



# HealthifyMe

HACKAI 2022

# What we are trying to solve

Vaping among teens continues to be an issue, even with age restrictions put in place by laws. Seeking solutions for creating educational content via a game to show what has worked and what hasn't for vaping cessation. What different approaches to vaping cessation vs. traditional tobacco cessation are available and show what works and what doesn't.



# Statistics



01

2 million American  
teens smoke  
cigarettes.

02

400,000 people die  
every year due to  
smoking related  
illnesses.

03

Each cigarette shortnes  
life span by 14 minutes.

Reference: <https://myinternist.com/>

# Some more info

**01**

Limited sense of smell.

**02**

Greater risk of chest infections and cancer.

**03**

Greater risk of blindness

**04**

Greater risk of periodontal or gum disease



# Solution

- Smoking is both an addiction and a habit.
- Break Smoking patterns – same location and same time.
- Cue-Action-Reward loop. Break the loop through streak strategy.
- Gamified method to encourage a smoker to stop smoking.

## USP

- Push notifications based on the smokers location and smoking pattern.

Reference: <https://charlesduhigg.com/how-habits-work/>

8:36

100%

Search



Snapchat



Spirit Airlines



Square Pic



Starbucks



Status Saver



Sticker.ly



stopSmoking



Story Saver for Instagram



Student Beans



Target



Teams



Telegram



Termux



The Nudge



Tinder



TopSaver



Translate



Truecaller



Twitter



U.S. Bank



Uber



Uber Eats



UEMS



Ultra Mobile



UNiDAYS



Universal CA



UTD Services



Vimeo



Voice



WA Business

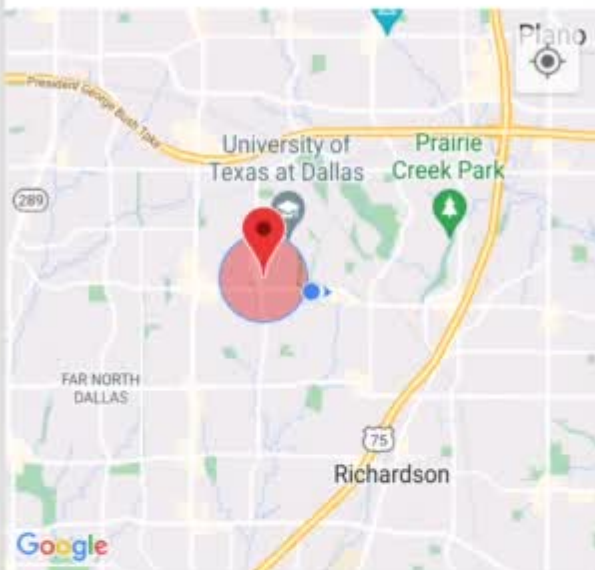
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100%

## Healthier Me



### Smoke Radar



### Summary



10 days  
streak



1 day won  
back



\$200.50  
saved

### Current Record

10 days : 22 hours : 54 minutes : 42 seconds

### Best Record



Home



Streak



Settings



Knowledge

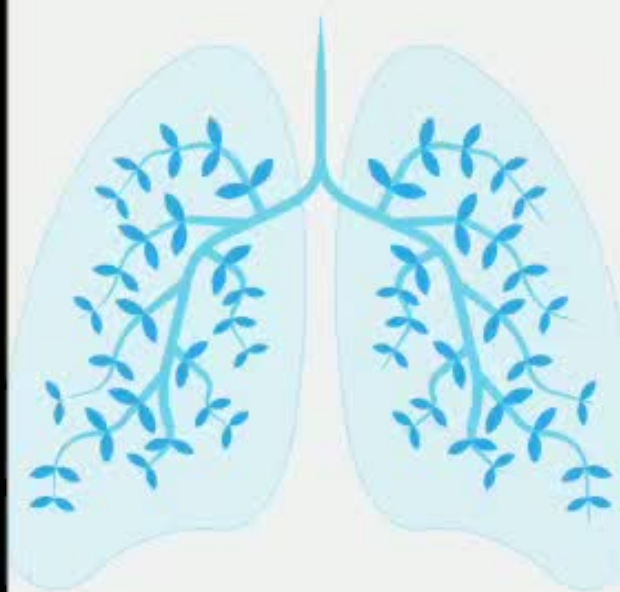
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Healthier Me



