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#### **Android Application to Scan QR Code**

- Developed an android application, which shall help in registering different kinds of visitors coming to an Institution.
- Application will take recognized Government id i.e. Aadhaar card as input.
- It will scan the QR given on Aadhaar Card and fetch the details required.
- It will send the data to web server where it will be used to autofill the form.



# Working of Android application

- On click of application icon, the first screen that a user will see while opening the app will be visible
- It stays visible while the app is loading.

1:27 AM

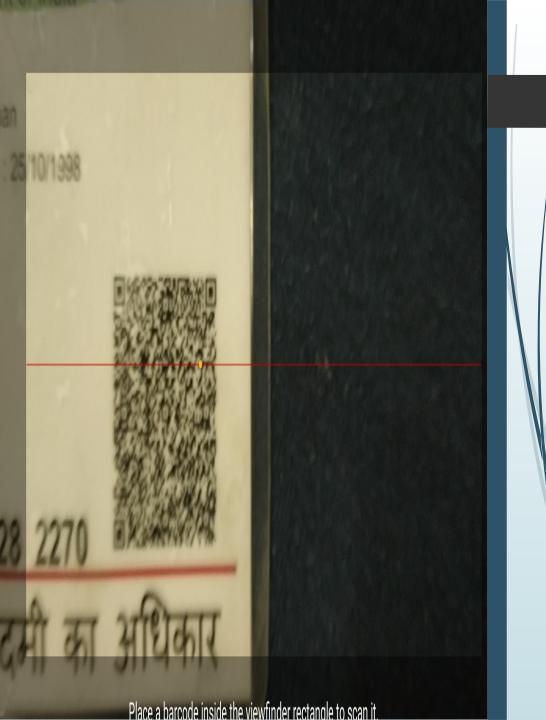


#### Registration

Name name Gender gender UID 0 uid address address Pincode pincode Dob dob URL http://192.168.43.200:8080/ **SUBMIT** 

#### **Registration:**

- This is the main activity in the android application it will show the details fetched from the Aadhaar Card.
- There are seven fields:
- Name
- Gender
- UID
- Address
- Pincode
- DOB
- URL



#### Scan QR:

- On click of the **camera icon**, the QR Scanner will get active.
- By placing Aadhaar Card inside viewfinder rectangle. It will scan the QR and fetch all the required details from Aadhaar card.

