



# TOUCHLESS



**STUDENT ATTENDANCE  
MANAGEMENT SYSTEM**



**STAFF ATTENDANCE  
MANAGEMENT SYSTEM**



**VISITOR MANAGEMENT  
SYSTEM**



**ACCESS CONTROL  
MANAGEMENT SYSTEM**



**Face  
Recognition  
BASED  
MANAGEMENT  
OF**



**VISITORS**



**WALK-IN**



**APPOINTMENT**



**ATTENDANCE**

TO PREVENT **COVID-19** & **FRAUDULENT VISITORS**  
PENETRATING YOUR **SCHOOL/COLLEGE**



Artificial Intelligence powered  
**'SAFETY' & 'SECURITY'**

# INTRODUCTION



'eSmartGuard' is online-offline synchronised cloud-based **Touchless Visitor Management, Staff Attendance Management, Student Attendance Management and Access Control Management System** which works on **powerful face recognition technology** and manages the **Appointment, Invitees, Walk-Ins, Staff and Student** of an Educational Institution. It not only mitigates the risk of exposure of COVID-19 from the visitors, students and staff by screening them on various parameters like body temperature, mask compliance, and enforcing social distancing norm but also auto validates the visitors to **prevent the entry of fraudulent visitor** into the premises.

## FEATURES

Contactless **Staff Attendance**  
**Student Face Attendance**  
**Appointment and Walk-In**  
 Visitor's **Touchless Self Registration**  
**Host Approval** and Notification  
**Pre-Registration/Invite** management  
**PTM Slot** management  
**Digital Visitor Record**  
**Temperature and Mask** check  
**Auto Hand Sanitization**  
 Push ON of '**Aarogya Setu App**'



## #REOPENSsafELY

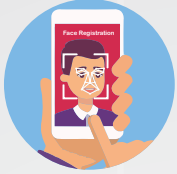
# How Visitor Management **Works ?**

## Step 1

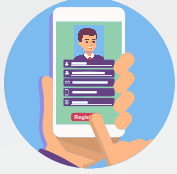
### PRE-REGISTRATION



**Pre-Registration** by visitor/guest through the invite link or website.



**Face Registration**



Details with **OTP** verified mobile number.

### SELF REGISTRATION AT OFFICE ENTRANCE

through **QR codes** placed at the **distance** of **6-7 feet** each and Generation of the '**Check-In request**'.

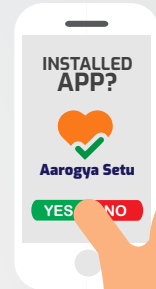
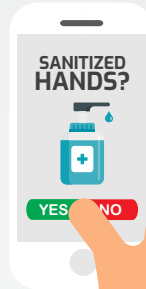
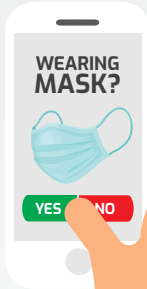
#### **NOTE:**

This registration is a **one-time process** as from the next time **visitor gets recognised automatically.**

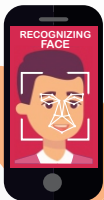


**Step 2****TEMPERATURE SCREENING**

**Temperature screening** by the security Guard and real-time alerts if **temperature** not in **permissible range**.

**Step 3****GUARD'S DECLARATION****Step 4**

**CHECK-IN**  
**Face recognized**  
in few seconds  
and visitors gets  
the entry.



# How **POWERFUL** is eSmartGuard's **FACE RECOGNITION** Technology?



Algorithm researched and deployed **SINCE LAST 14 YEARS.**



Faces are detected in **0.01 - 0.86 SECONDS** with **100% ACCURACY.**



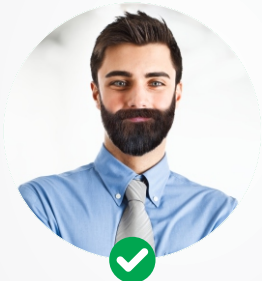
Algorithm uses sets of coordinates **USING 68 POINTS** on the face to extract the face template.



