suggests possible findings
- Learns continuously from human feedback

This ensures that the system becomes **smarter with every interaction**.

5. Core Modules

The platform is divided into several core modules that work together seamlessly.

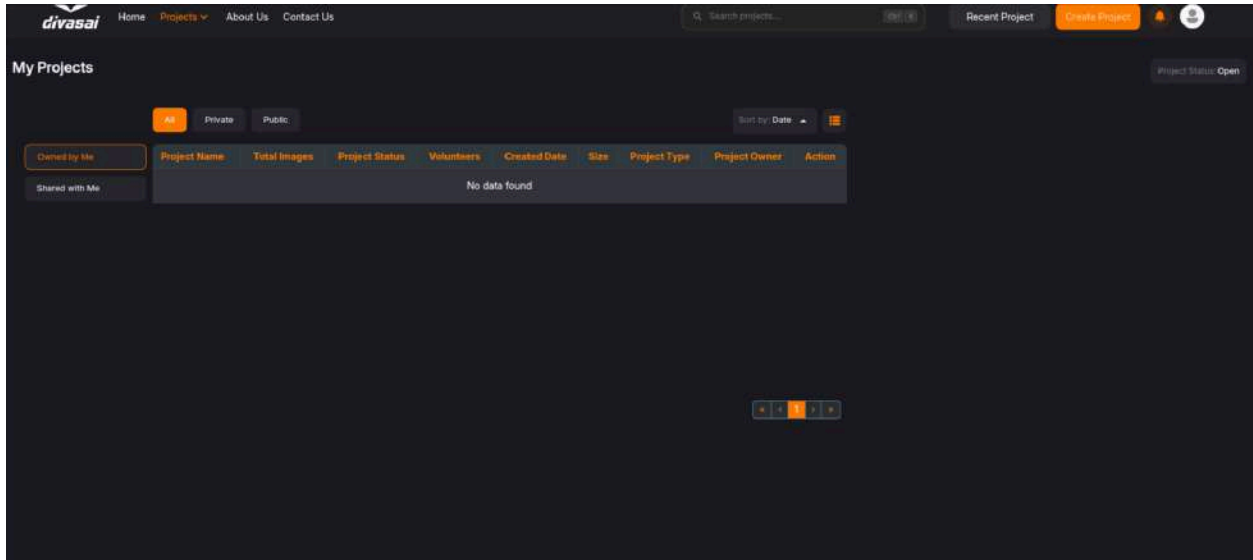
5.1 Project Management

This module allows project owners to create and manage missions.

Each project includes:

- A detailed description of the case
- Background information (e.g., missing person details)
- Location and reference links
- Access controls (open or restricted)

This context helps contributors understand **what they are looking for**, improving accuracy.



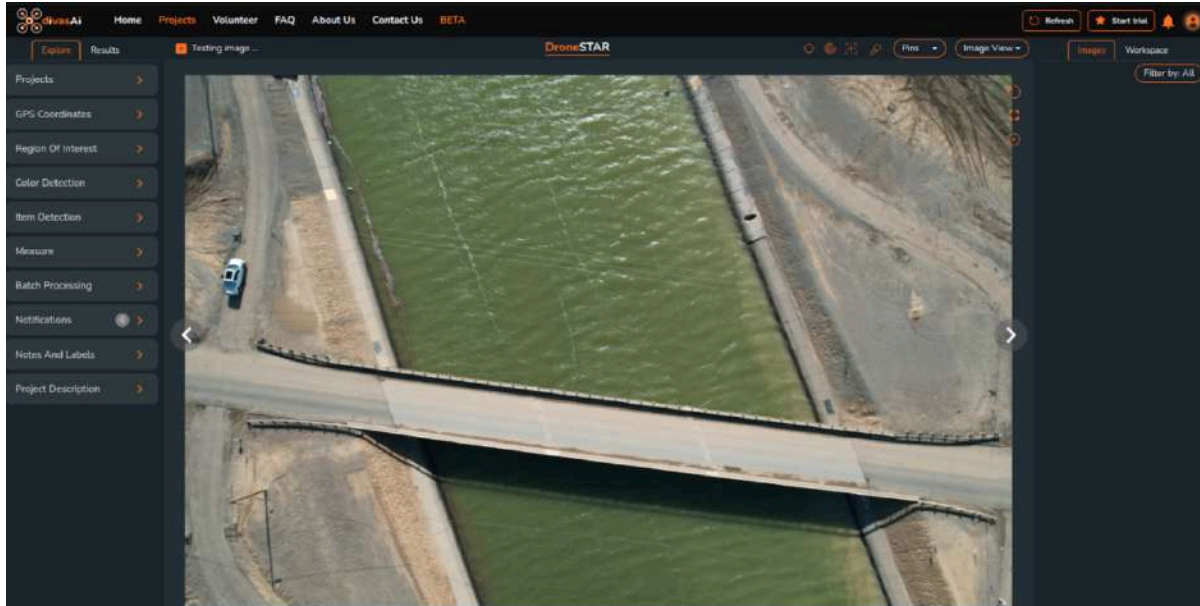
5.2 Drone Imagery Analysis

Once a project is created, contributors can access drone images through a dedicated interface.