1:36 AM



#### Registration

Rohan Gupta

Gender

Name

M

UID

491274582270

•

address

S/O: Rakesh Gupta Rudrapur post office: D

Pincode

244712

Dob

20-11-1998

URL

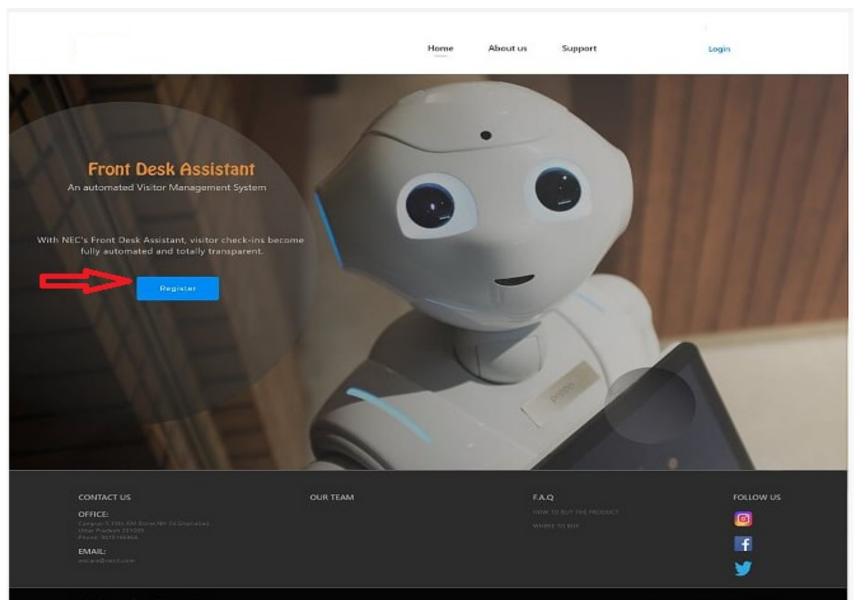
http://192.168.43.246:8000

**SUBMIT** 

#### **Fetching Details:**

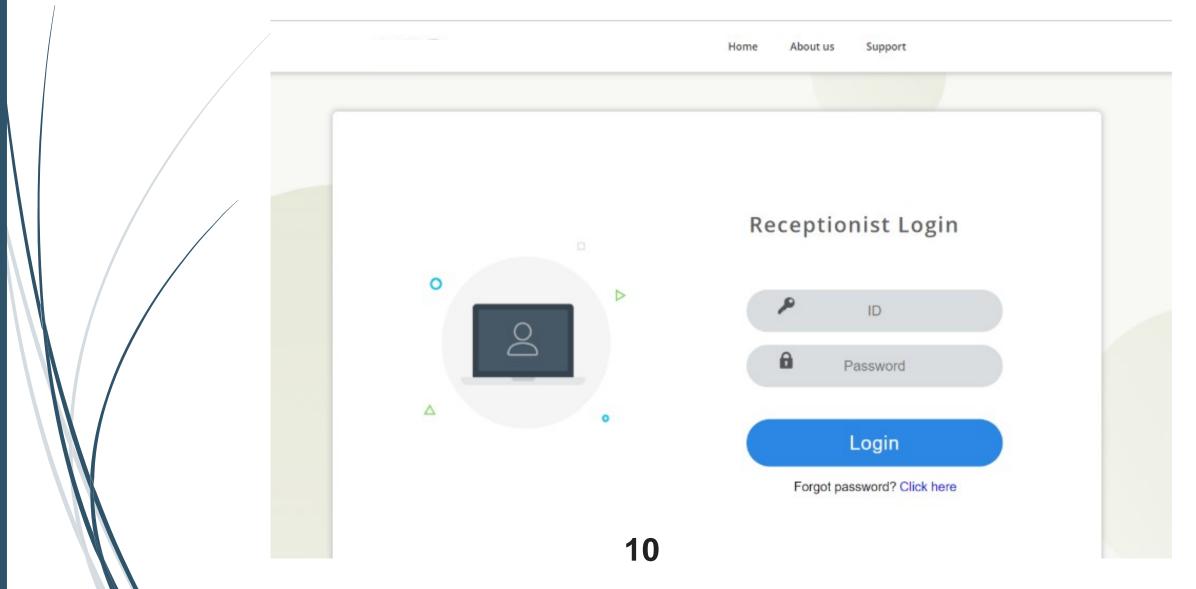
- After fetching details from Aadhaar Card it will send the data in json format to the mentioned server url.
- It will autofill the fields like Name, Gender, UID, Address, Pincode, DOB in the UI.

