



TECH DRIVEN BASIC

Envisioning Your Life

Company
Profile

ABOUT US



Tech Driven Basic (TDB) is a computer vision company with a vision of providing AI softwares in various domains such as Medical, Real estate, Government, Retails, Construction. We provide our clients with various camera enabling tools as an autonomous tool, life saviour tool, decision making software, Edge surveillance, IOT.

OUR MISSION



With having a strong vision and experience, Tech Driven Basic Provides solutions for the real time problems using computer vision techniques and artificial intelligence which reduces the need of manual monitoring.

OUR VISION



Our vision is to provide
affordable AI and reduce
human-level monitoring.

WHAT SETS US APART?



What makes a building product great? The easy answer is the consistency with which it produces books of value over a lengthy period of time.



Consistency



What is important is the reliability of my work being there to greet my clients with a smile or a giggle every morning. That's how we keep on growing.



Reliability

A customer talking about their experience with you is worth ten times that which you write or say about yourself.



Satisfaction

HOW DO WE DO IT?

IDEA

Innovation is the key, but it always starts with an idea



DEVELOPMENT

When we have the Idea, we try to make it happen

DEPLOYMENT

Once the idea is build, next step is to launch

SOLUTIONS



Healthcare

Construction

Retail

Automobile

Smart City

PRODUCTS



UPAI (Facial Recognition)

DDDS (Driver Drowsiness Detection System)

FDS (Fire Detection System)

FADS (Fall Detection System)

TDS (Temperature Detection System)

Dr.AI (Doctor AI)

HealthCare

Challenges Faced by the Healthcare

Theft Alert

Violence, robberies, burglaries, blackmail and theft. It is also a subject where smart solutions are often mistakenly seen as a solution.

Health Checking

Regular health checks can identify any early signs of health issues.

Patient Monitoring

Patient monitoring is essential compliance in every hospitals

How Can TDB.ai Help?

Safety Compliance

- Safety Guard Detection
- Camera Tempering
- Mask and Glove Detection

Patient Monitoring

- Heart Rate Variation
- Breathing Rate Variation
- Temperature Checking

Security Compliance

- Intruder Detection
- Loitering Detection
- Unattended Object Detection

Workplace SOP

- Facial Attendance System
- Fire and Smoke Detection

Hospital Management

- Analytics on Day to Day data
- Staff Management System

Unusual Prevention

- Fall Detection
- Face Mask Detection
- Gender Recognition

Construction



Challenges Faced by the Construction

Accidental Occurrence

Prevent people accidentally moving into areas where there are chances of occurring accidents is very high.

Workplace Dis-Management

Workplace managements is necessary for all areas in construction industry and most of the problem occurs because of workplace dismanagement.

Workers Dis-Management

Workers dismanagement is the issue caused due to inappropriate monitoring of workers at workplace.



How Can TDB.ai Help?

Safety Compliance

- Safety Guard Detection
- Camera Tempering
- Mask and Glove Detection

Worker Monitoring

- Day to Day activity checking
- Analytics of work performed
- Fall and unusual activity Detection

Security Compliance

- Intruder Detection
- Loitering Detection
- Unattended Object Detection

Workplace SOP

- Facial Attendance System
- Fire and Smoke Detection

Product Management

- Analytics on Day to Day data
- Supply products check and validating

Supply Threat Prevention

- Counting Supply tools
- Regular Quality Check
- Anamoly Detection for Products

Retail

Challenges Faced by the Retail

Store Supervision

Problems faced in most of the retail sector to monitor the workflow of the process regularly.

Workplace Dis-Management

Workplace managements is necessary for all areas in Retail industry and most of the problem occurs because of workplace dismanagement.

Problems in mannual monitoring

Most of the issues in the retail industry occur due to insufficient process flow of human monitoring.

How Can TDB.ai Help?

