



SMART INDIA
HACKATHON
2020



Team Name: Status200

Organization name: Government Of Sikkim

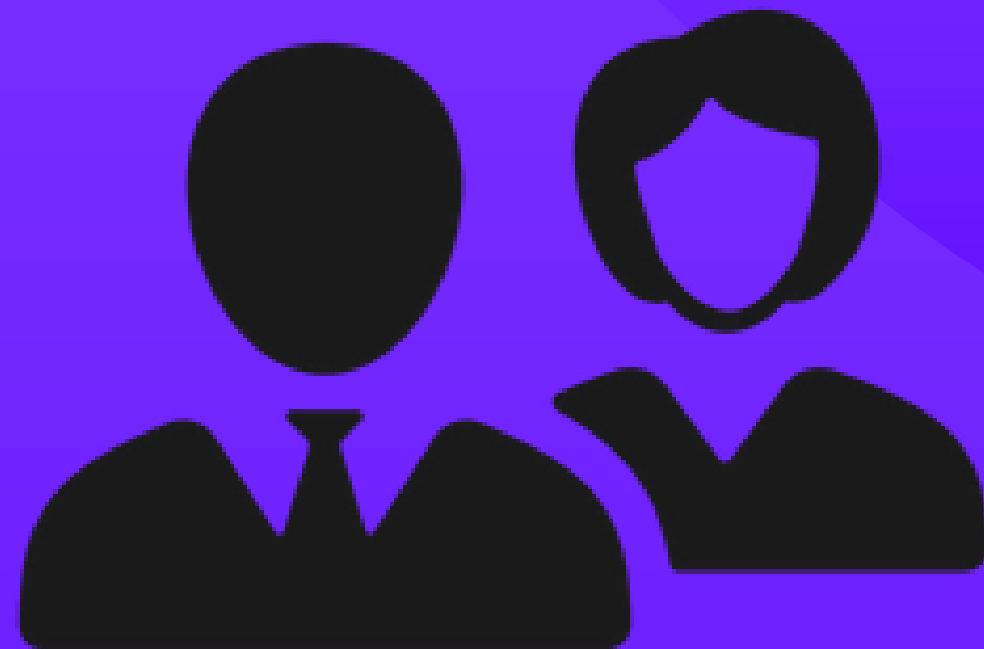
Problem Statement

An Application to monitor all file movements of every employee, timely information, intimation to the employees through SMS, emails. All files should be traceable online so that the employee do not run after the file. For this purpose whenever a file enters the system put a sticker (barcode/QR code) on the file and then whenever a file moves out of the warehouse, goes for signature, the sticker should be scanned to update its status. This system should provide insights like estimated turnaround time, at each stage. Number of stages for a type of application. Additionally it should provide intimation to the employees who are supposed to take action on them on a dashboard. Additionally if they delay taking action provide notification by SMS/email.

PORTAL HAS TWO TYPES OF USERS

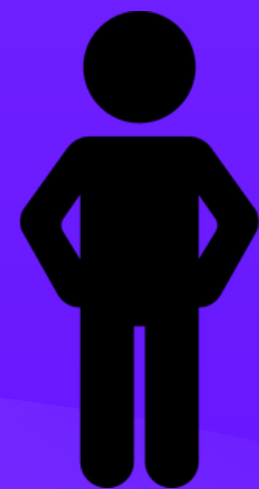


ADMIN



EMPLOYEE

SAGAR VISITS PAN CARD OFFICE TO APPLY FOR PAN CARD



PAN CARD APPLICATION PROCESSING IS DIVIDED IN THREE STAGES

Stage Details			
Stage No.	Dept ID	Dept Name	No. of Days
1	01	Doc Collection	3
2	02	Doc Verification	2
3	03	Granting application	4

Done

ADMIN CREATES A NEW FILE TO PROCESS THE APPLICATION




ADD FILE


Pan Card (PAN)

Generate Qrcode & Save

Generate Barcode & Save



PAN1596429156

 Print

Auto Assign Employee

Update Stage Details


ADMIN CAN APPLY BARCODE OR QR CODE ON THE FILE

ADD FILE


Pan Card (PAN)

Generate Qrcode & Save

Generate Barcode & Save



PAN1596429156

 Print

Auto Assign Employee

Update Stage Details



Do you QR?



What are QR CODES?

A QR code is a "Quick Response" code that is a 2-dimensional matrix barcode that can store more information than a traditional barcode. They are used to store data such as:

- Contact information (e-business cards)
- Calendar Events
- URL's (both generic and personalized)
- Phone numbers, Emails and Mailing addresses
- Any text up to 7,089 characters

Once a QR code is created you can scan and retrieve the data using an application installed on a mobile device. Once the application reads the QR code, it performs the function that is embedded in the code.

How are QR Codes used in Marketing?

QR codes link offline and online media and bring print together with mobile technology. They can be placed on a business card, a catalog, a direct mail piece, or a promotional item. Here are some common examples where QR codes can be used:

- WITHIN A DIRECT MAIL CAMPAIGN: A common use is to include a QR code in the direct mail piece so that recipients can link to a landing page (generic or personalized) and find out more info or respond to an invite or sign up for an offer. Personalized QR codes are essentially links to a person's PUURL and as such

ADMIN HAS OPTION TO UPDATE EMPLOYEE ALLOCATION IF NEEDED

Update Stage Details

≡ Stage No.	📄 Dept ID	📄 Dept Name	👤 Select Employee
1	01	Doc Collection	<input type="text" value="rahulc@gmail.com"/>
2	02	Doc Verification	<input type="text" value="Select Employee"/>
3	03	Granting application	<input type="text" value="Select Employee"/>

Close

Update changes


SOFTWARE AUTOMATICALLY ALLOCATES EMPLOYEES TO WORK ON RESPECTIVE STAGES

ADD FILE


Pan Card (PAN)

