

# Atten Ai



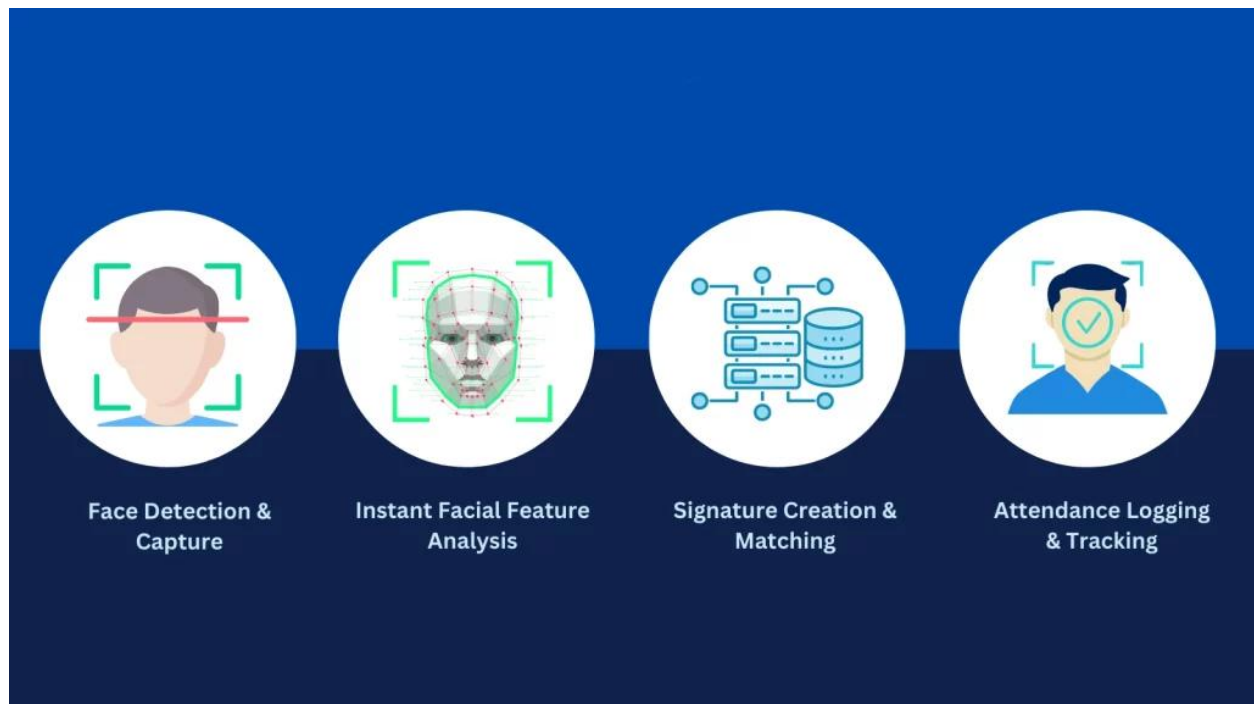
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## Introduction

AttenAi is an innovative attendance and time-tracking solution designed to simplify and elevate the way organizations manage attendance. By harnessing the power of computer vision and AI-driven face recognition, AttenAi eliminates the need for outdated manual methods, offering an accurate, efficient, and automated process. Beyond just recording attendance, the platform tracks punctuality, identifies latecomers, and rewards timeliness, fostering accountability and a culture of responsibility. Whether for educational institutions, corporate offices, or events, AttenAi transforms attendance management into a seamless and insightful experience.



*Figure 1 face recognition*

## Mission

To revolutionize attendance management by delivering precise, efficient, and user-friendly solutions that empower organizations to foster accountability, enhance operational efficiency, and promote a culture of punctuality.

## Vision

To be the best in class in AI-powered attendance solutions, enabling organizations to embrace automation, build trust, and inspire responsibility while setting new standards for innovation and excellence.

## Lean Canvas



Figure 2 Lean Canvas

## External and Internal Environment Analysis

### External Environment

- **Market Opportunities:**
  - Increasing demand for automated attendance solutions in corporate, educational, and healthcare sectors.
  - Rising adoption of AI and computer vision technologies worldwide.
- **Threats:**
  - High competition in the face recognition market.
  - Privacy concerns and strict data protection regulations.