#### Home Page

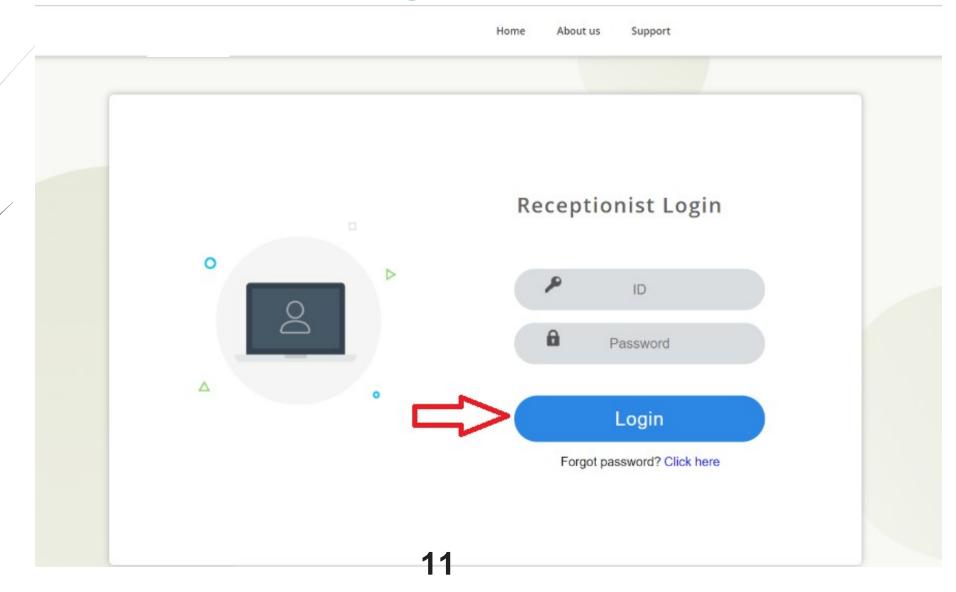


- We have many buttons in the home page for e.g., Register, About us, support, login etc.
- We will discuss them further one by one.
- Firstly, from this home page when we click on Register button, it will direct to receptionist login page.
- Receptionist have to login before doing any registration of any visitor.
- After login receptionist dashboard will appear.