**95%** accuracy in **DETERMINING THE GENDER** of the image and **70%** accuracy in **ANALYZING SIX BASIC EMOTIONS**



**IDENTIFICATION SYSTEM** is not affected by change in **PHYSICAL APPEARANCE.**



## DELIVERABLES



### GUARD APP

'Guard App' is an App which is given to the security Guards of an organisation to manage:

- **Check-Ins of Walk-Ins**
- **Check-Ins of Visitors** with Confirmed Appointment
- Seek **approval** of **Host/Employees** of **visitor's check-In**
- Check-In of Visitors **without Smartphones** by registering them through Guard's phone,
- To allow visitors with **permissible range of body temperature**
- Check **masks, sanitisation & Aarogya Setu App**
- Available only on **Android**



*This App get an offline face extractor and face matcher licence to ensure the speedy face recognition process without speedy internet.*



### EMPLOYEE/MANAGEMENT APP

'Employee/Management App' is an App which is given to the Employees and management of an organisation to manage:

- The **Appointment Requests** by **accepting/rejecting** or **rescheduling** those
- The **visitors** coming in **with** the **approved appointment** or as a **walk-in**.
- Sending the **Pre-Invites to the guests**
- The **attendance** using the **Geo-fencing** and **face recognition technology**
- This app is available on Play Store for **Android** and App Store for **iOS** devices



### ORGANISATION ADMIN PANEL

'Organisation Admin Panel' is master admin panel of an organisation managed by the administrator of an organisation to manage:

- All the **settings, employees, data,** etc.
- All the **details of appointments and visitors** of all the employees
- All settings similar to as seen by individual employee on their panel for themselves.



### TOUCHLESS APPOINTMENT MANAGEMENT

'Appointment Management' in eSmartGuard is managed with quite a wide range of settings.

- Appointments are requested via **URLs** and is **Approved** or **disapproved** by the **host/employee** using **employee mobile app**.
- **Visitors with approved Appointments** are also checked-in within **few seconds** by the **Guard App** either using face recognition or QR Code.



### INVITE BY HOST MANAGEMENT

With 'eSmartGuard' employees or the management get the **ability to pre-register or send invite to the guests/visitors** from anywhere with the help of the mobile app.

The invitation with the 'purpose of the invitation' lands to the email inbox or mobile SMS of the Guest/visitor and Guest/visitor accepts/rejects the invitation and host gets the status accordingly. A pre-invited guest/visitor can easily do contactless check-in with the Face Recognition or QR code.



### SELF REGISTRATION & WALK-IN MANAGEMENT

'Self Registration' is done through the **QR Code** which is pasted on the walls or though any standee which can be placed anywhere as per the choice of the organisation. This feature enable visitors to **register themselves contactlessly** without having to wait for the Guard or anyone else maintaining all the norms of social distancing.



### CONTACTLESS STAFF ATTENDANCE MANAGEMENT

Staff can mark their attendance either using the **3 in 1 Smart Dispenser (Ai350)**, or **Face Terminal (eSGFace50)** which are equipped with inbuilt temperature sensor and powerful face recognition technology. Staff can also take the **selfie using the employee app using GEOFENCED Location and Face recognition Technology.**

Attendance through phone is marked only when an employee is inside the Geofence area of an organization which is defined by the Admin of the organisation through the Admin Panel.



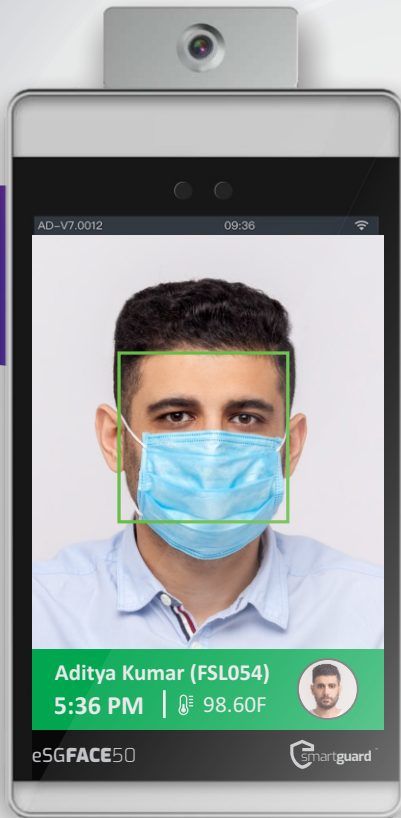
### CONTACTLESS STUDENT FACE ATTENDANCE MANAGEMENT

Students attendance is also marked either using the **3 in 1 Smart Dispenser (Ai350)**, or **Face Terminal (eSGFace50)** which are equipped with inbuilt temperature sensor and powerful face recognition technology. Parents and School management can see all the attendance related reports of the students on their school mobile app.