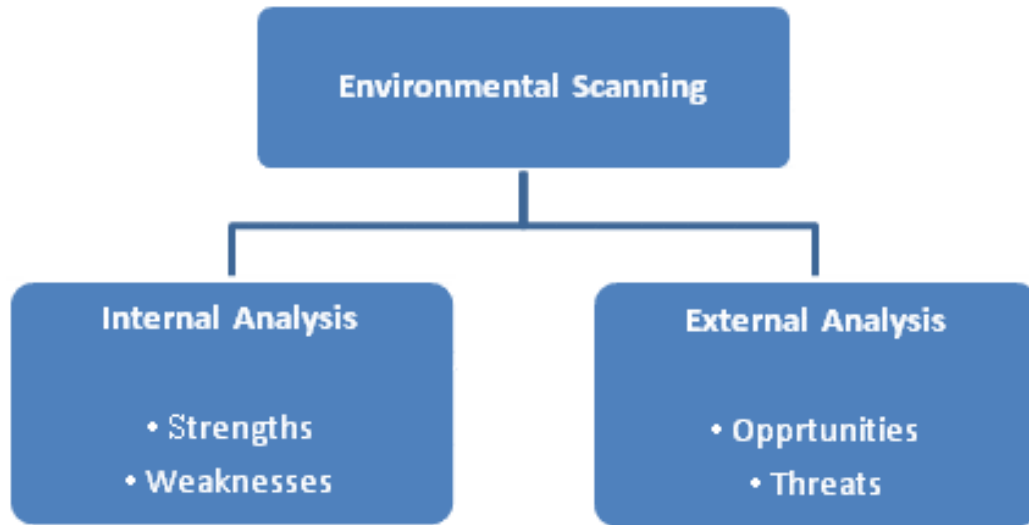
### Internal Environment

- **Strengths:**
  - Robust AI algorithms ensuring high accuracy and reliability.
  - Scalable cloud-based infrastructure using Firebase.
- **Weaknesses:**
  - Initial setup cost may be a barrier for smaller organizations.

### Critical Risk Factors

- Data security and user privacy concerns.
- Resistance to adopting new technology in traditional industries.

- Dependence on consistent hardware and software performance.



*Figure 3 Analysis Framework*

## Revenue Model

- **Subscription Plans:**
  - **Basic Plan:** NPR 500/month for up to 20 users.
  - **Standard Plan:** NPR 1,000/month for up to 50 users.
  - **Premium Plan:** NPR 5,000/month for unlimited users.
- **Additional Revenue Streams:**
  - Custom feature integration for large organizations.
  - Data analytics and reporting services as add-ons.

## Financial Plan

- **Sources of Funds:**

- Initial capital investment by stakeholders.
- Potential grants or funding from technology innovation programs.

- **Uses of Funds:**

- Development costs (AI models, database setup, UI design): 40%
- Marketing and customer acquisition: 30%
- Operational expenses (cloud services, staff): 20%
- Contingency and future R&D: 10%

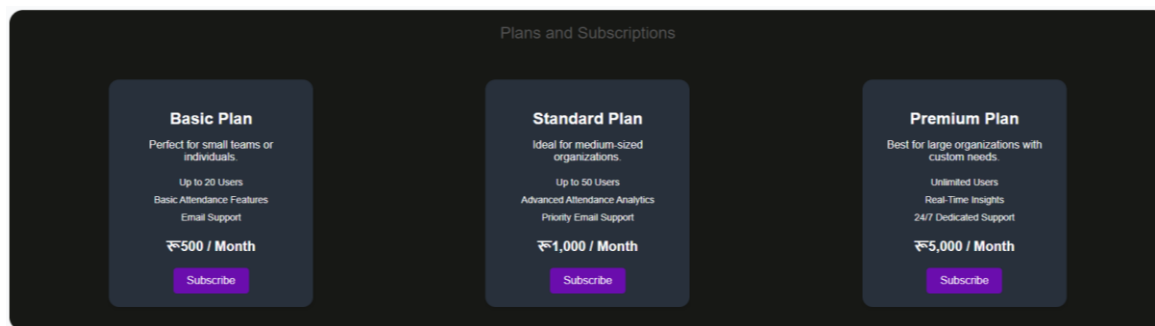


Figure 4 Plans & Subscription

## Marketing Plan

- **Target Audience:**

- Corporate offices, educational institutions, and event organizers.