### Receptionist Login



#### Click on the Login Button



### Receptionist Dashboard

Home

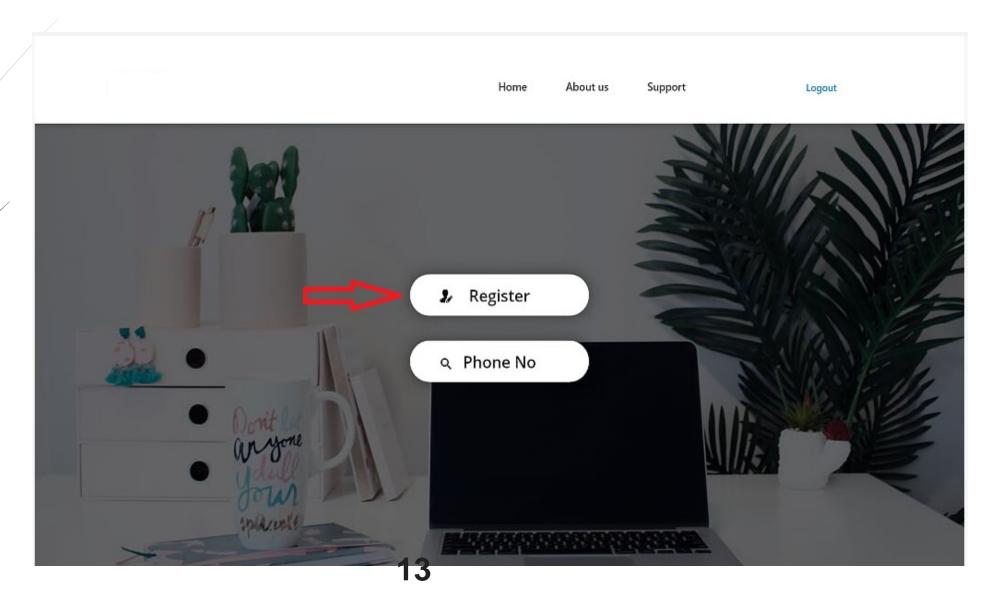
About us

Support

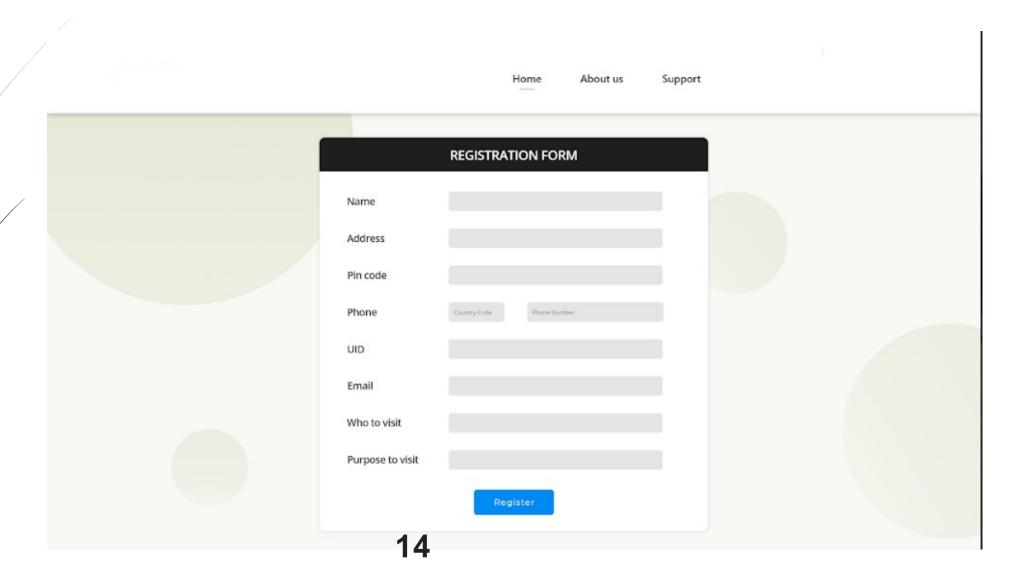
Logout

Register Q Phone No

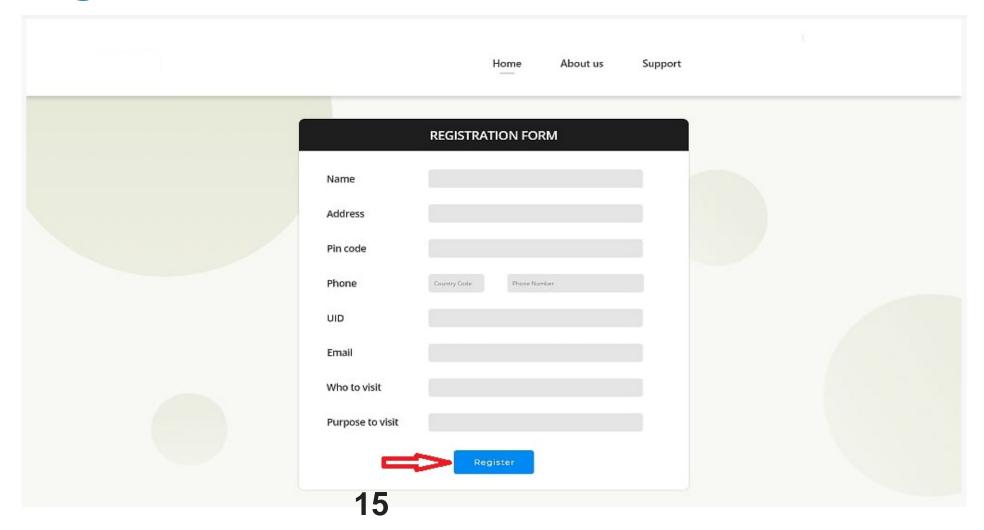
#### Click on Register Button



#### Registration Form (for the new visitor)



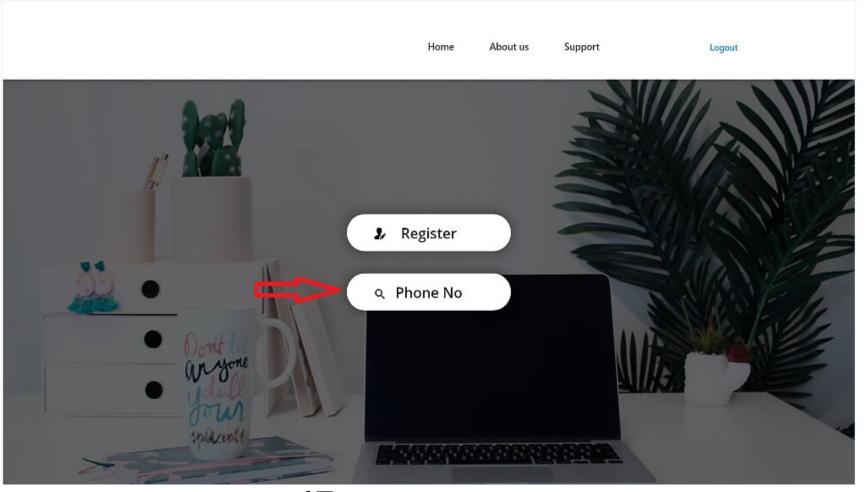
# After all the details are filled click Register



