



Dissolve



P R E S E N T A T I O N

Dissolve : Infectious and Pandemic Disease Project





Highlight the Problem & Solution

Core Problem:

- **Reporting Case Disease:** Health professionals face challenges in efficiently reporting and tracking cases of disease.
- **Reduce Time for Diagnosis:** Diagnosing diseases can be time-consuming and prone to human error.
- **Disease Distribution & Control:** Mapping the spread of diseases is difficult and often lacks **real-time data**.
- **Supporting Patient Decisions:** Patients need better tools to make informed health decisions.



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Solution:

- Our product addresses these issues by using AI-powered image analysis to:
 - Accelerate disease reporting.
 - Shorten the time it takes to diagnose diseases.
 - Analyze disease distribution and enable better control.
 - Provide personalized healthcare guidance for patients to make informed decisions.





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Details

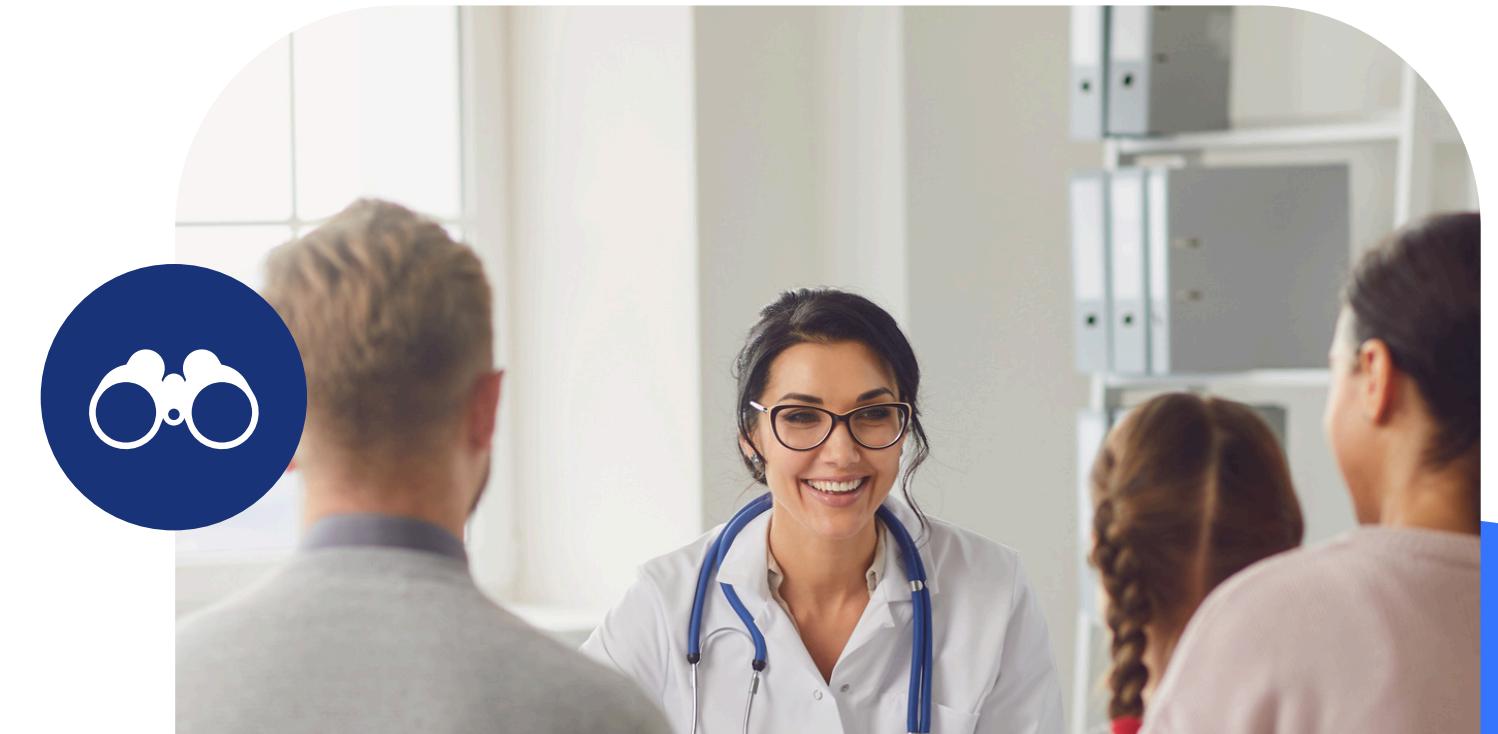


➤ How It Works:

- AI with computer vision mimics doctors' methods to detect symptoms.
- Small language models analyze data for diagnosis.