Lungs Health



21 days



Home



Streak

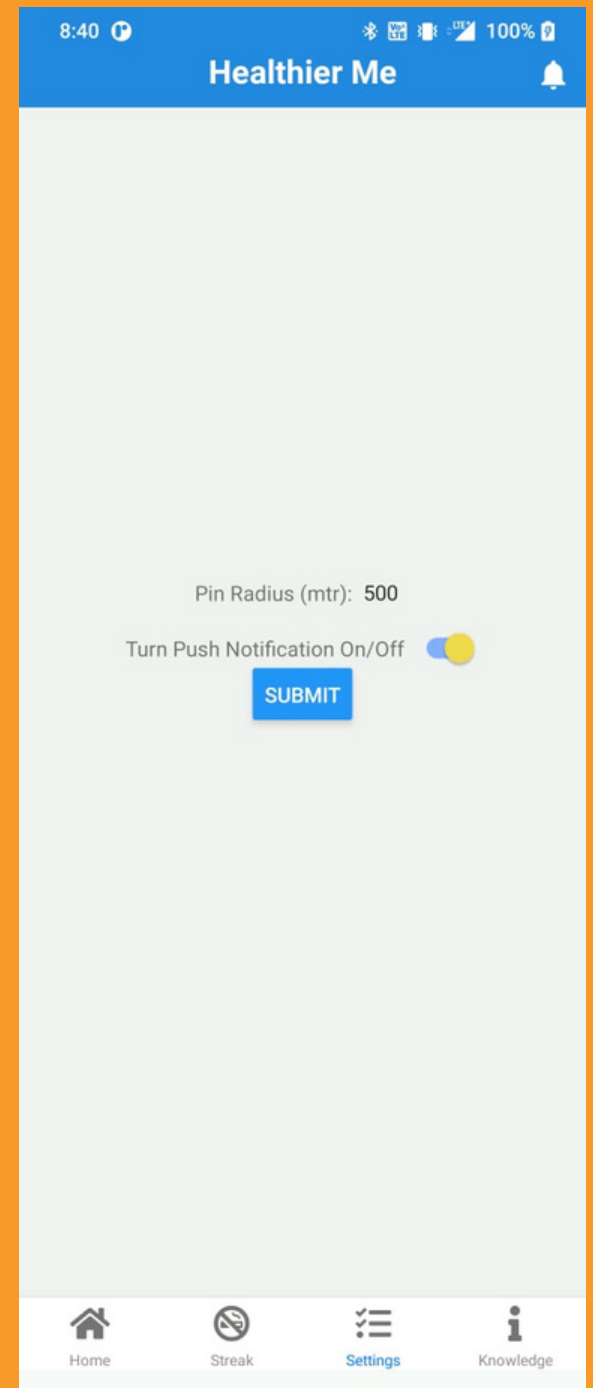