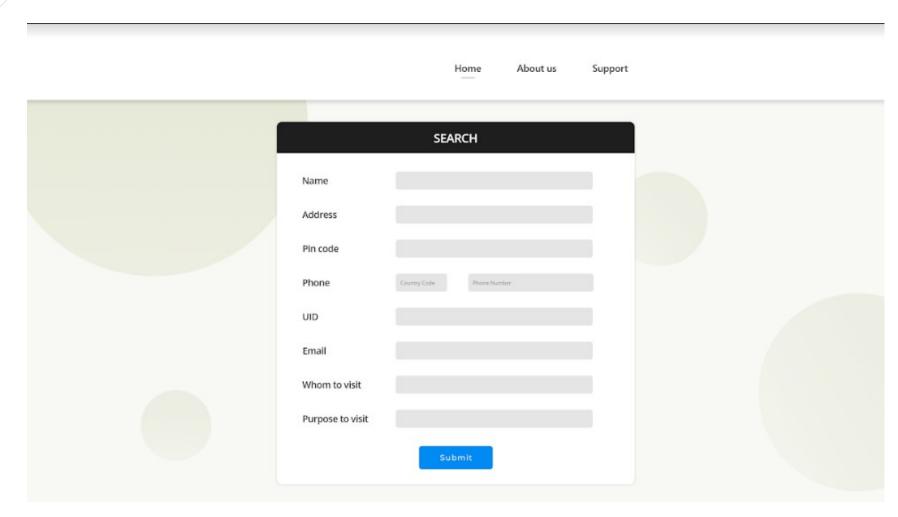
#### Registration Popup



## Click on the phone Number and search old visitor via Phone Number



#### Registration form for Old vistor



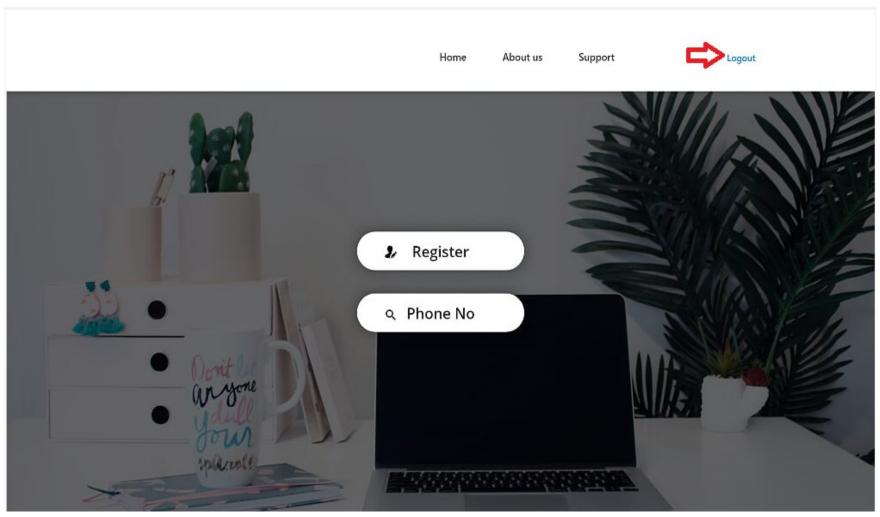
# Click Submit when all the details are filled