#### PLEASE NOTE:

**Open API is available for the integration with the school/college ERP and communication system.**

# Artificial Intelligence powered Face Recognition Terminal



**MODEL**  
**eSGFACE50**

**PRICE**

₹ **54000/- + GST**

₹ ~~68000/- + GST~~

**Metallic Body** with Industrial Grade Design  
IP66 Grade **DUST** and **WATERPROOF** Protection  
**8-Inches** IPS Touchscreen **Display**  
Dual Core ARM **Cortex-A7@900MHz** Processor  
**Wifi, TCP/IP, USB** Communication  
Face and Temperature **Accuracy 99%**  
Power **12V DC/2A**  
Dimensions **126x469x114 mm**



**FACE  
ATTENDANCE**



**BODY  
TEMPERATURE**



**MASKED  
FACE DETECTION**



**LOW LIGHT  
VERIFICATION**



**LIVE BODY  
DETECTION**



**LONG DISTANCE  
VERIFICATION**



**MULTIPLE (3-4)  
PEOPLE AT TIME**



**WiFi  
COMMUNICATION**



**ACCESS  
CONTROL SYSTEM**





# Artificial Intelligence powered SMART DISPENSER with 3 LAYER SAFETY for YOUR STUDENTS



FACE  
ATTENDANCE



BODY  
TEMPERATURE



HAND  
SANITISATION



MODEL  
Ai350

**PRICE**

₹ 14600/- + GST\*  
₹ ~~22900/-~~ + GST

- » **SAMSUNG Galaxy M31** Device
- » **6.4-Inches** Super Amoled **Display**
- » **6 GB RAM**
- » 2.3GHz + 1.7GHz Exynos **9611 Octa Core Processor**
- » **32 Megapixels** Front Camera
- » **6000 mAh** Battery
- » Medical Grade **Bluetooth Infrared Inbuilt Thermometer**
- » **9 Litres** Tank Capacity
- » Heavy **ABS Body**



LOW LIGHT  
VERIFICATION



MIST  
SPRAY



9 LITRE  
CAPACITY TANK



SIM BASED  
COMMUNICATION



ACCESS  
CONTROL SYSTEM

\* **SAMSUNG Galaxy M31** Device will cost extra  
MRP ₹ 16500/- as on November, 2020



## PRICING

### (EDU-Subscription Plans)

★★ eSG EDU-VMS Lite	BILLED MONTHLY	BILLED QUARTERLY	BILLED ANNUALLY
<ul style="list-style-type: none"> <li>➤ Visitor Management System</li> <li>➤ Appointment Management System</li> <li>➤ Self Registration Management System</li> <li>➤ Walk-in Management System</li> <li>➤ Invite Management System</li> </ul>	₹ 3100/-	₹ 8370/- <del>₹ 9300/-</del> <b>10% OFF</b> SAVE ₹ 930/-	₹ 25668/- <del>₹ 37200/-</del> <b>31% OFF</b> SAVE ₹ 11532/-

★★ eSG EDU-STAFF-ATT Lite	BILLED MONTHLY	BILLED QUARTERLY	BILLED ANNUALLY
<ul style="list-style-type: none"> <li>➤ Staff Attendance System through Mobile App via Selfie and Geolocation</li> <li>➤ Staff Attendance Management through Guard App</li> <li>➤ Staff Attendance System through Tab, Dispenser and Terminal</li> <li>➤ Multi-Branch Integration</li> </ul>	₹ 3100/-	₹ 8370/- <del>₹ 9300/-</del> <b>10% OFF</b> SAVE ₹ 930/-	₹ 25668/- <del>₹ 37200/-</del> <b>31% OFF</b> SAVE ₹ 11532/-