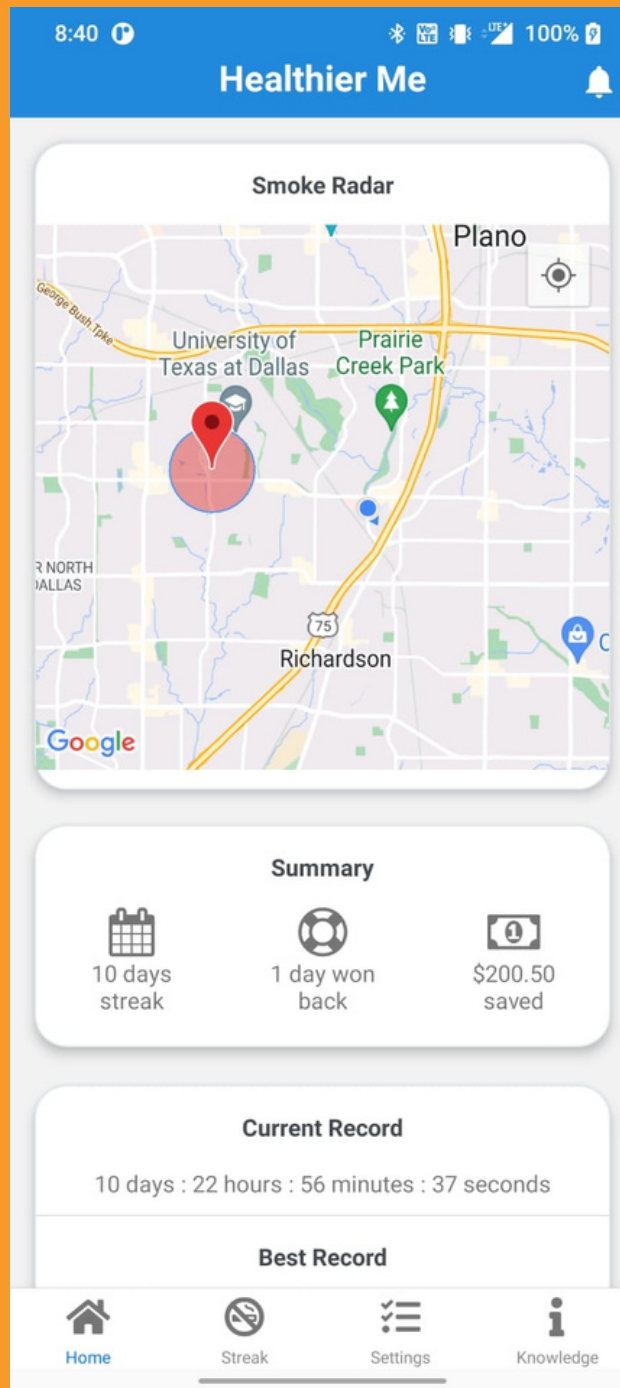
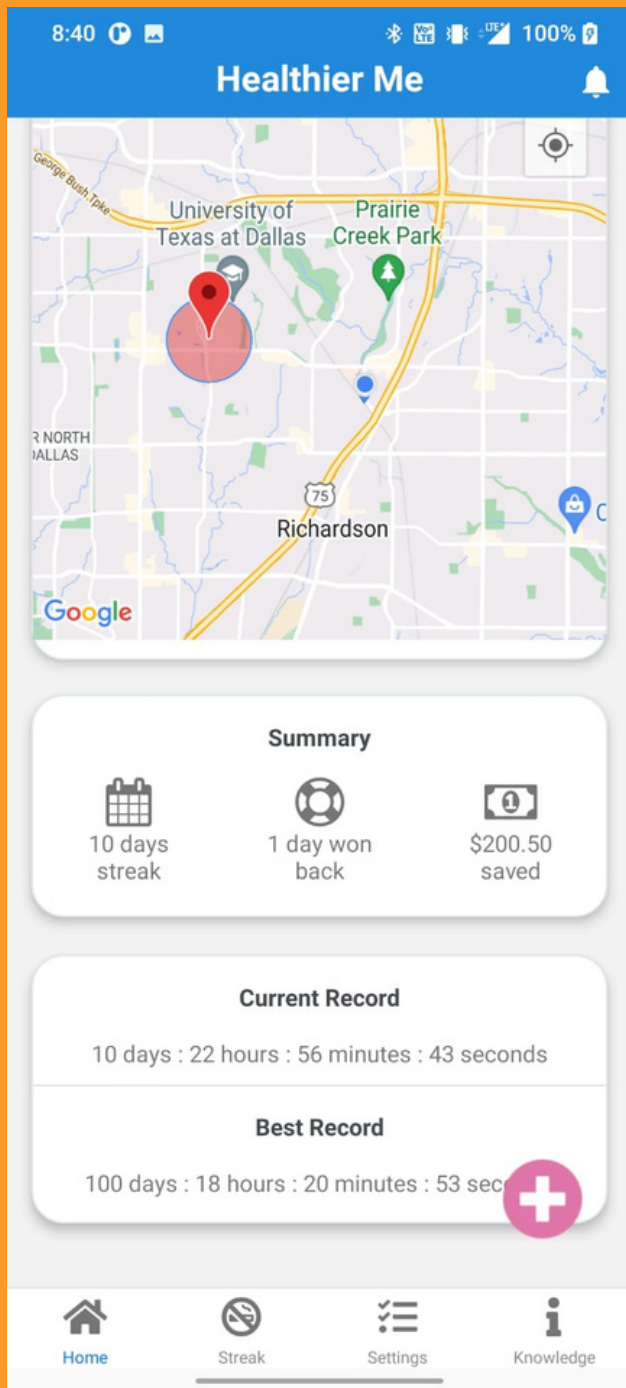