Product Supervision

- Tracking availability of product cart
- Hour to Hour Analytics Report
- Product availability insights

Worker Monitoring

- Day to Day activity checking
- Analytics of work performed
- Temperature Checking
- Fall and unusual activity Detection

Security Compliance

- Intruder Detection
- Loitering Detection
- Unattended Object Detection

Workplace SOP

- Facial Attendance System
- Fire and Smoke Detection

Store Management

- Analytics on Day to Day data
- Analytics of Staff Availability
- Staff tools Detection

Supply Threat Prevention

- Counting Supply tools
- Regular Quality Check
- Anomaly Detection for Products

Automobile

Challenges Faced by the Automobile

Vehicle Collision

Lane departure crashes, which occur when a driver leaves the lane they are in and collide with another vehicle.

Driver irresponsibility

Most of the car accident occurs due to the irresponsibility of the driver while driving and it can cause to the death of several innocent people.

Patient Inefficiency in Vehicle Manufacturing Monitoring

In most of the car manufacturing factories, during cross-validation by human defects in manufacturing pops up which leads to degrading the trust by the customers.

How Can TDB.ai Help?

Safety Compliance

- Driver's Equipment Detection
- Safety Guard Detection
- Seat Belt Detection

Driver Monitoring

- Driver Drowsiness Detection System
- Mobile phone Detection
- Cigarette smoking detection

Manufacturing Compliance

- Vehicle Dent Detection
- Parts Mis-Management Detection

Workplace SOP

- Facial Attendance System
- Fire and Smoke Detection

Product Management

- Analytics on Manufacturing data
- Analytics of the status checked

Supply Threat Prevention

- Counting Supply tools
- Regular Quality Check
- Anamoly Detection for Products

Smart City

Challenges Faced in Cities

Theft Rate

violence, robberies, burglaries, blackmail, and theft. It is also a subject where smart solutions are often mistakenly seen as a solution.

Vehicle Collision

Lane departure crashes, which occur when a driver leaves the lane they are in and collide with another vehicle.

Violation Rate

Violate rate has been increasing in urban cities, that made theft to use of manual monitoring.

How Can TDB.ai Help?