Generate Qrcode & Save

Generate Barcode & Save



PAN1596429156

 Print

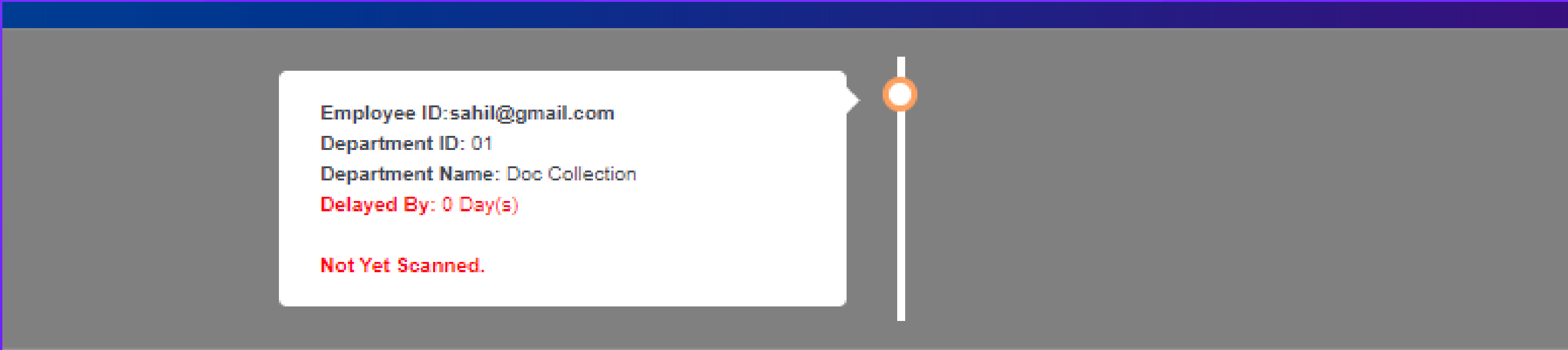
Auto Assign Employee

Update Stage Details

File Assigned Successfully!

File Assigned to: sahilkadu12@gmail.com

ADMIN CAN KEEP TRACK OF FILE DURING EACH STAGES OF WORK



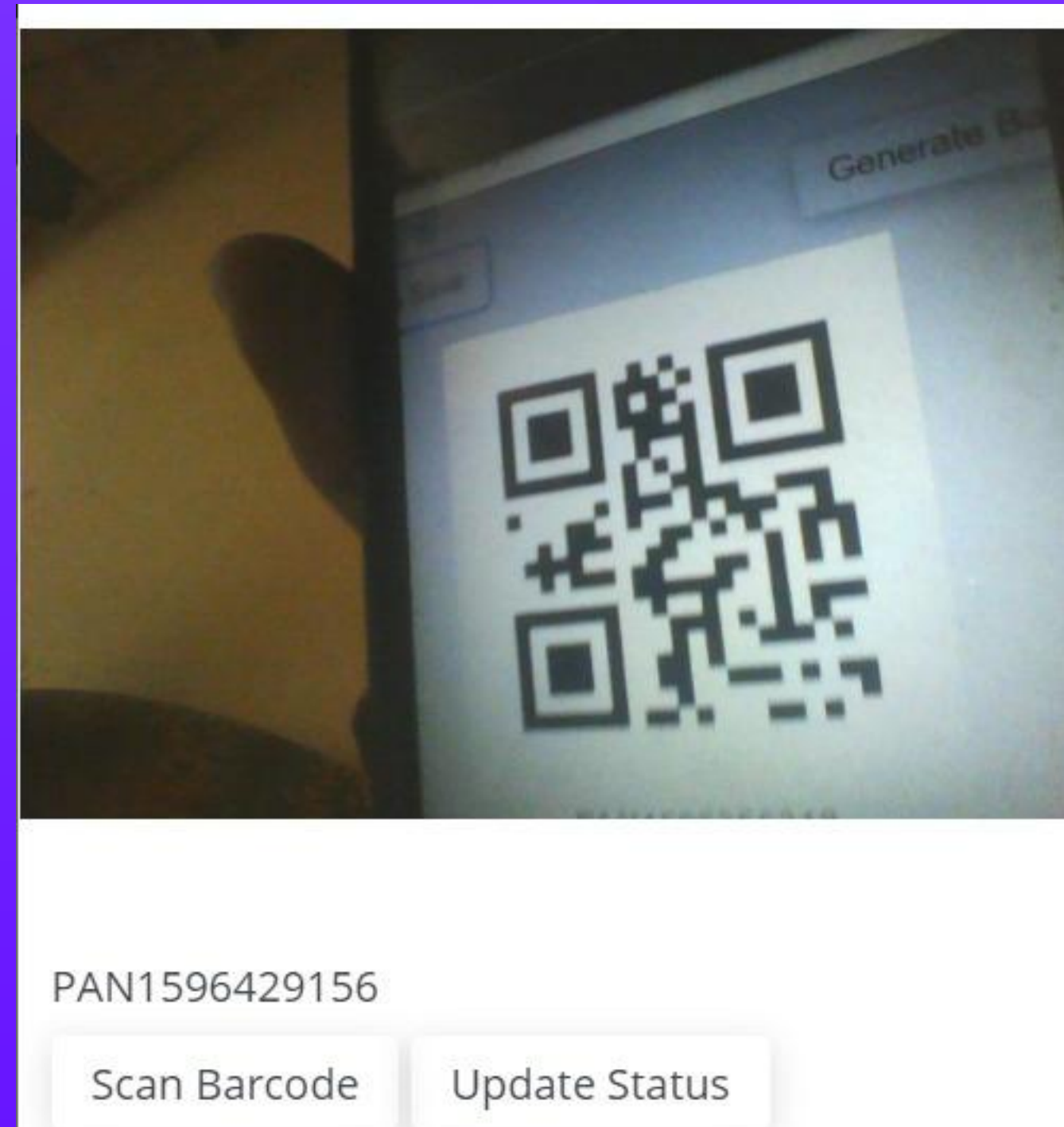
Employee ID:sahil@gmail.com
Department ID: 01
Department Name: Doc Collection
Delayed By: 0 Day(s)

Not Yet Scanned.

EMPLOYEE NAME: SAHIL

STAGE - 1 : DOC COLLECTION

EMPLOYEE ON RECEIVING THE FILE WILL SCAN THE FILE AND START WORKING ON IT



AFTER FEW DAYS



**The work is completed by
Sahil (Employee)**

EMPLOYEE NAME: SAHIL

STAGE - 1 : DOC COLLECTION

HAS OPTION TO FORWARD THE FILE TO THE NEXT EMPLOYEE
OR NEXT DEPARTMENT



Forward To Next Stage [X]

Remark:

Forwarding to same department employee.