They can:

- Browse high-resolution images
- Navigate across terrain
- Focus on specific regions

This is the **primary execution layer** of the platform.



5.3 Annotation & Validation System

This is where actual work happens.

Contributors interact with images by:

- Placing pins on suspicious areas
- Marking regions of interest
- Adding notes and observations
- Validating or rejecting AI suggestions

This structured approach ensures that data collected is:

- Organized
 - Actionable
 - Easy to process
-

5.4 AI-Assisted Detection

The AI engine supports contributors by:

- Detecting objects (e.g., vehicles, items)
- Matching colors
- Providing GPS-based insights

Future capabilities aim to include:

- Thermal image analysis
 - Anomaly detection
 - Scene simplification
-

5.5 Data Processing & Insights

As multiple contributors work on the same dataset, the system aggregates their inputs.

It:

- Identifies high-confidence findings
- Filters noise
- Prioritizes important signals

This transforms raw annotations into **meaningful insights**.

5.6 Reporting & Export

Once sufficient data is collected, project owners can:

- Generate reports
- Export findings
- Use GPS coordinates for field operations

This ensures that all efforts lead to **real-world actionable outcomes**.

6. Workflow

The workflow of DivasAI is designed to be simple yet powerful:

1. A project is created and drone images are uploaded
2. AI processes the data and suggests initial findings
3. Contributors join and start analyzing images
4. Annotations and validations are collected
5. Data is aggregated and refined
6. Insights are generated and exported

This pipeline ensures **speed, scalability, and accuracy**.

7. Human-in-the-Loop System

At the heart of DivasAI lies the **human-in-the-loop approach**.

AI handles:

- Speed
- Scale
- Initial detection

Humans handle:

- Context
- Judgment
- Validation

The continuous feedback loop:

AI → Human Validation → Learning → Improvement

ensures that the system becomes more accurate over time.

8. Community & Collaboration

DivasAI is not just a tool—it is a **community-driven platform**.

8.1 Project Workspace (Execution Hub)

Each project acts as a live collaboration space where contributors can:

- View mission details
- Track real-time progress
- Analyze images
- Participate in discussions

The screenshot shows the DivasAI Project Workspace for a project named "Trevor Bazil". The interface includes a navigation bar with "Home", "Projects", "About Us", and "Contact Us". A search bar and "Recent Project" button are also visible. The project page features a profile picture of Trevor Bazil, a description of the mission, and a "Project Summary" tab. Key statistics are displayed in a grid:

139,448 Images	Open Status	0 Invites	1,456 Volunteers	77 Comments
59,798 Total ROI	25 Measurements	1,930 Pins	198 Bookmarked Images	

Project Progress: 114,345 of 139,448 images (81% complete). Findings Logged: 62,140. Est. Flight Time: 2586 days left.

Top Contributors table:

Rank	Username	Images Viewed	Annotations	Notes	Score	Streak	Badges
1	tschwartz	19,240	13,378	+1	30,227.0	1	🏆 🌟 🌟 🌟
9	edlyn	9,851	3,649	0	8,708.0	7	🌟 🌟 🌟 🌟 🌟
10	torcoftam	7,980	2,300	0	8,611.0	26	🌟 🌟

Footer information includes "DivasAI" description, "Company" links (Home, Features, Contact Us), "Legal" links (Privacy Policy, Terms & Conditions), and "Get In Touch" (support@divasai.com). Copyright © 2026 DivasAI. All Rights Reserved. Version: 2024.01.08.1

8.2 Real-Time Metrics

The platform provides visibility into:

- Total images and progress
- Number of contributors
- Findings logged
- Completion percentage

This transparency keeps contributors aligned and motivated.

8.3 Leaderboard & Gamification

To encourage participation, the platform includes:

- Leaderboards (daily, weekly, all-time)
- Contribution scores
- Activity streaks

This introduces a sense of:

- Competition
 - Recognition
 - Achievement
-

8.4 Collaboration Tools

Contributors can:

- Comment on findings
- Share context
- Discuss observations

This enhances collective intelligence and improves accuracy.

9. Key Features

DivasAI stands out due to its combination of:

- AI + human collaboration
 - Trust-based contributor system
 - Gamification and engagement
 - Real-time analytics
 - Scalable data processing
 - Structured annotation workflows
 - Actionable reporting
-

10. Technical Considerations

From a technical perspective, the platform is designed to handle:

- Large-scale image storage and processing
 - AI/ML model integration
 - Real-time collaboration
 - Geo-spatial data (GPS mapping)
 - Scalable cloud infrastructure
-

12. Key Takeaways

DivasAI demonstrates that:

- Human + AI collaboration is more powerful than either alone
- Crowd intelligence can scale complex tasks
- Trust-based systems improve data reliability

- Gamification drives user engagement
-

13. Conclusion

DivasAI is more than just a drone imagery platform—it is a **collaborative intelligence system** designed to solve real-world problems.

By combining:

- AI capabilities
- Human judgment
- Community participation

It transforms raw data into **actionable insights**, ultimately contributing to faster decision-making and potentially saving lives.