Safety Compliance

- Safety Guard Detection
- Camera Tempering
- Unattended Object Detection

Intruder Alert

- Loitering Detection
- Intrusion Detection
- Road Violation

Productivity

- Machine Level Monitoring
- Car Brand Recognition
- Traffic Management System

Workplace SOP

- Automatic Licence Plate Recognition(ALPR)
- Fire and Smoke Detection

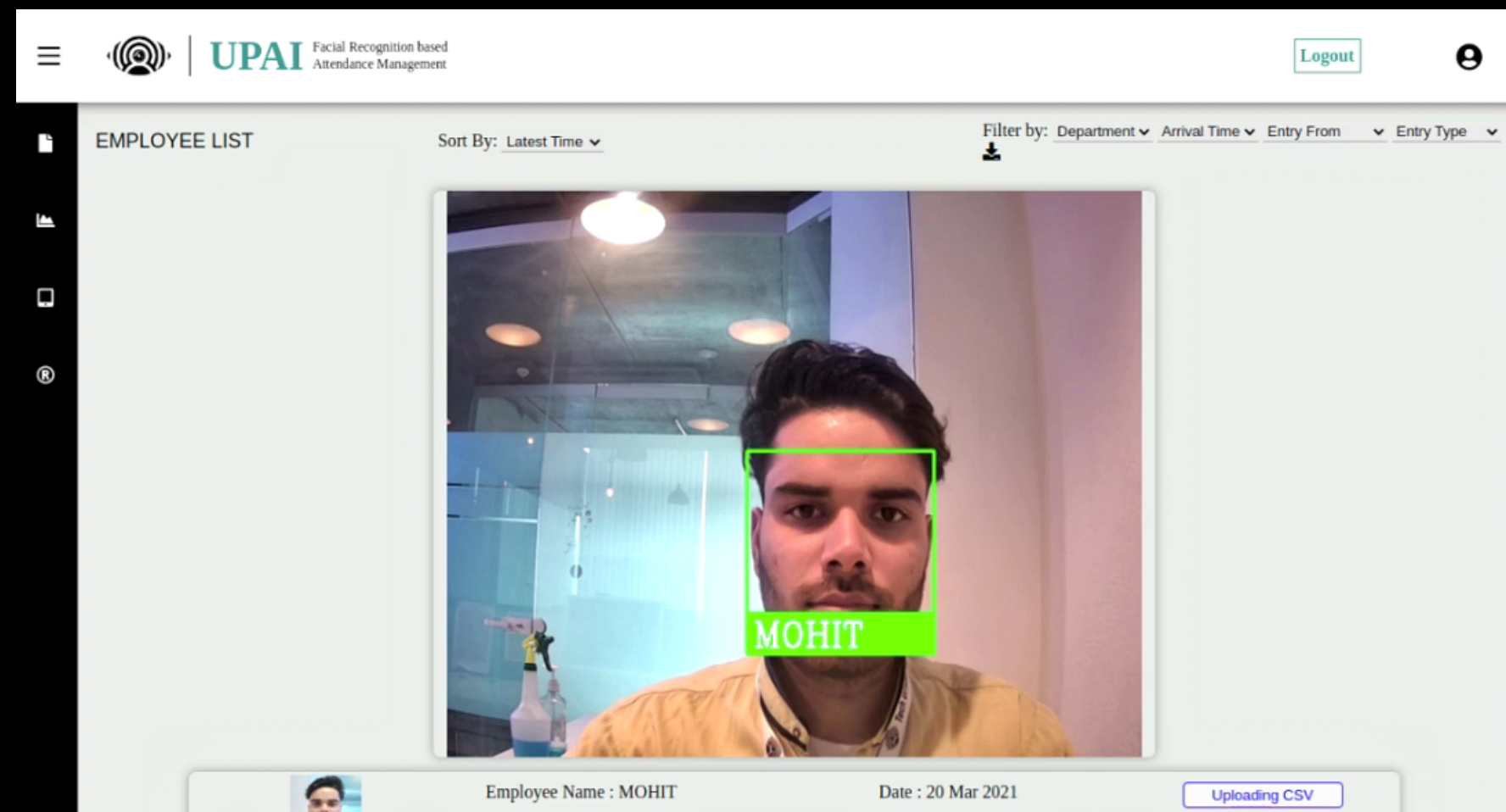
City Management

- Quarrel Detection
- Unattended Object Detection
- Red Light Crossing

Unusual Prevention

- Fall Detection
- Face Mask Detection
- Gender Recognition

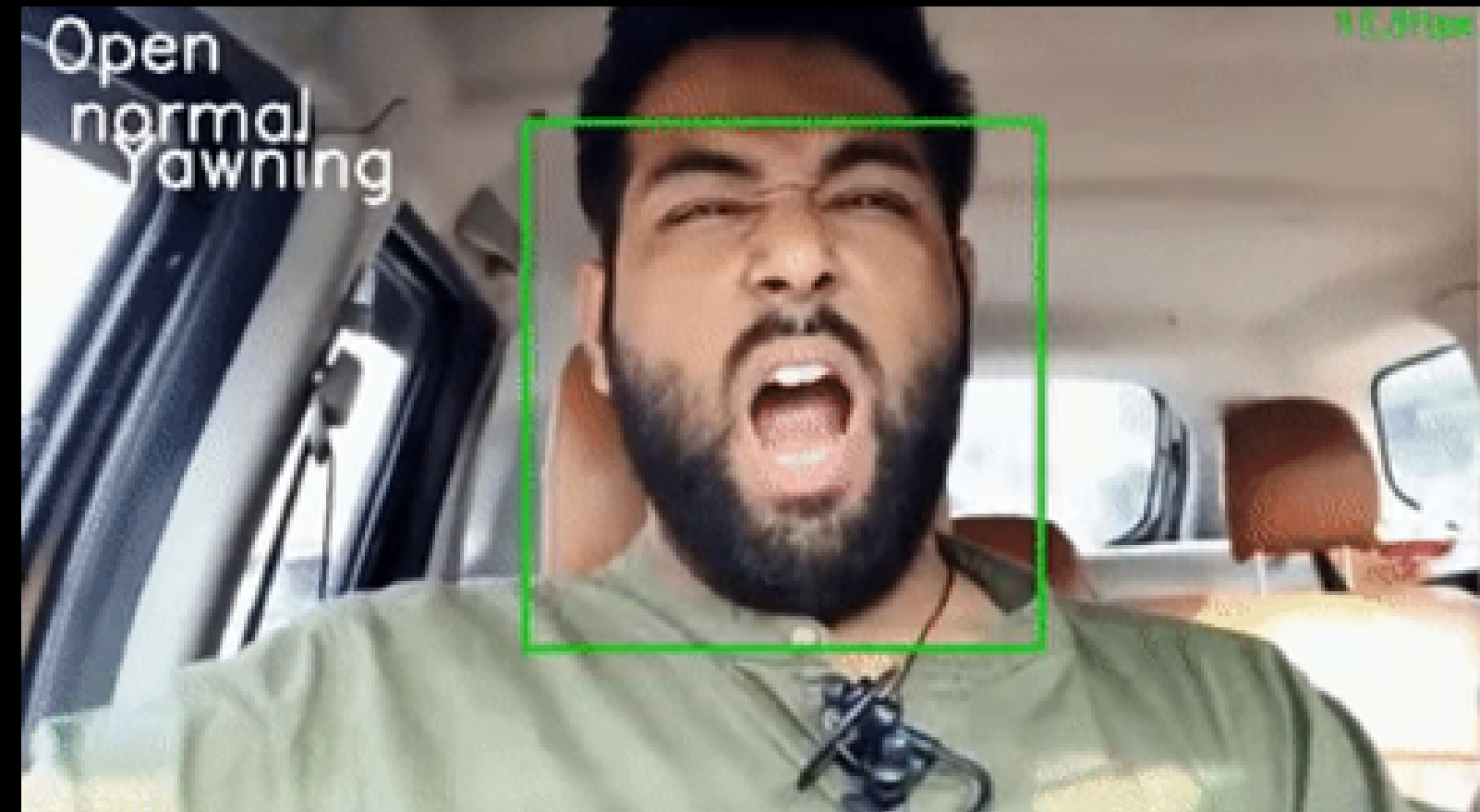
UPAI (Facial Recognition)