☒ Forward To Employee ☐ Forward To Next Department

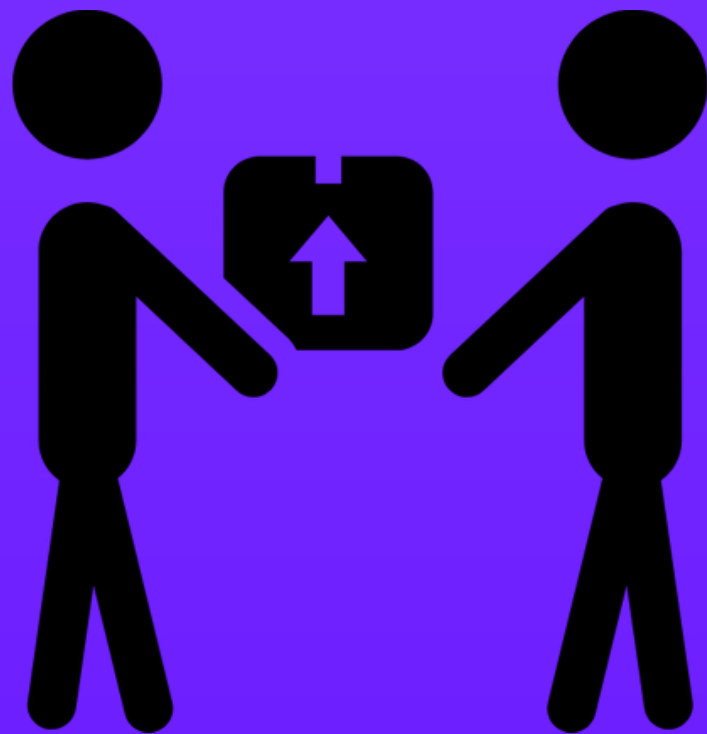
rahulc@gmail.com ▼

Confirm Close

EMPLOYEE NAME: RAHUL

STAGE - 1 : DOC COLLECTION

RECEIVED THE FILE FROM SAHIL AND SCANS IT AND
STARTS WORKING ON IT



AFTER FEW DAYS



**The work is completed by
Rahul (Employee)**

EMPLOYEE NAME: RAHUL

STAGE - 1 : DOC COLLECTION

FORWARDS THE FILE TO THE NEXT EMPLOYEE OF DIFFERENT DEPARTMENT



Forward To Next Stage

Remark:

Forwarding to next department

☐ Forward To Employee ☒ Forward To Next Department

Confirm Close

ADMIN KEEPS TRACK OF FILE DURING EACH STAGES OF WORK

Employee ID:sahil@gmail.com

Department ID: 01

Department Name: Doc Collection

Delayed By: 0 Day(s)

Remark: Forwarding to next employee of same department.

Employee ID:rahul@gmail.com

Department ID: 01

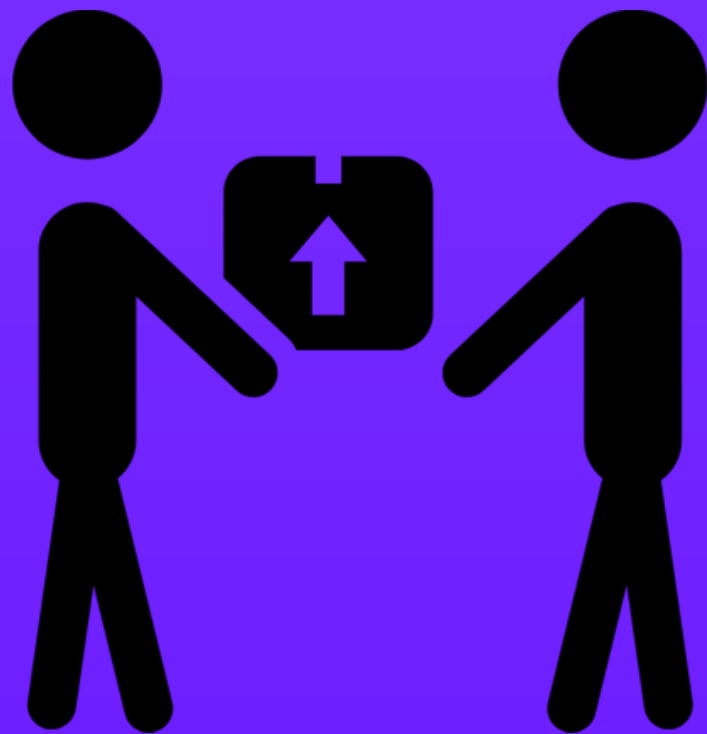
Department Name: Doc Collection

Delayed By: 0 Day(s)

EMPLOYEE NAME: ABHAY

STAGE - 2 : DOC VERIFICATION

RECEIVED THE FILE FROM RAHUL AND SCANS IT AND
STARTS WORKING ON IT



AFTER FEW DAYS



**The work is completed by
Abhay (Employee)**

EMPLOYEE NAME: ABHAY

STAGE - 2 : DOC VERIFICATION

FORWARDS THE FILE TO THE NEXT EMPLOYEE OF DIFFERENT DEPARTMENT



Forward To Next Stage

Remark:

Forwarding to next department

☐ Forward To Employee ☒ Forward To Next Department

Confirm Close

ADMIN KEEPS TRACK OF FILE DURING EACH STAGES OF WORK

Employee ID:sahil@gmail.com

Department ID: 01

Department Name: Doc Collection

Delayed By: 0 Day(s)

Remark: Forwarding to next employee of same department.

Employee ID:rahul@gmail.com

Department ID: 01

Department Name: Doc Collection

Delayed By: 0 Day(s)

Remark: Forwarding to next department.

Employee ID:abygupta@gmail.com

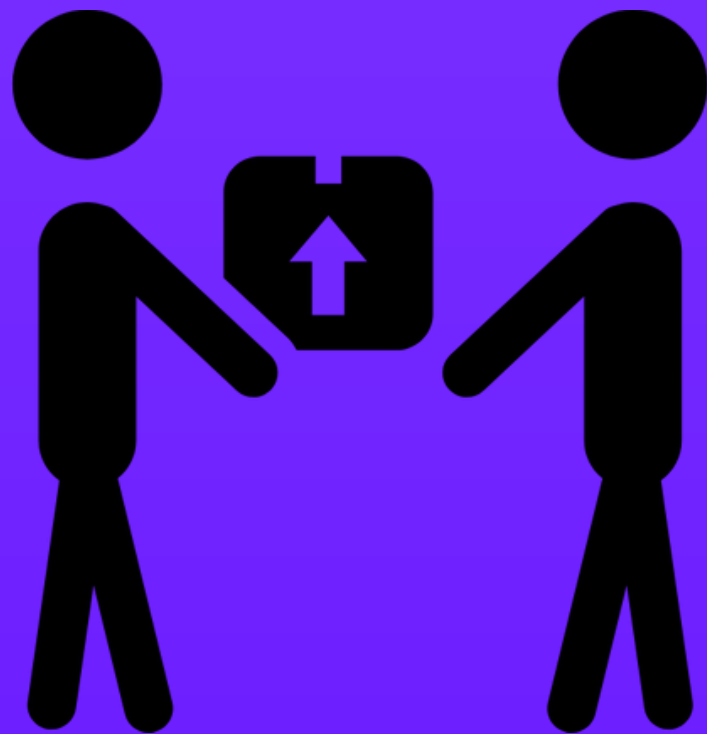
Department ID: 02

Department Name: Doc Verification

Delayed By: 0 Day(s)