- **Marketing Strategies:**

- Digital marketing campaigns focusing on LinkedIn, Facebook, and Google Ads.

- Offering free trials to attract initial customers.
- Testimonials and case studies to showcase effectiveness.

### Operational Plan

- **Implementation Workflow:**

- Phase 1: System development and testing.
- Phase 2: Pilot launch for a small group of users.
- Phase 3: Full-scale deployment and subscription sales.

- **Support Services:**

- 24/7 customer support for Premium Plan users.
- Regular software updates and feature enhancements.



Figure 5 Market Plan



## Benefits of the System

### Seamless Experience

- Users do not need to manually interact with the system after registration.
- Real-time detection and logging provide a smooth experience.

### Efficiency and Scalability

- Non-redundant detection ensures computational resources are used efficiently.
- The system can scale to hundreds or thousands of users with minimal performance degradation.

### High Accuracy

- Capturing 50 images per user ensures robustness to variations in pose, lighting, and expressions.
- Using advanced feature extraction techniques ensures reliable recognition.

### Automated Logging

- Attendance is logged automatically, reducing human error and saving time.

### Privacy and Security

- Only processed facial features are stored, not raw images, ensuring user privacy.
- Secure authentication via Firebase ensures user data integrity.

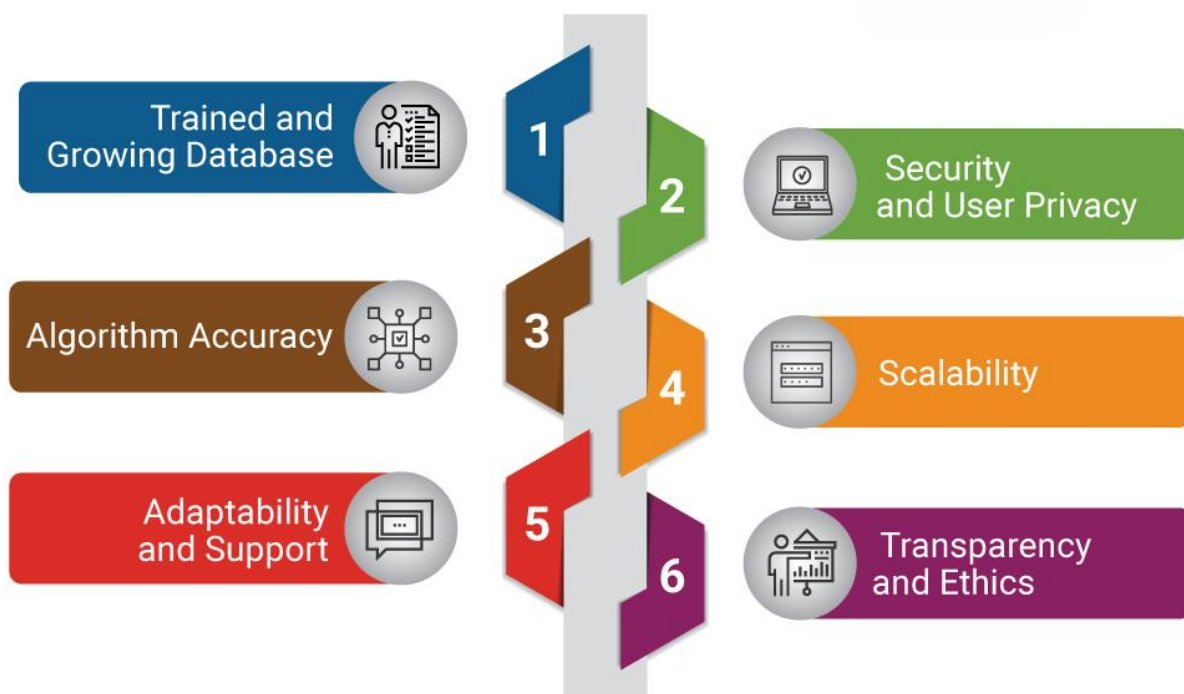


Figure 6 Benefits & feature

## **Conclusion**

This system provides an efficient and accurate attendance solution through AI-driven face recognition. By automating attendance logging and eliminating redundant processes, it enhances productivity and user experience. Its scalability and security make it a valuable tool for organizations across various industries.