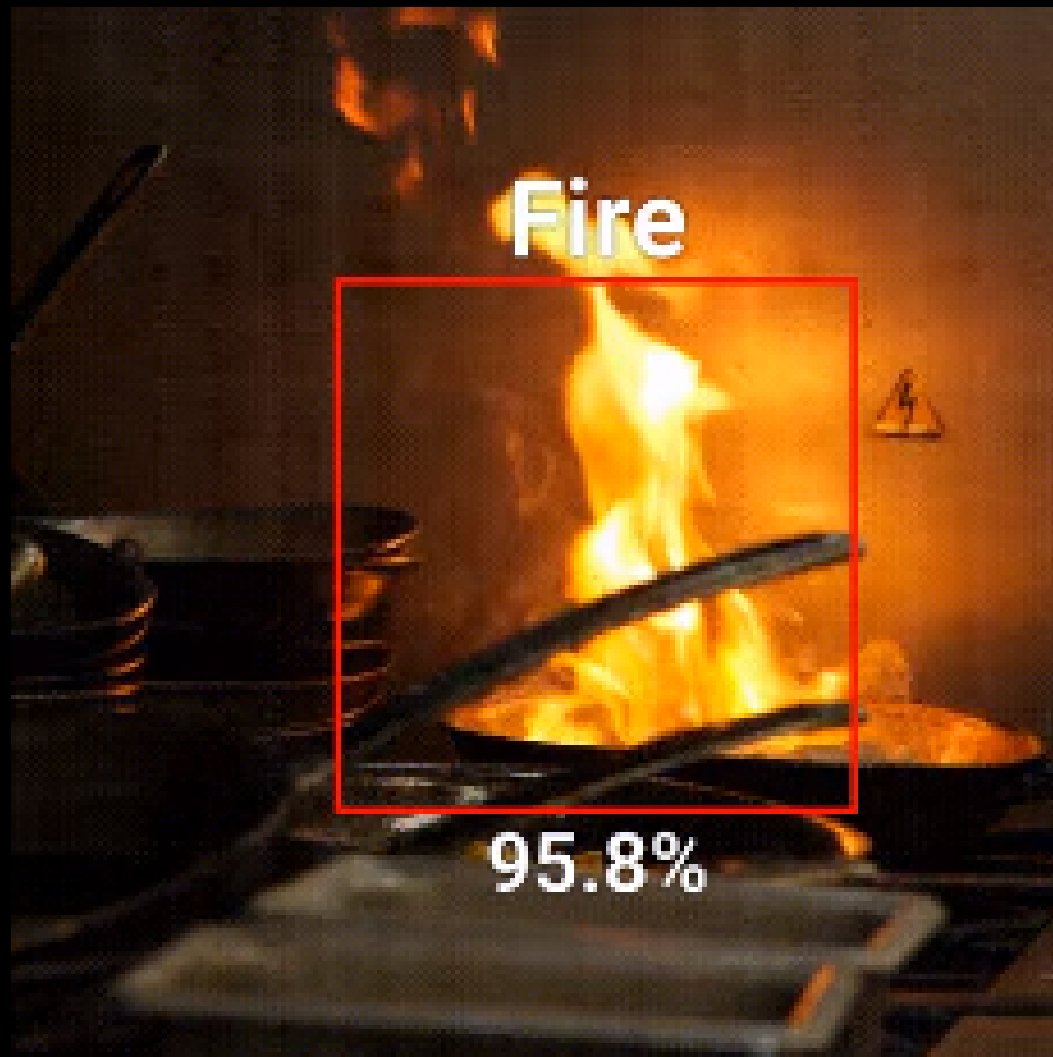
TDB's UPAI a facial based recognition system which can be integrated with multiple streams has been designed to be accurate with nearly of 98% with some special features included in UPAI.

DDDS (Driver Drowsiness Detection System)

TDB's video intelligence DDDS based on artificial intelligence platform focuses primarily safety of driver and passengers through fatigue, mobile, yawning detection.



FDS (Fire Detection System)