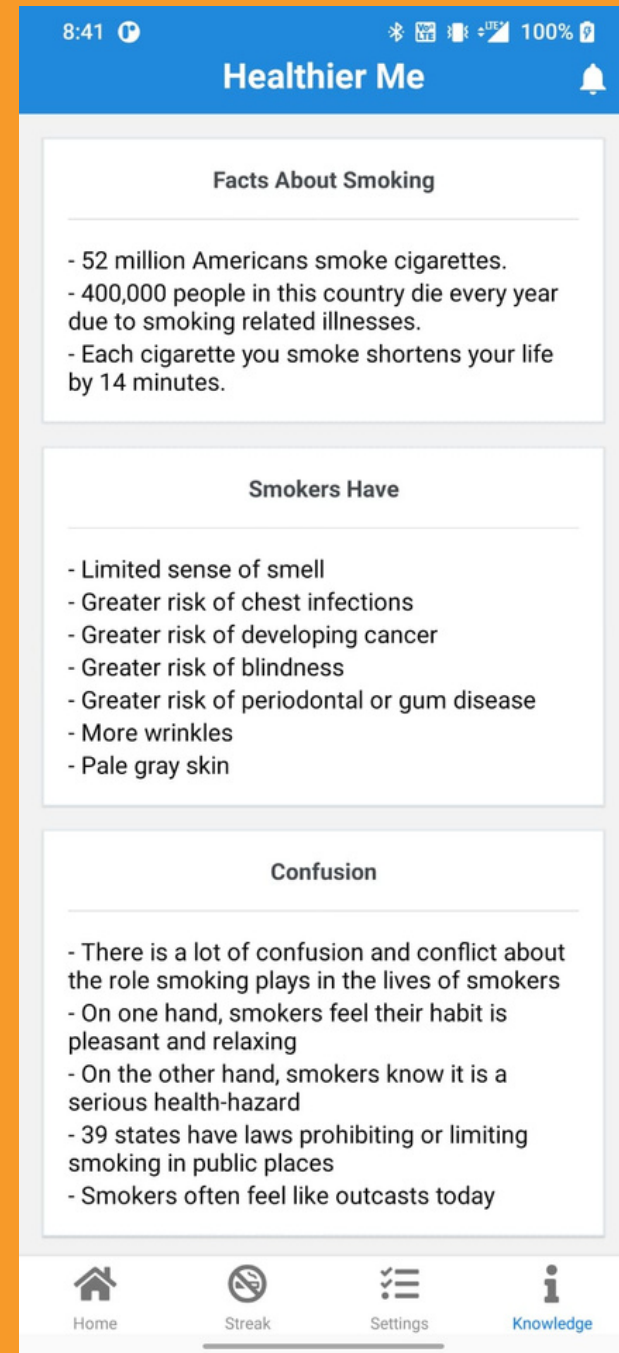
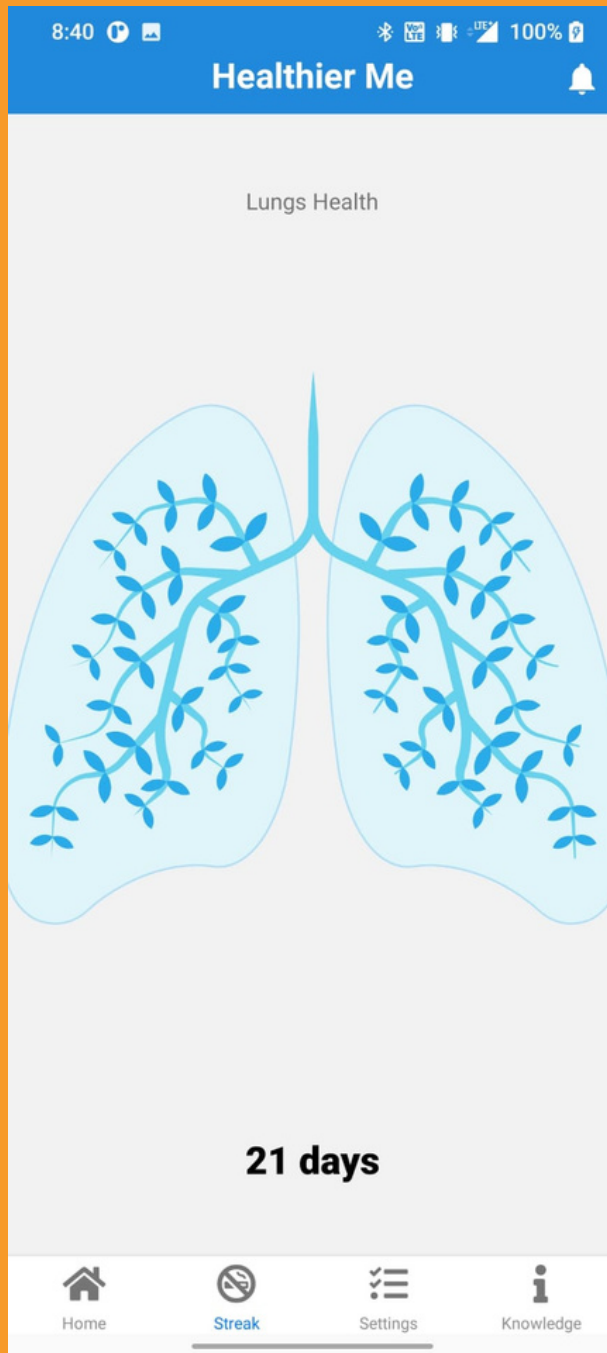
Settings