★★★ eSG EDU-ALL-ATT Lite	BILLED MONTHLY	BILLED QUARTERLY	BILLED ANNUALLY
<p><b>STAFF ATTENDANCE MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>➤ Staff Attendance System through Mobile App via Selfie and Geolocation</li> <li>➤ Staff Attendance Management through Guard App</li> <li>➤ Staff Attendance System through Tab, Dispenser and Terminal</li> <li>➤ Multi-Branch Integration</li> </ul> <p><b>STUDENT ATTENDANCE MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>➤ Student face Attendance management</li> <li>➤ Integrated with Smart Dispenser (Ai350) and Terminal (eSGFACE50) for Auto Temperature Screening, hand sanitization, attendance &amp; mask check</li> <li>➤ API integration with school/college ERP</li> </ul>	₹ 4783/-	₹ 12914/- <del>₹ 14349/-</del> <b>10% OFF</b> SAVE ₹ 1435/-	₹ 39603/- <del>₹ 57396/-</del> <b>31% OFF</b> SAVE ₹ 17793/-



## PRICING (EDU-Subscription Plans)

★★★★★ eSG EDU-PRO	BILLED MONTHLY	BILLED QUARTERLY	BILLED ANNUALLY
<p><b>VISITOR MANAGEMENT SYSTEM</b></p> <ul style="list-style-type: none"> <li>➤ Visitor Management System</li> <li>➤ Appointment Management System</li> <li>➤ Self Registration Management System</li> <li>➤ Walk-in Management System</li> <li>➤ Invite Management System</li> </ul> <p><b>STAFF ATTENDANCE MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>➤ Staff Attendance System through Mobile App via Selfie and Geolocation</li> <li>➤ Staff Attendance Management through Guard App</li> <li>➤ Staff Attendance System through Tab</li> <li>➤ Multi-Branch Integration</li> </ul> <p><b>STUDENT ATTENDANCE MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>➤ Student face Attendance management</li> <li>➤ Integrated with Smart Dispenser (Ai350) and Terminal (eSGFACE50) for Auto Temperature Screening, hand sanitization, attendance &amp; mask check</li> <li>➤ API integration with School/College ERP</li> </ul>	₹ 7192/-	₹ 19418/- <del>₹ 21576/-</del> <b>10% OFF</b> <b>SAVE ₹ 2158/-</b>	₹ 59550/- <del>₹ 86304/-</del> <b>31% OFF</b> <b>SAVE ₹ 26754/-</b>

## IMPLEMENTATION & LICENCE FEE

₹ 5,000/-  
One Time



## **PACKAGE INCLUDES**



**2-DEVICE LICENCE (OFFLINE EXTRACTOR AND MATCHER)**

*Additional Licence @ ₹2000/Per Licence Lifetime*



**24x7 ONLINE SUPPORT**



**UNLIMITED STORAGE & HOSTING**



**10,000 SMS/ YEAR**

*Additional SMSes @15 Paisa/SMS*



**200 Employees/Staff**

*Additional Employees @10 Rupees/Month/Employee*



**15000 Visitors/Year**

*Additional Visitor@1200 Rupees/Per 2000 Visitors/Year*

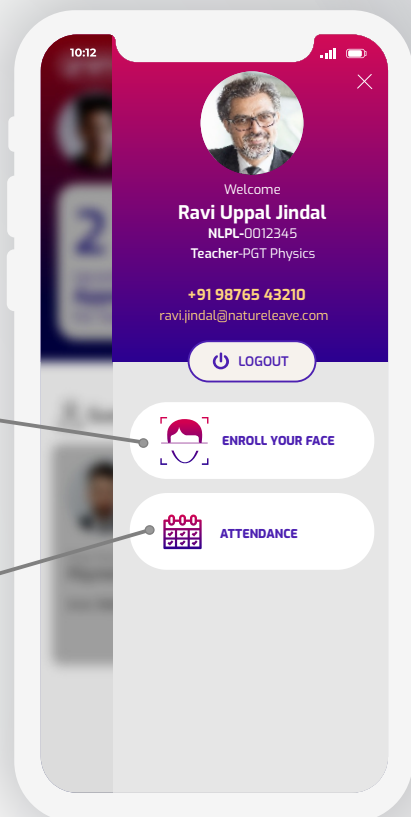
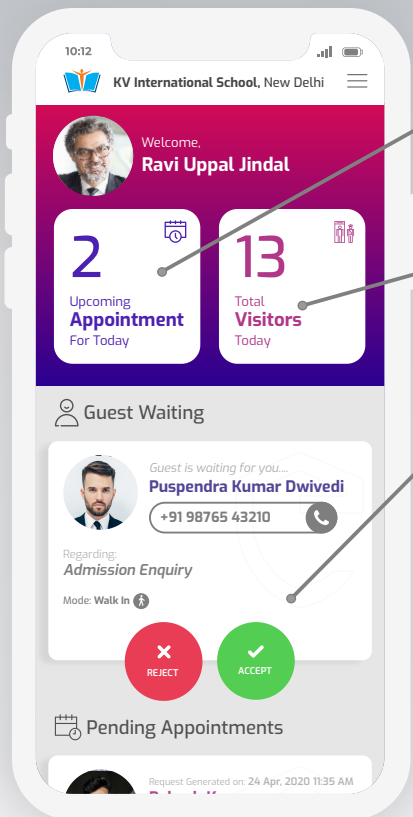