EMPLOYEE NAME:TEJAS STAGE - 3 : GRANTING APPLICATION

RECEIVED THE FILE FROM ABHAY AND SCANS IT AND STARTS WORKING ON IT



AFTER FEW DAYS

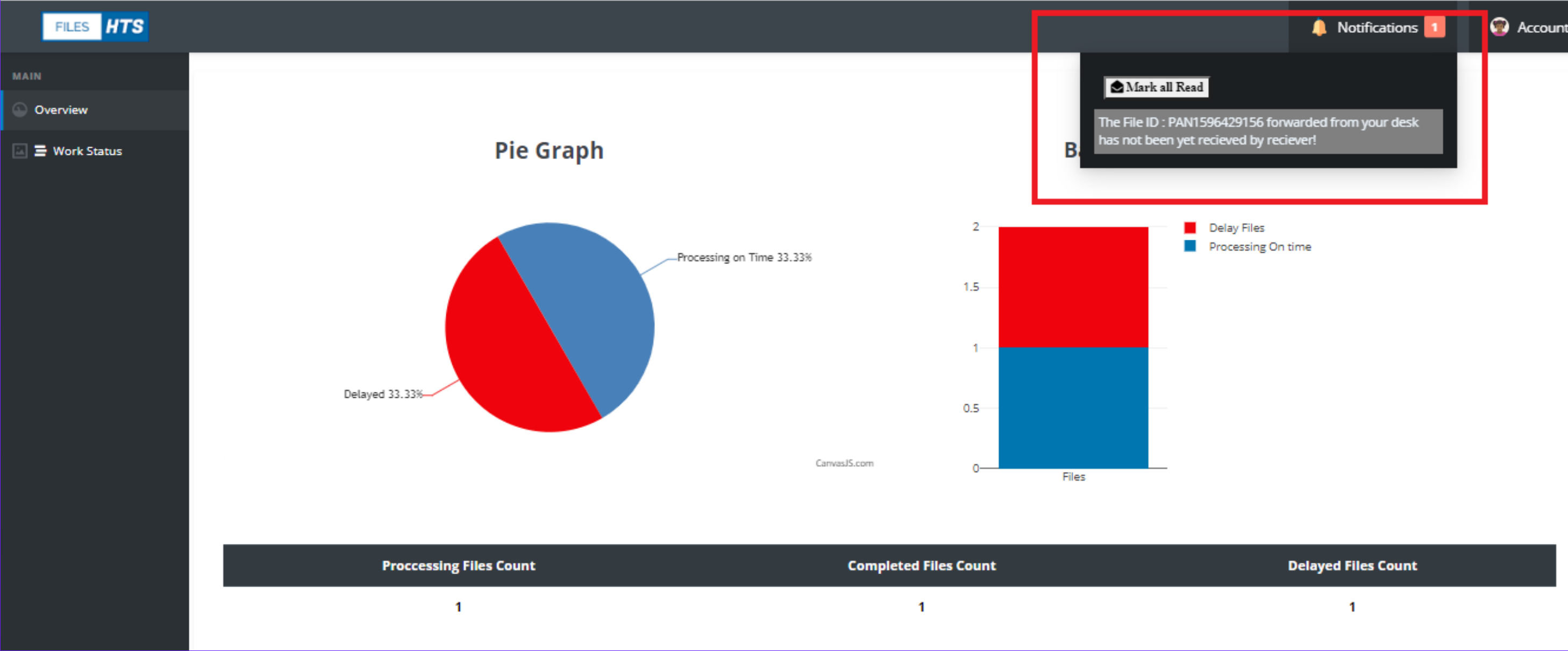


The work is delayed

ADMIN KEEPS TRACK OF FILE DURING EACH STAGES OF WORK



THE SOFTWARE SEND ALERTS TO EMPLOYEE ABOUT DELAY OF WORK

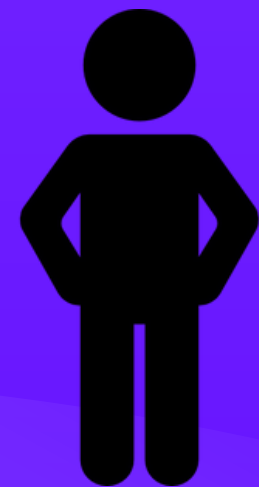


AFTER FEW DAYS



**The work is completed by
Tejas (Employee)**

SAGAR AGAIN VISITS PAN CARD OFFICE AND COLLECTS THE PAN CARD



ADMIN FEATURES

ADD DEPARTMENT

CREATE DEPARTMENT

Enter Department Name

Enter Department ID

+ Create Department

ADD EMPLOYEE

ADD Employee

First Name

Last Name

Email ID

Select Department

Mobile Number

Password

Confirm Password

+ Add Employee

ADD APPLICATION

CREATE APPLICATION

PAN

02

Add Stages

Doc Collection (01)

2

+

-

Doc Verification (02)

3

+

-

Granted Application (03)

5

+

-

+ Create Application

ADD HOLIDAYS

Edit

Save

January 2020

Su	Mo	Tu	We	Th	Fr	Sa
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

February 2020

Su	Mo	Tu	We	Th	Fr	Sa
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March 2020

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

VIEW EMPLOYEE RATINGS


Employee Ratings

Department List

Doc Collection (01)

Employee ID	Employee Name	Employee Ratings	Employee Profile
sahil@gmail.com	Sahil Kadu	★★★★★	Open
rahul@gmail.com	Rahul Chavan	★★★★★	Open