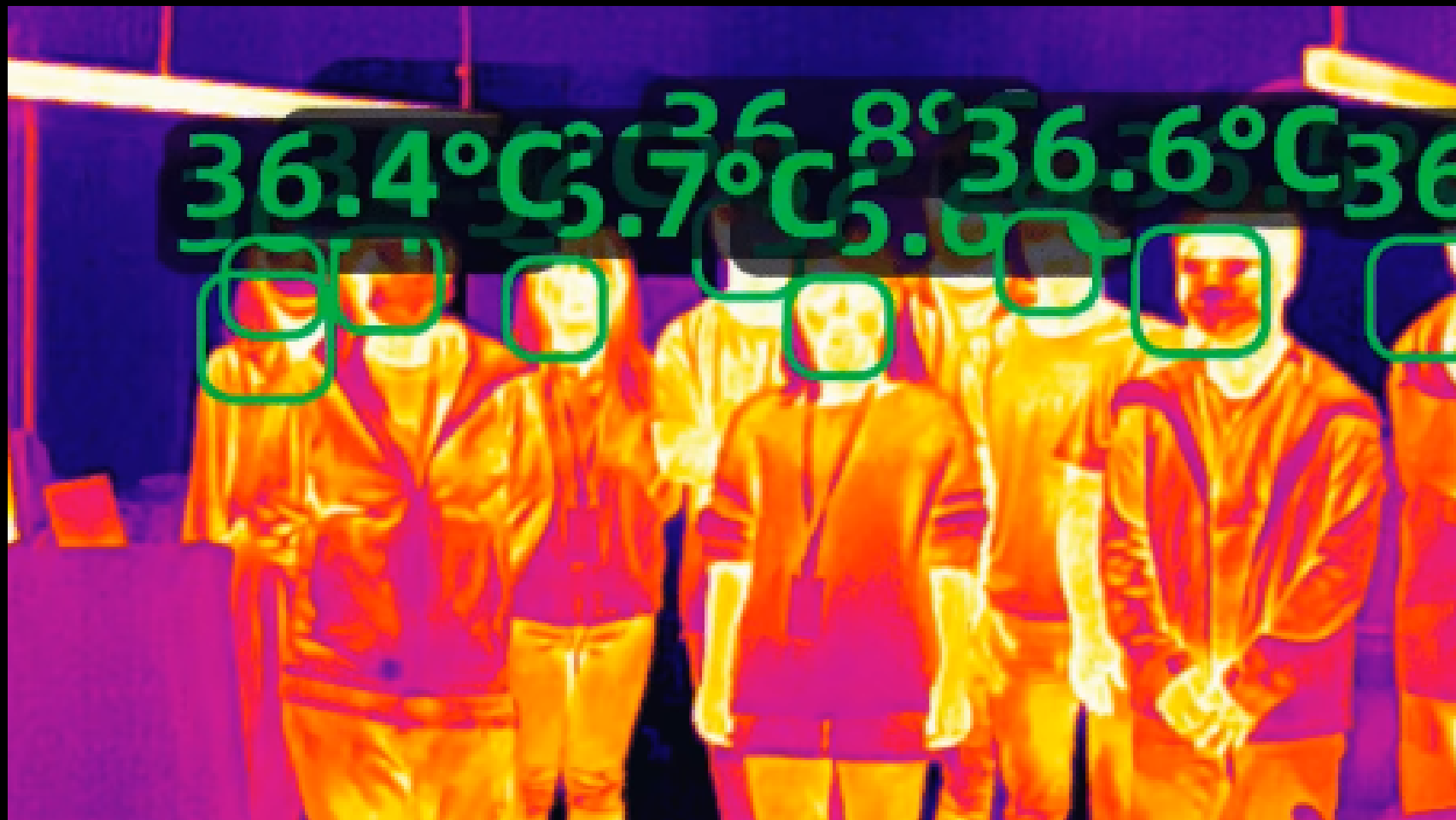
TDB's video analytics fire detection system FDS is an intelligent video surveillance solution for any IP or edge camera which triggers alarm if fire or smoke has boost up, focuses primarily on keeping the premises fire free.

FADS (Fall Detection System)

TDB's video analytics based on artificial intelligence FADS is a solution primarily for hospital management system which creates an alarm if patient fall down.