**1500 Students**

*Additional Students@3000 Rupees/Per 200 Students/Year*

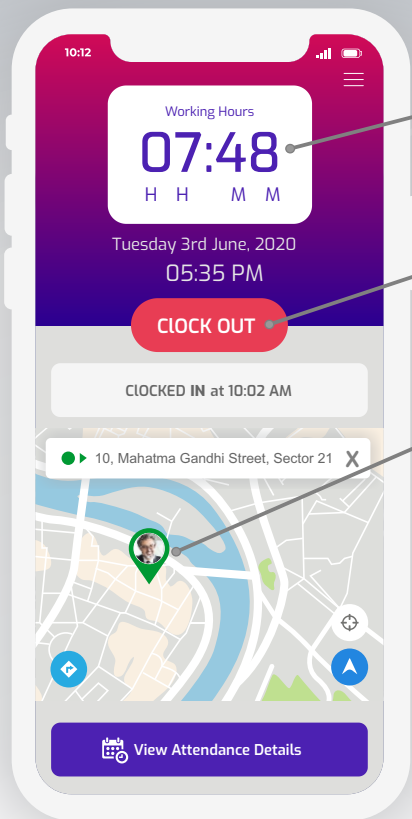
## **TERMS AND CONDITIONS**

- All the financial transactions will be in favour of Franciscan TeamCare Pvt. Ltd.
- Implementation and Face Recognition licence fee of ₹ 5000/- will be charged as non-refundable one time fee.
- 18% GST will be extra on all the prices.
- All invoices are payable within 7 working days from date of invoice.
- Cost of service mentioned in this proposal might vary with major variations in cost of any third-party services or tool or government policies.
- Annual increment of 10% every year.