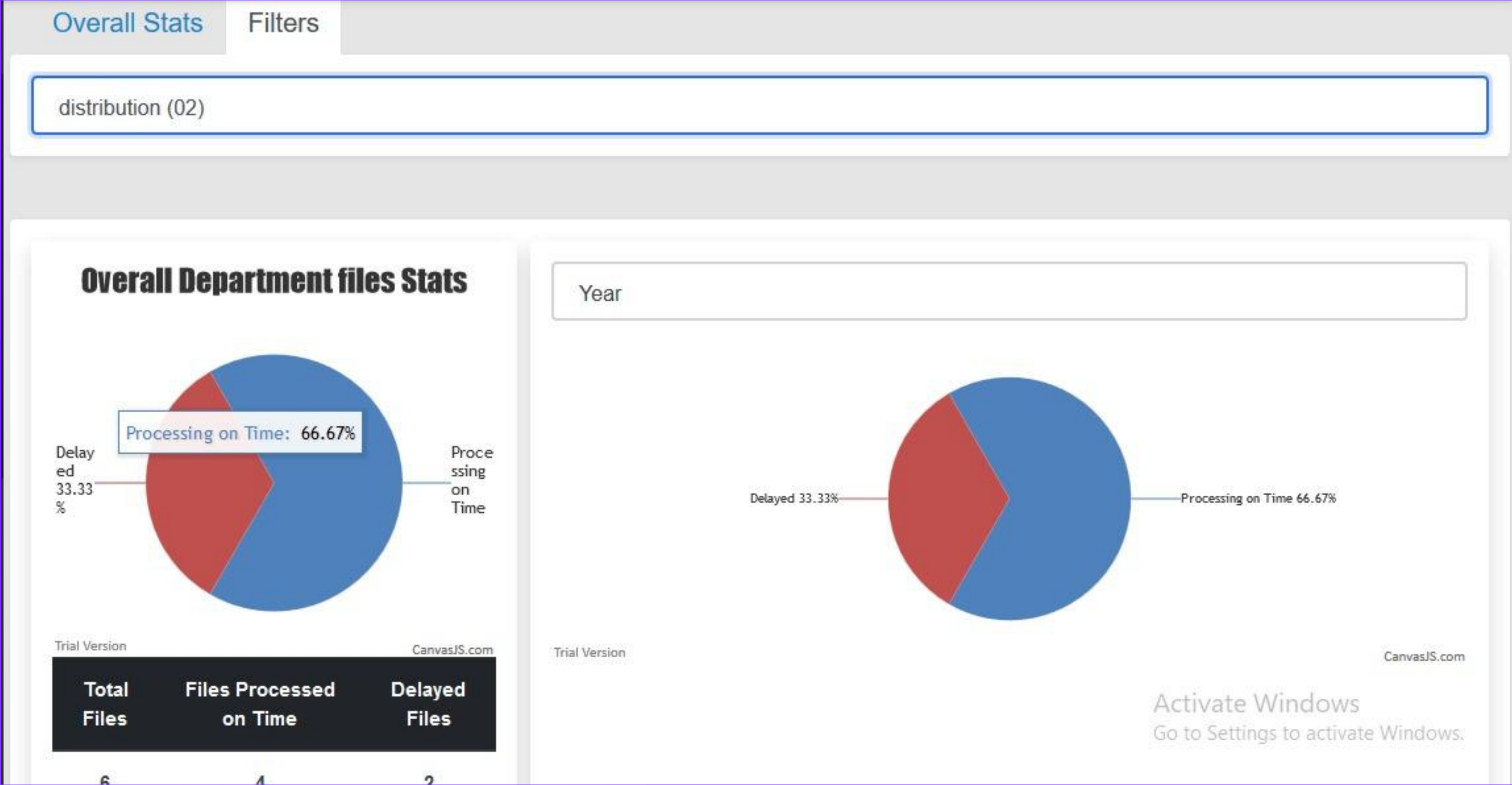
Employee InformationEmployee Stats



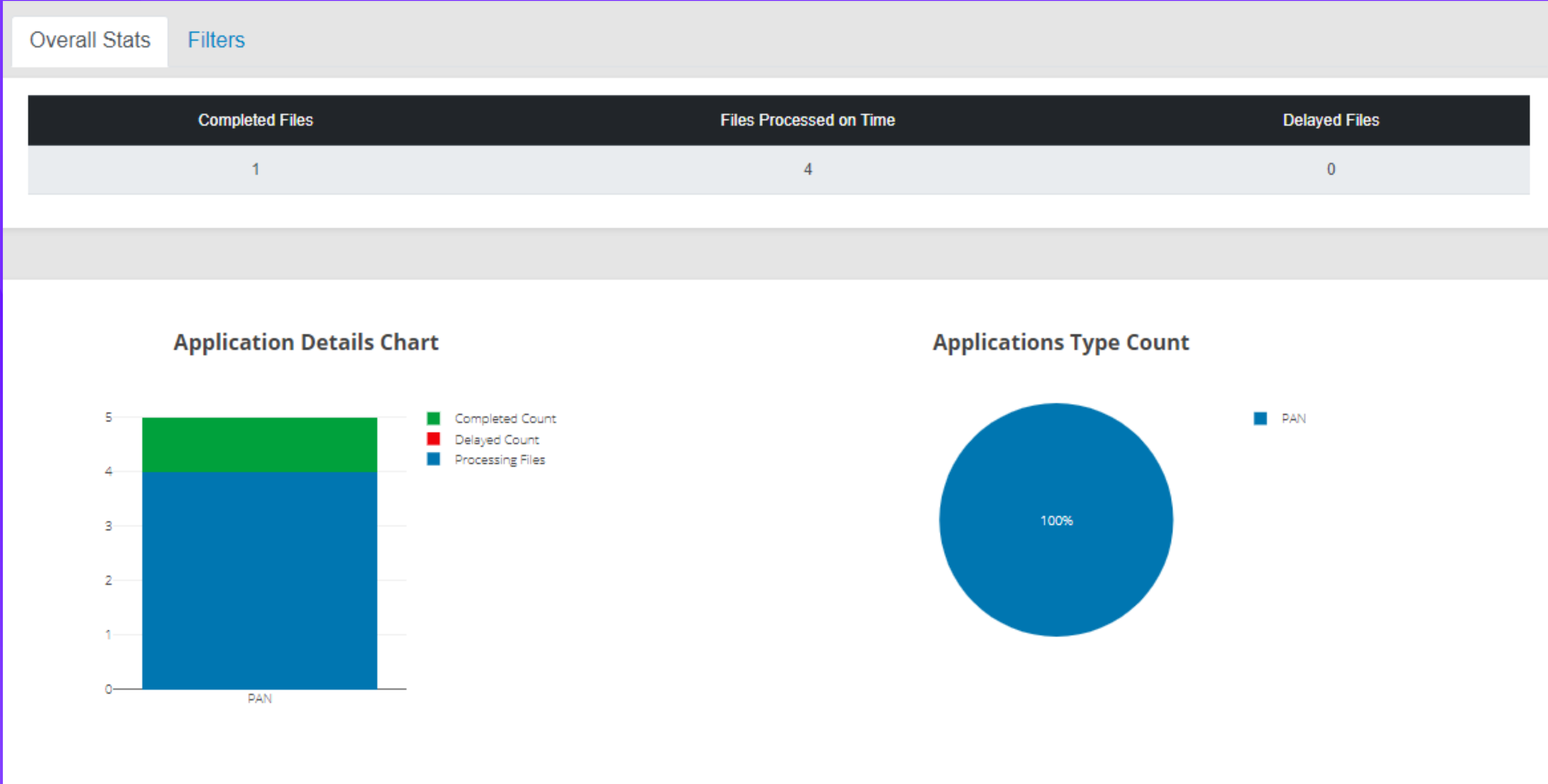
Employee Information

Name	Sahil Kadu
Mobile Number	9930894939
Email ID	sahil@gmail.com
Department ID	01
Department Name	Doc Collection