Home About us Support —	
SEARCH	
Name	
Address	
Pin code	
Phone Country Code Shane Number	
UID	
Email	
Whom to visit	
Purpose to visit	
Submit	

#### **Cofirmation Popup**

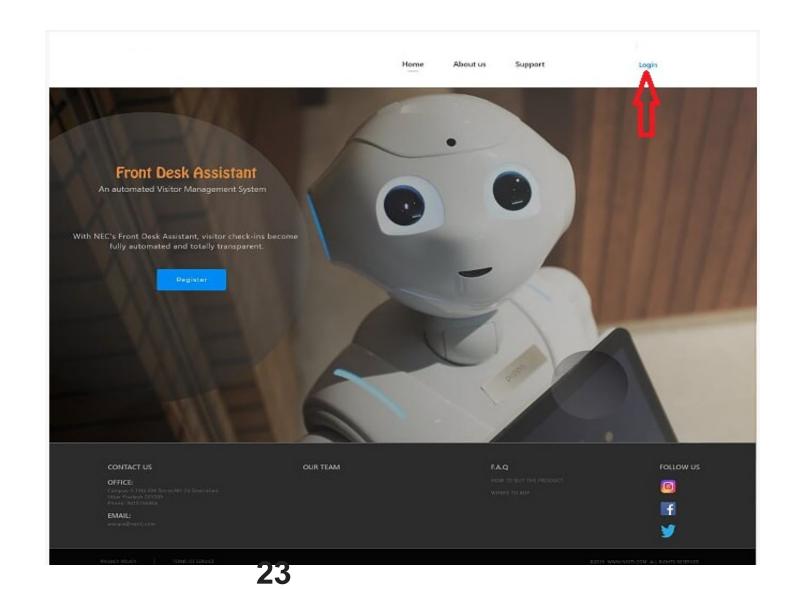


#### Receptionist Logout

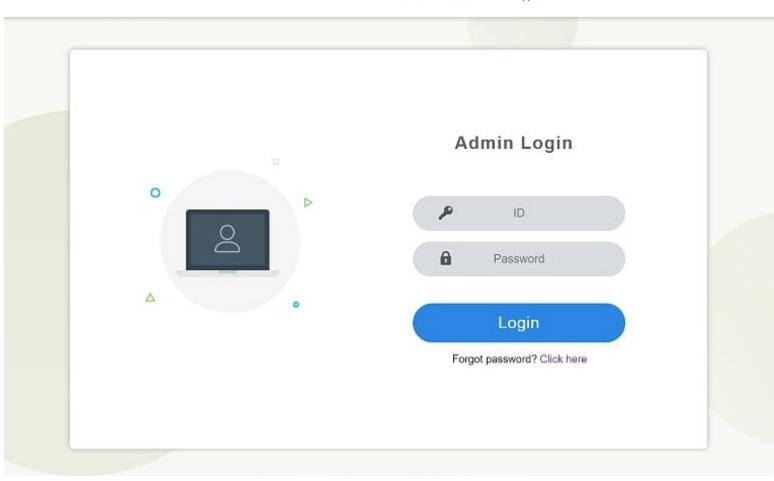


- Receptionist logout will return to the home page.
- Now we will talk about the Login button on the top right corner of the home page.
- This login is for the admin, so it will direct to admin login page.