Knowledge







Made with



using



## Future Enhancements

- Using smart wearable devices to figure out through the smoker's gestures if he/she is smoking or not.
- Breathing exercises to offset the craving to smoke.
- Tie Up with local businesses to provide health related incentives to people who manage to keep their streak going!

# Problem 2!

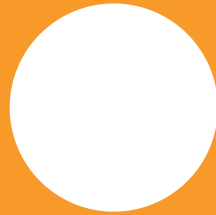
# Who Are You?

Problem Statement: Currently there is no way for patients to know which staff member walks in and out of their rooms during at their stay at the hospital. The patients don't remember the staff who came to their room. It would be nice to have solution where the staff information is recorded and displayed to patients in their room. The staff information should have the date time/entered, date/time left, picture, name, title of the person, specialty and any other relevant information of the staff that could help the patient identify who the staff is.





# Solution + Impact



- Face Recognition to recognize staff.
- Updates are sent to parents/guardians about the staff entering the room.
- Patient will be able to see the staff details before they enter the room.



- Increased safety due to face recognition and update SMSs sent to parents/guardians.



Video



Number of Faces : 1

Face

Praka Rajaram

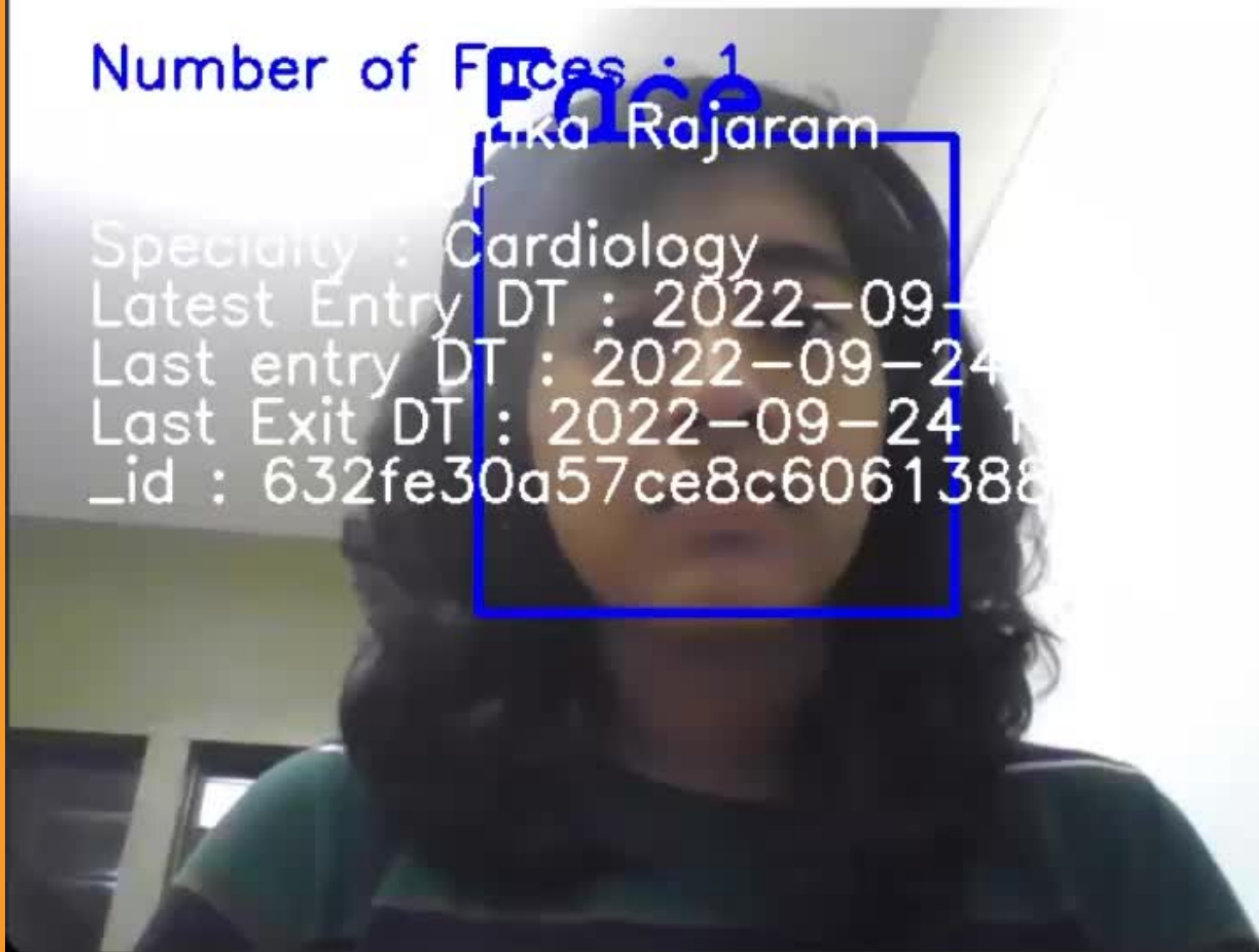
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Latest Entry DT : 2022-09-

Last entry DT : 2022-09-24

Last Exit DT : 2022-09-24

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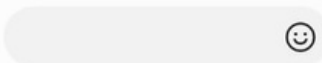
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Sunday, 25 September

Sent from your Twilio trial account -  
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Title Doctor  
Specialty Cardiology  
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00:10:58.755142  
Last entry DT 2022-09-24  
19:10:58.755142  
Last Exit DT 2022-09-24  
19:10:58.755142

00:20



## Tech Stack used:

- Python for Face recognition
- Twilio for SMS updates
- MongoDB to store staff information





**Thank You**