VIEW DEPARTMENT STATISTICS



VIEW OVERALL STATISTICS



GENERATE REPORT

GENERATE REPORTS

Department Reports

Document Collection (01)

all completed on time files

+ Generate

Department Name	Total Files	On Time Files	Delayed Files
Document Collection	4	4	0

On time Files

Sr.No	File ID
1	ADC1596422854
2	PAN1596423729
3	ADC1596424007
4	PAN1596424330

TS

GENERATE REPORTS

Department Reports

Doc Verification (

Department Name	Total Files
Doc Verification	3

On time Files

Sr.No	File ID
-------	---------

test.csv - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

LibreOffice Calc toolbar

File ID	Application Type	Time Created	Delayed Days
ADC1596410213	ADC	2020-08-03 04:46:53 733000	0
ADC1596408129	ADC	2020-08-03 04:12:09 574000	0
ADC1596444931	ADC	2020-08-03 14:25:31 228000	0

Sheet 1 of 1 | Default | English (India) | Average: Sum 0 | 100%

ESTIMATED DATE OF FILE COMPLETION USING MACHINE LEARNING

PAN1596432275

 Search

OR

 Scan File

 File ID

 Current Department

 Delayed By

 Track Details

 Estimated Date

PAN1596432275

Doc Collection (01)

1

Track

Fri, 07 Aug 2020 12:14:26 GMT

ALERTS

Email	Time	Message	Mark
sahilkadu12@gmail.com	Mon, 03 Aug 2020 10:14:48 GMT	View	Mark Attended

Unattended

Attended

Email	Time Arrived	Details	Time Attended
sahilkadu12@gmail.com	Mon, 03 Aug 2020 10:14:48 GMT	View	Mon, 03 Aug 2020 10:45:41 GMT

Details

From:sahilkadu12@gmail.com

sahilkadu12@gmail.com has not received File: PAN1596429156 sent from Barcode_Generation_Dept at 2020-08-03 10:04:58 !