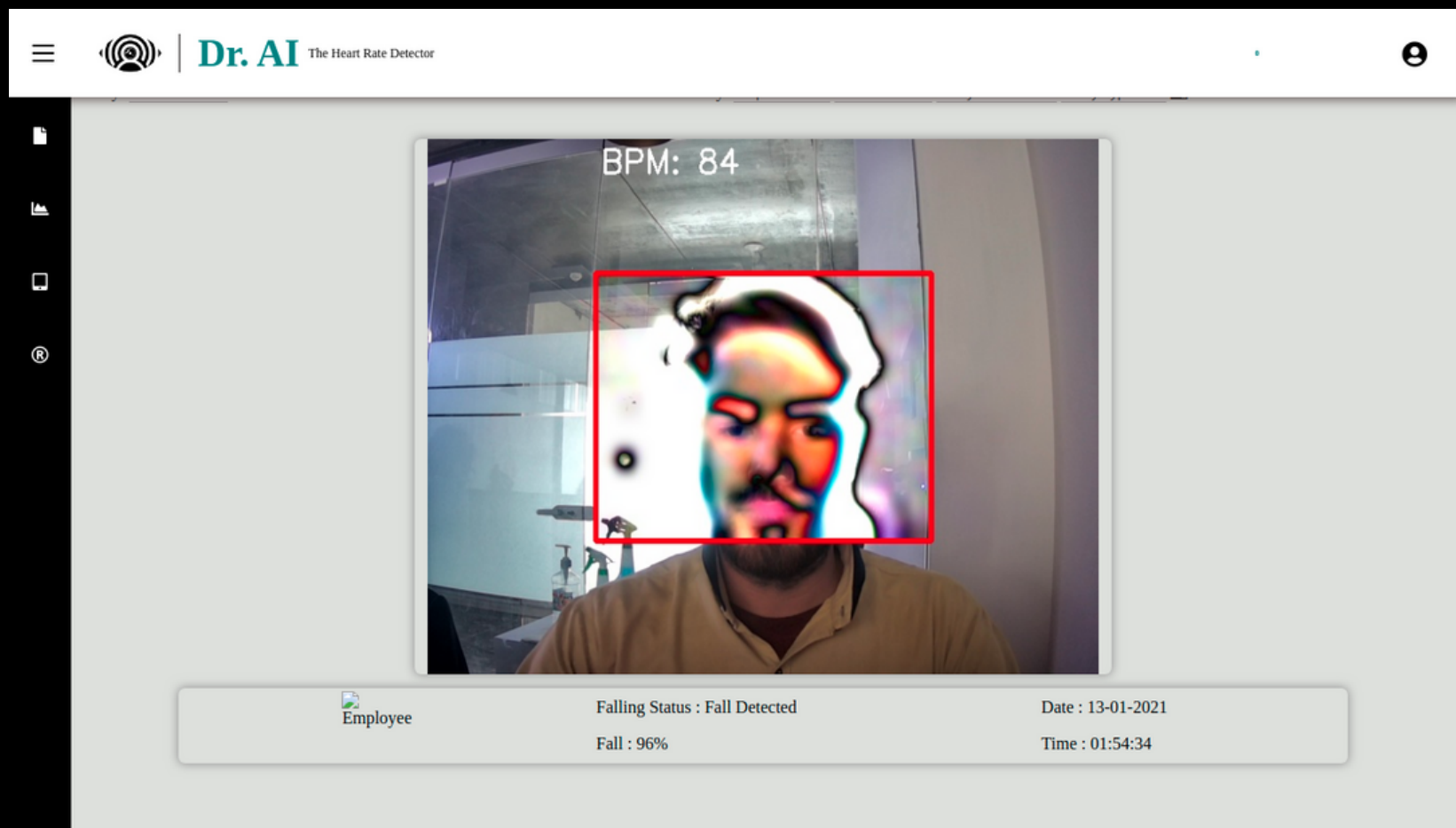


TDS (Temperature Detection System)



TDB's temperature detection system TDS is a video analytics solution provides the accurate measurement of temperature at real time.

Dr.AI (Doctor AI)



TDB's Dr.AI system is a video analytics solution provides the accurate measurement of heart rate through face at real time.

Our Directors



Deepanshu Bhinda
MD & Founder



Prachi Bhinda
CEO & Co-Founder



TECH DRIVEN BASIC

Envisioning Your Life

CONTACT US

Indore headquarter
info@tdb.ai

615, Apollo Premier, Vijay Nagar Sqaure,
Indore, Madhya pradesh, India, 452001
+91-7313510004

Saudi Arabia Office
info@tdb.ai

Riyadh, SaudiArabia
+966 53456 4040

To know more- <https://www.tdb.ai/>



**THANK
YOU**

