

## **SDE-Intern Assignment**

Create an entry management software.

### **Problem Statement**

Given the visitors that we have in office and outside, there is a need to for an entry management software.

### Description

We need an application, which can capture the Name, email address, phone no of the visitor and same information also needs to be captured for the host on the front end.

At the back end, once the user enters the information in the form, the backend should store all of the information with time stamp of the entry.

This should trigger an email and an SMS to the host informing him of the details of the visitor. There should also be a provision of the checkout time which the guest can provide once he leaves. This should trigger an email to the guest with the complete form which should include:

- 1. Name
- 2. Phone
- 3. Check-in time,
- 4. Check-out time.
- 5. Host name
- 6. Address visited.



# Example of the intended workflow

#### Visitor Details:

Name - Anant Sharma

Email - a.sharma@xyz.com

Phone - 9999999999

Checkin Time - 9:00 AM IST

Checkout Time - 4:00 PM IST

#### **Host Details:**

Name - Vishesh Singh

Email - vs@xyz.com

Phone - 000000000

Once Anant checks in and enters his details in the application, Vishesh should get an email and an SMS stating the visitor details.

After the meeting or visit is over, and Anant checks out at 4:00 PM, Anant should get an emails stating his visit details :

- 1. Name
- 2. Phone
- 3. Check-in time,
- 4. Check-out time,
- 5. Host name
- 6. Address visited.

### **Deliverables**

- 1. A minimum viable product
- 2. Push it to GitHub with a Readme to provide a description of the project and approach. All the documents created should be uploaded.

## **Additional Questions**

If you have questions related to the assignment deliverables, please drop me an email on vishesh.s@innovaccer.com.

Cheers, and good luck:)