## Teacher/Staff App

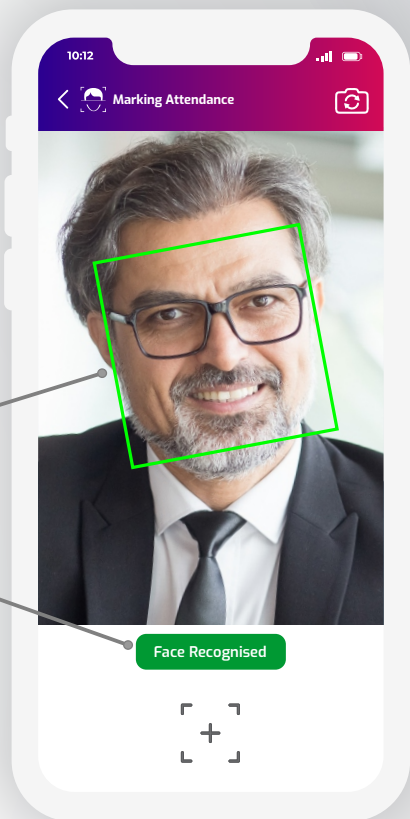




**WORKING HOURS**

**SIGN OUT**

**VERIFIED LOCATION**

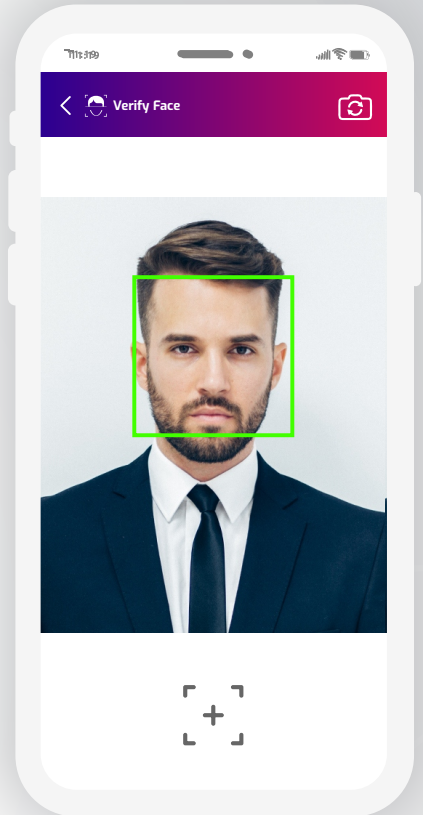
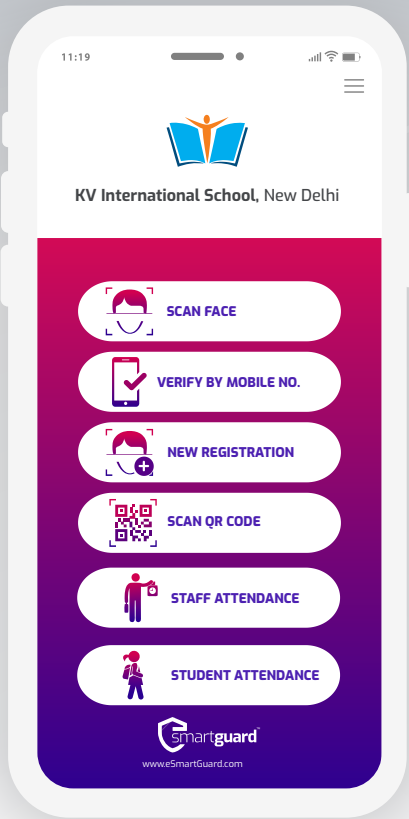


**FACE MATCHING**

**LIVE ATTENDANCE**

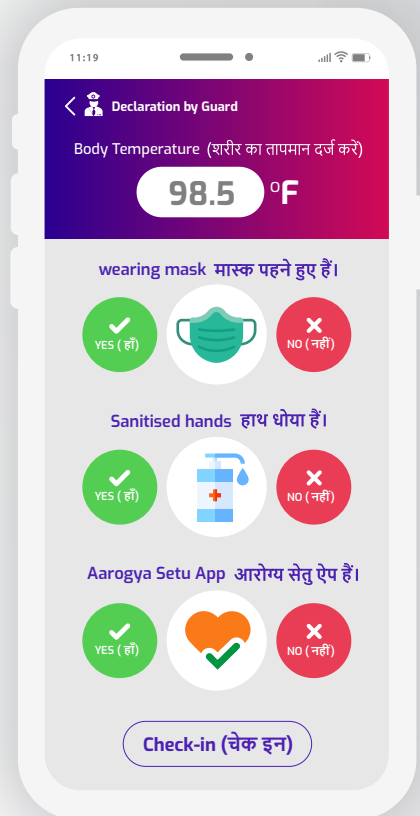
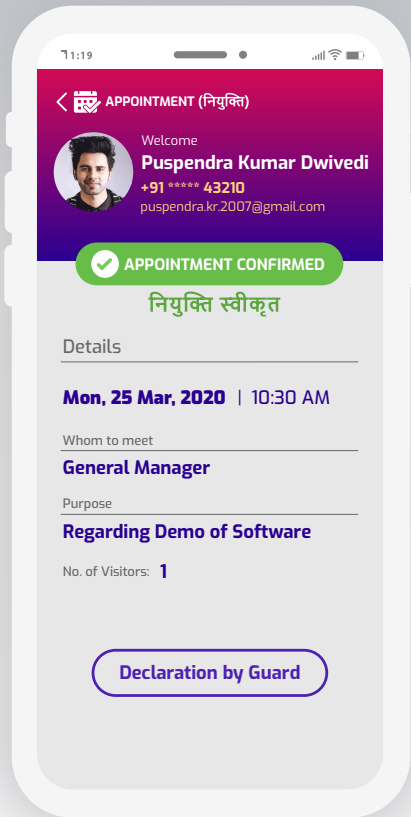
# Teacher/Staff App