➤ Technologies:

- AI for detection and classification.
- Computer vision for image analysis.
- Small language models for medical data processing.





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Showcase User Interaction



Demo :
[https://github.com/akbarpublik34/Disease-identify-and-mapping.](https://github.com/akbarpublik34/Disease-identify-and-mapping)

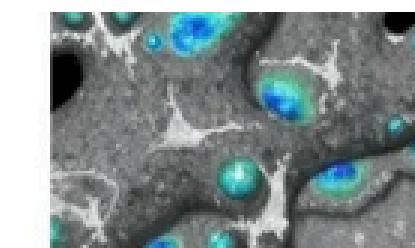
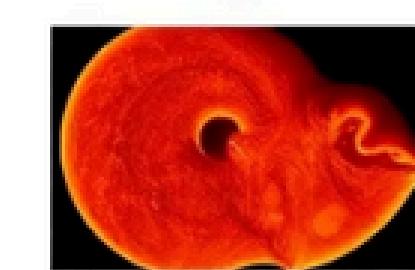
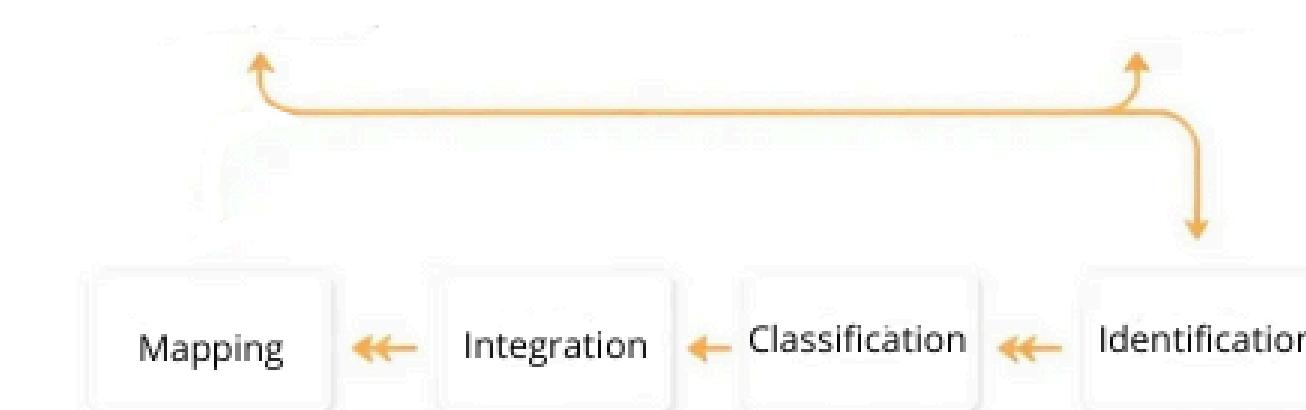
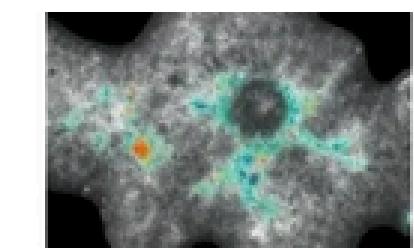
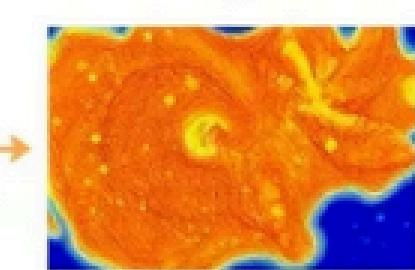


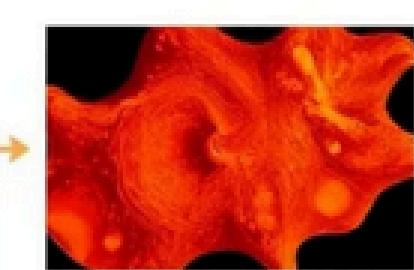
Image Collection &
Preprocessing



Prediction



Timely Interventions



Continuous Monitoring





Market Scope



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TAM

Public health
departments, local
healthcare
providers.

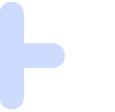
SAM

Doctors and
patients needing
faster, AI-driven
support.





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Revenue Streams

• • •

- Doctors save time, patients get real-time guidance.
- Revenue from data reporting and operational profits.





Dissolve

Competitor Analysis

- + Weaknesses: Early-stage prototype relying on external resources.
- + USP: Faster diagnosis, personalized healthcare, and scalability to other fields.





Future Prospects

- Train AI models for continuous improvement.
- Expand to other diseases and global healthcare.

Key Focus Areas

- Speed up diagnosis, build multiple AI models, and ensure profitability.