Time Arrived:Mon, 03 Aug 2020 10:14:48 GMT

Time Attended:Mon, 03 Aug 2020 10:45:41 GMT

Done

NATIVE LANGUAGE

FILES HTS

चेतावनी

भा

MAIN

अवलोकन

विभागों

एप्लिकेशन

कर्मचारी जोड़ें

फाइल जोड़ें

कर्मचारी ऑकड़े

कर्मचारी खोज

पंचांग

फाइल खोजें

SECONDARY

फाइलें

कर्मचारी जोड़ें

पहला नाम

सरनेम

ईमेल आईडी

पासवर्ड

विभाग का चयन करें

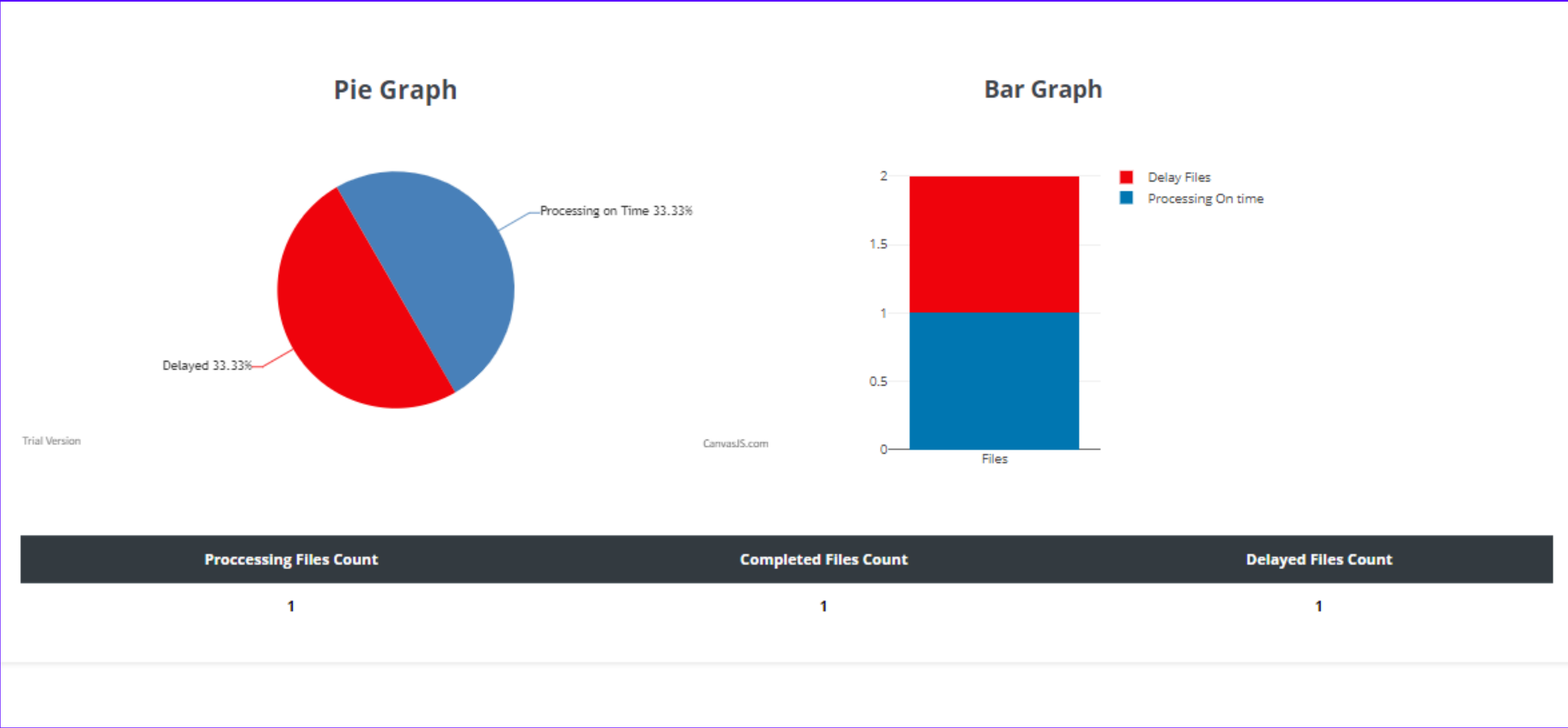
पासवर्ड की पुष्टि करें

मोबाइल नंबर

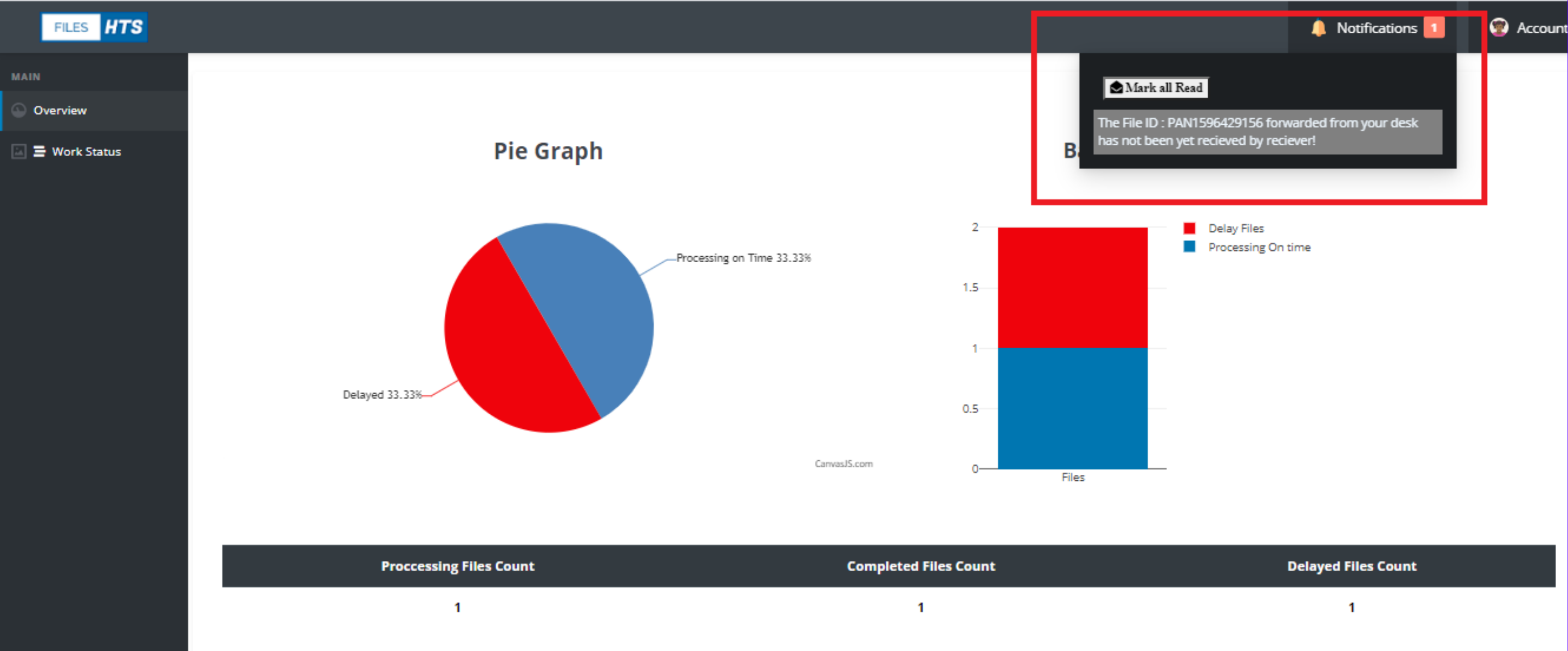