**Guard App**

Available on  
**amazon appstore**



**Guard App**

Available on  
**amazon appstore**



## HOW IT WORKS

### Appointment Management

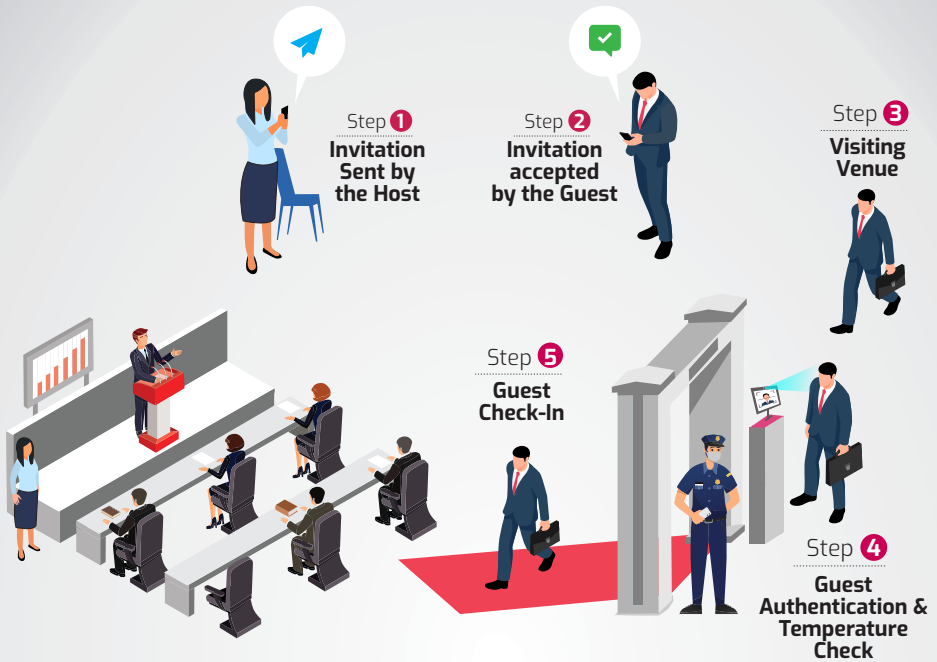


### Self-Registration & Walk-In Management

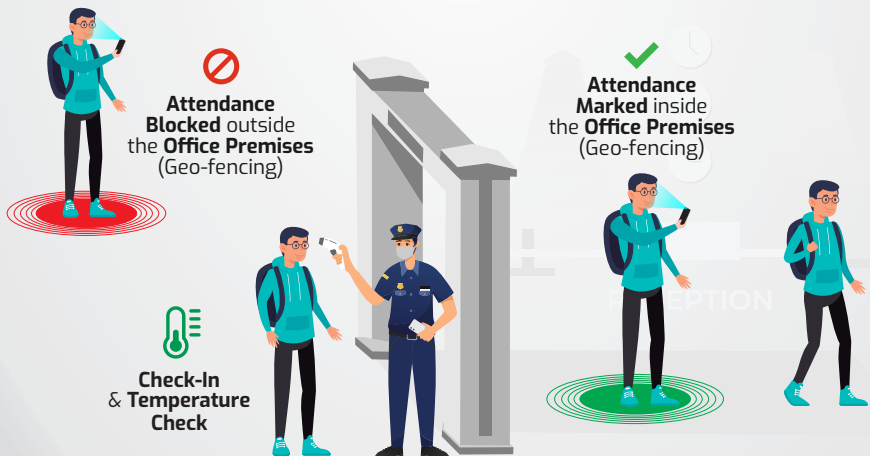


## HOW IT WORKS

### Invite by Host Management



### Contactless Attendance Management





### **eSmartGuard**

4th Floor, Tower IT/ITES, Stellar Business Park,  
Plot No. TZ-03, Sector TechZone,  
Greater Noida-201308, G.B. Nagar, U.P., India



**635 635 31 31**



[www.esmartguard.com](http://www.esmartguard.com)



[contact@esmartguard.com](mailto:contact@esmartguard.com)



A FRANCISCAN<sup>®</sup> Enterprise