# Effective Attendance QR System

Presented by Turki Saeed

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### Introduction

Duciss problem statement and solutions.
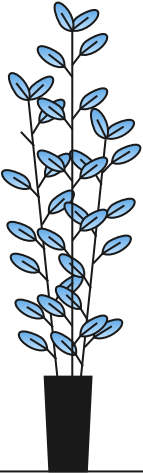
## 02

### System Framework

The process of the effective attendance QR system, and visitors feedbacks.
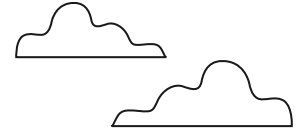
## 03

### Future Project

The upcoming vision for King's college journey.

# Introduction

Problem statement

During the the working period as a security guard at King's college at Riyadh city. We have noticed how important is to register visitors' information to the organization and this approach can get a bit handy and results the following issues :

- **Parents get offended**
  and try to avoid registering their info everytime they forget their ID Card (Badge).

- **The front gate get crowded**
  when there are special occasions and a lot of visitors.

- **Information can get messy**
  and overloaded and not saved for future purpose.

# Whoa !

Thus we have decided to automate the visitors registration process by introducing the **Attendance QR System.**

# System Framework

There are only five simple steps

**01**

## Scan QR

This step will take visitor to the main website to register

→

**02**

## Form

Visitors will have to fill up & submit the form via mobile

→

**03**

## Sign in

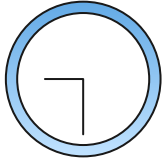A new QR code will be generated with the visitor's info

→

**04**

## Excel Sheet

Visitors' info will be presented in a table inside excel sheet

→

**05**

## Sign out

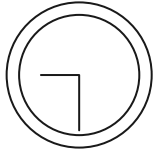Visitors will have to scan their QR code when they leave to sign out

# 01

# QR Scan

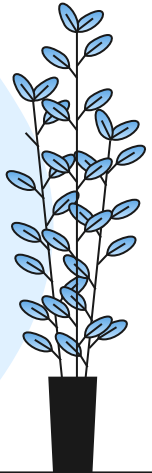The first step is very simple and straightforward

# Scanning QR Code

Scan the QR Code to take visitors to fill up the online form, they will only write the following four sections :
- **Name**
- **Reason for visit**
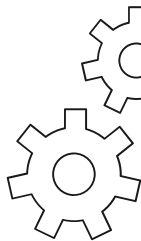- **ID number**
- **Phone number**
- **Email**

After submitting the form, visitors will have to use the code sent to their phone/email for verification.

# 02

# Fill up the Form

This is the exact information required, plus the OTP code (One Time Pin) that will be sent to visitors' and parents' mobile for verification..

Name *

Your answer

Reason or visit *

Choose ▾

ID Number *

Your answer

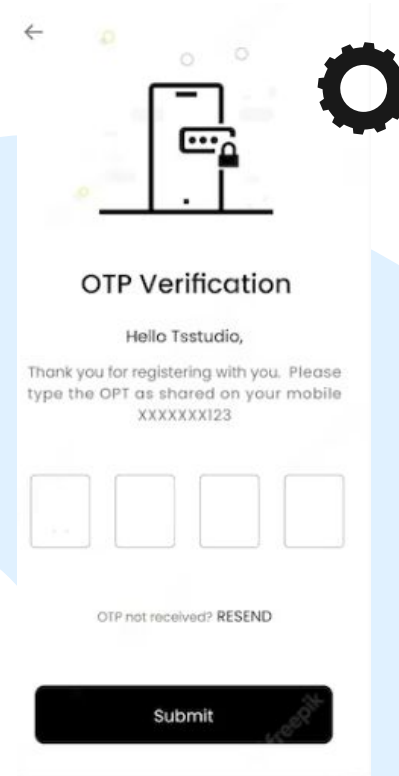Phone Number *
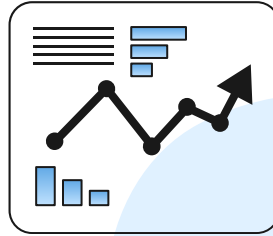
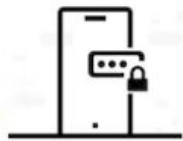Your answer

Submit                                    Clear form

# OTP Verification

This step will help us get the right information from visitors for kids' safety and build your data for future use.