कर्मचारी जोड़ें

EMPLOYEE FEATURES

EMPLOYEE OVERALL STATS



NOTIFICATIONS










ALERT ADMIN

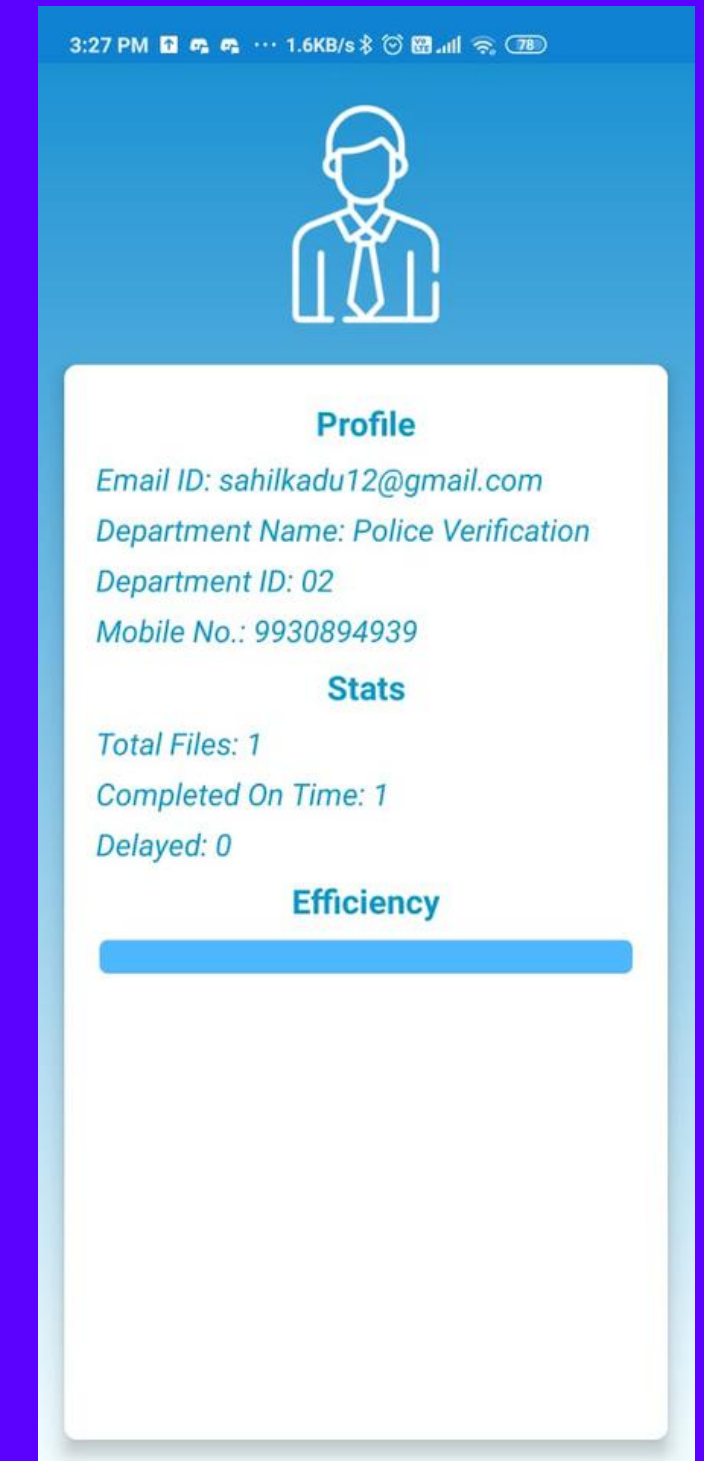
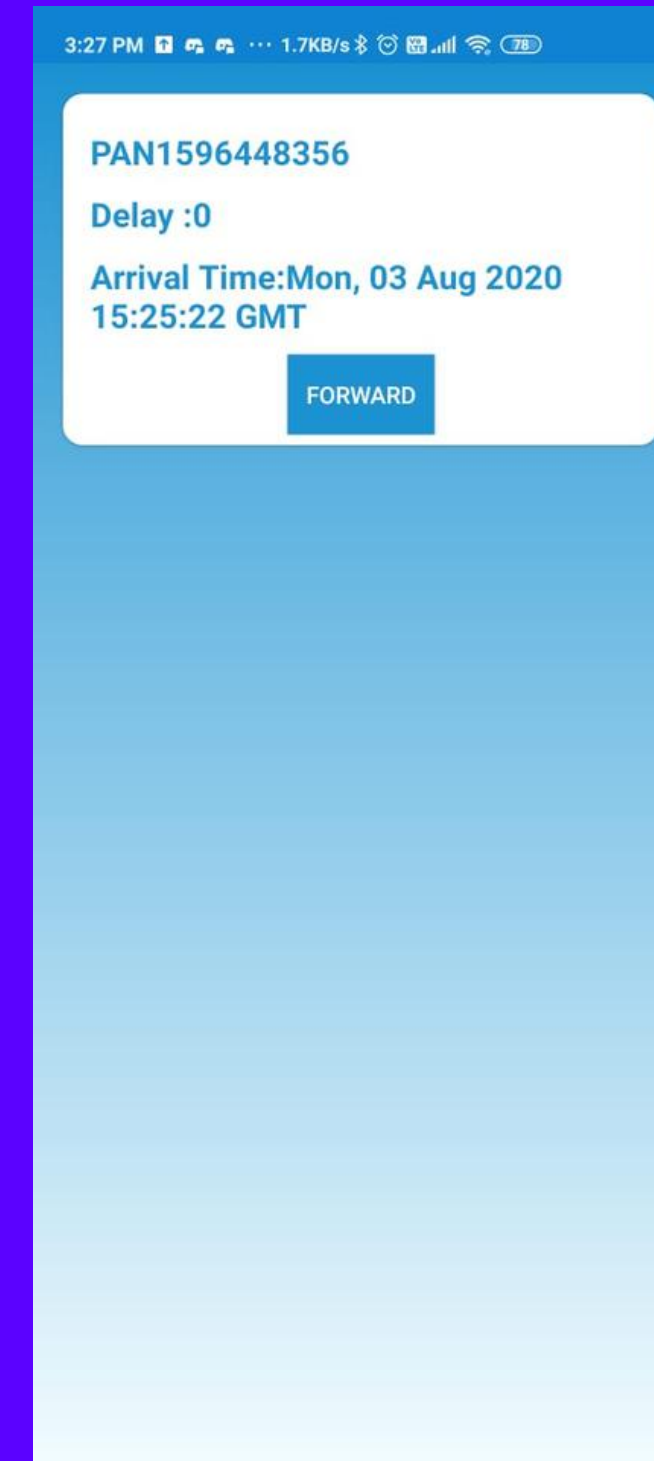
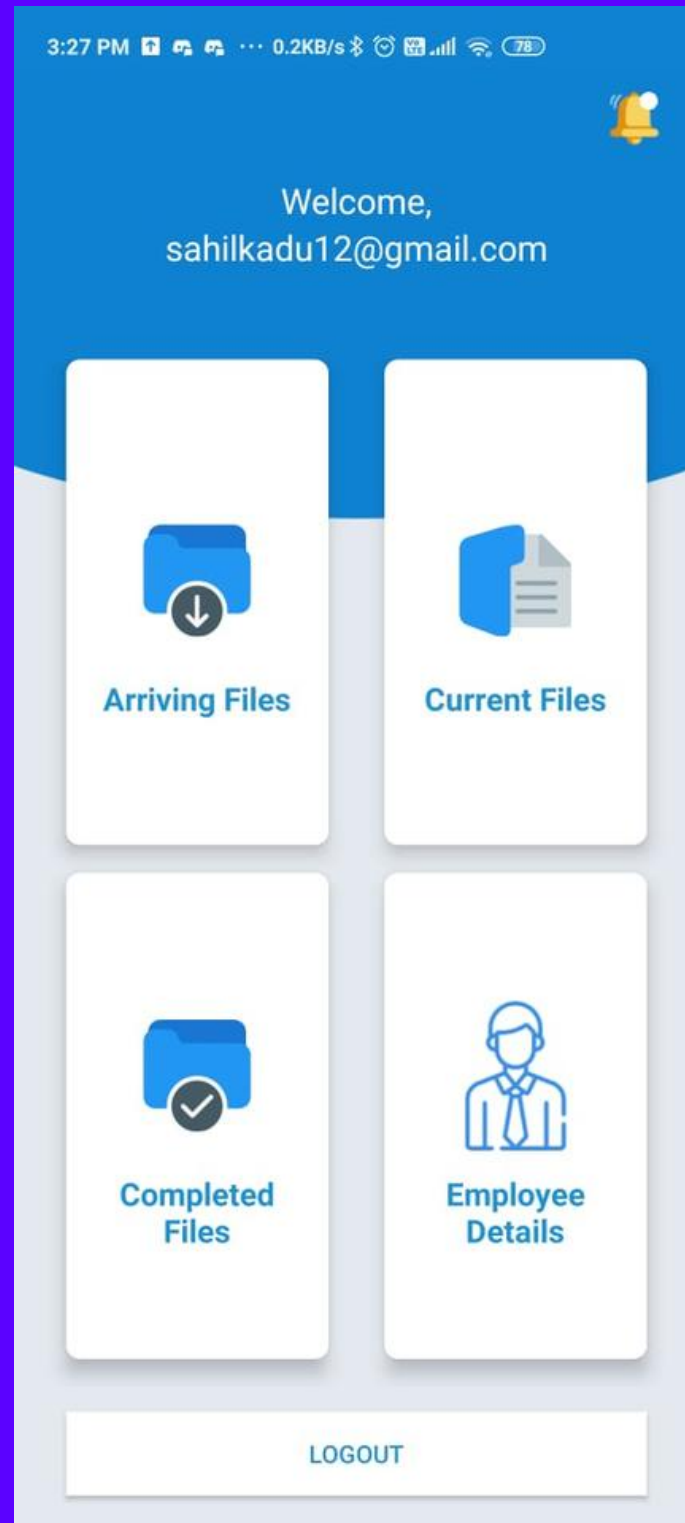
Arrived File

Processing Files

Completed Files

 File ID	 From	 From Department	 Remark	 Arrival Time	 Scan File	 Not Received
PAN1596429156	Barcode Generation Dept	-		Mon, 03 Aug 2020 10:04:58 GMT	Scan File	Send Alert

MOBILE APPLICATION



THANK YOU