## 03

# Sign in

A new QR code will be generated with visitor's information that will be presented in an excel sheet

**Note:** The QR code will be used to sign out

### King's College
RIYADH

Abdulallah Saeed AlAmoud

**Reason for visit**

Interview

**ID number**

10382847392

1:20 ::::!! 5G
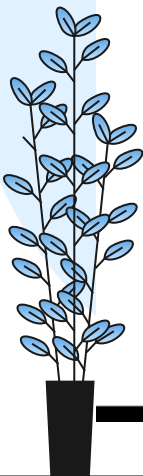
# 4 Excel Sheet

Visitor's information will be presented in a table inside an excel sheet. The file will be available online to the recpiction before visitors arrive to the office.
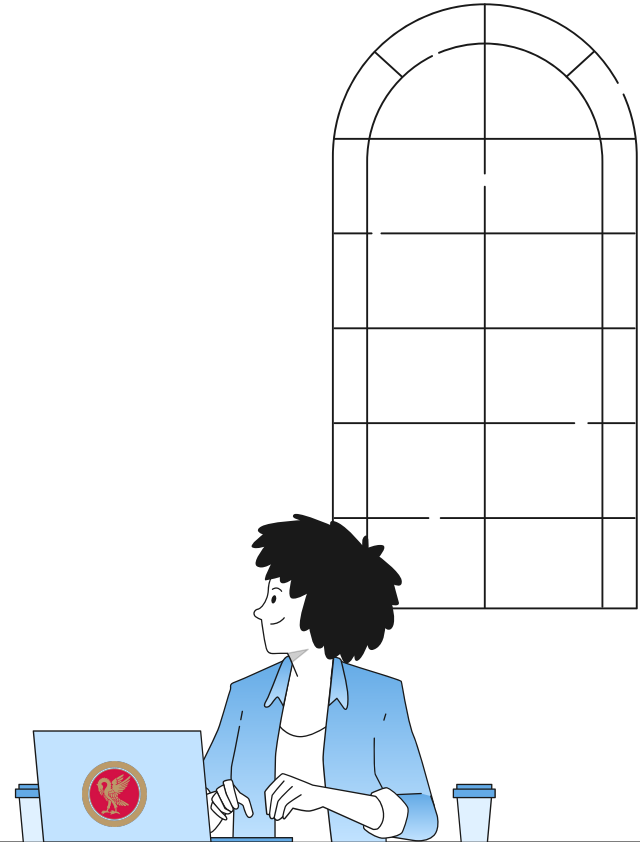
Recpiction

# Excel sheet sample:

| | A | B | C | D | E |
|---|---|---|---|---|---|
| | **Timestamp** | **Name** | **Reason or visit** | **ID Number** | **Phone Number** |
| | 7/9/2023 15:33:50 | Mohameed yahya | payment | 1079623243 | 0552096646 |
| | 8/2/2023 14:02:42 | Ahmed naser | Assessment | 1288399499 | 54782987377 |
| | 8/2/2023 14:03:11 | Hassan Khaleed | Register | 10846473947 | 064758373 |
| | 8/2/2023 14:03:18 | Khaled fahd | Register | 27363884774 | 56377738 |
| | 8/2/2023 14:04:06 | Mohammed khan | Interview | 28377373883 | 583637828282 |

This table showing how the information will be presented. All these data can be useful for marketing activities and data analysis.

**Note:** We are missing one more important section in the table above, the signing out section.

# Data Analysis

**50%**

## Registored

The number of visitors who has the potentials to enroll their kids with us.

**80%**

## New visitors

Total new visitors during working hours.

**30%**

## Payment

The number of visitors who is going to pay their school fees.

**20%**

## Pick up

Parents and nannies came to pick up their kids but forgot their ID.
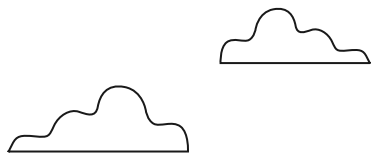
**Reason for visit**

Interview

**ID number**

10382847392

# 05
# Sign Out

Visitors will have to scan their QR code by the security guard; when they leave to sign out. This way will update the table sheet automatically, so the admin will have the chance to know how many visitors are inside the school for an effective attendance report.

# Visitors' feedbacks

This section describes how focused we are in the process of the attendance systems. Using the visitor's information for feedbacks via email or whatsapp.
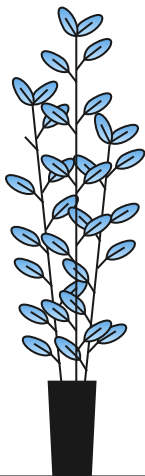
**King's College Riyadh**

How was the way in and out of school?

**Rate us !!**

★★★★★

**King's College Riyadh**

Do you have any feedback?

# What do think ?

# Future Project

We are planning to build a King's college app for the stuff, parents. This app will offer the following :

1)  **Digital ID for the stuff and parents.**
2)  **School timetable for holidays**
3)  **Notifications for any occasions**
4)  **Kids performance and results**
5)  **Marketing activities for summer camp**
6)  **Promote your products & uniforms.**
7)  **Unifying all app programs into one application, to facilitate access for parents such as :**
    [ **Bug club, TTRS, iSams, Seesaw, & Superhero**]

King's College
RIYADH

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