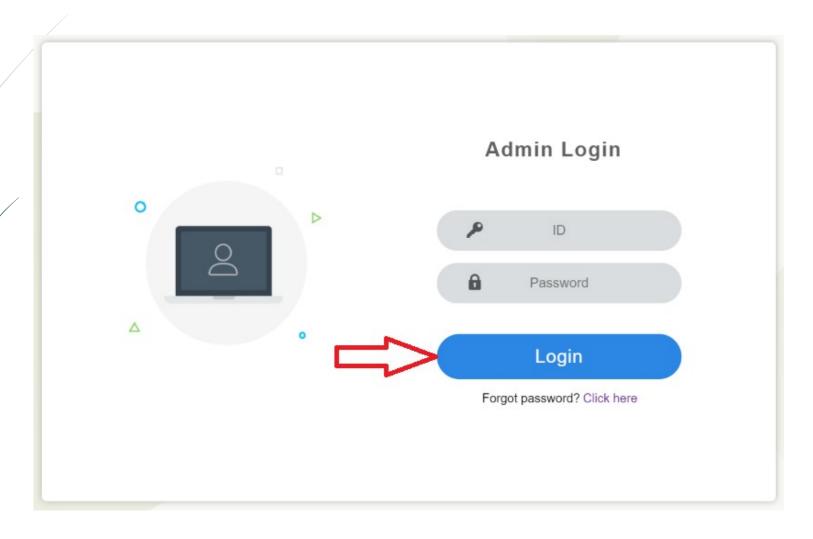
### Click on Login



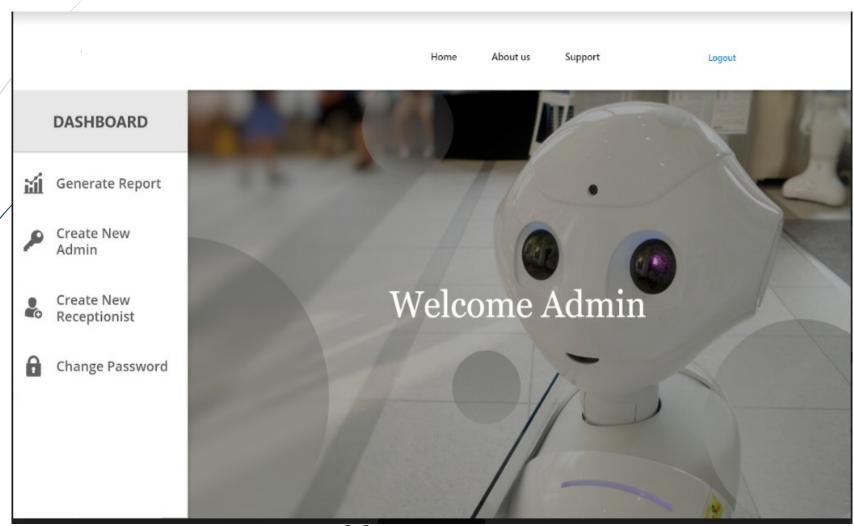
### Admin Login



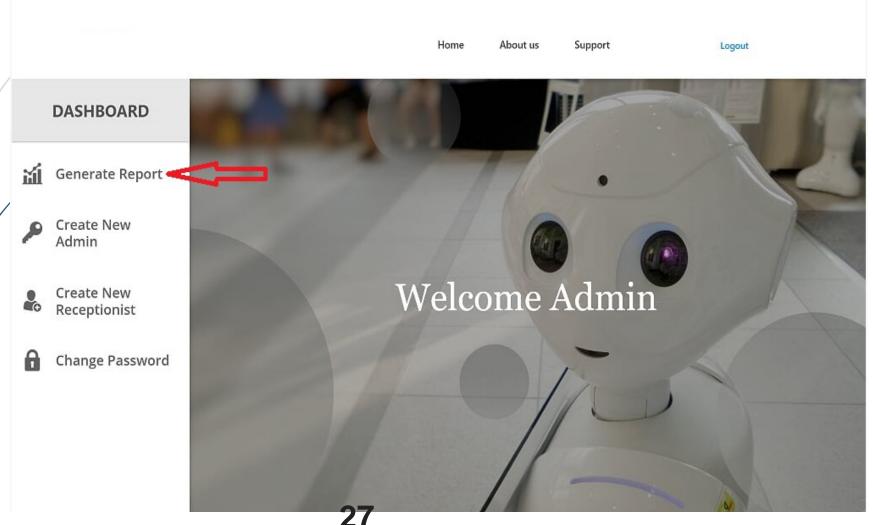
#### Click on the login button



#### Admin Dashboard



For generating reports click on generate report.

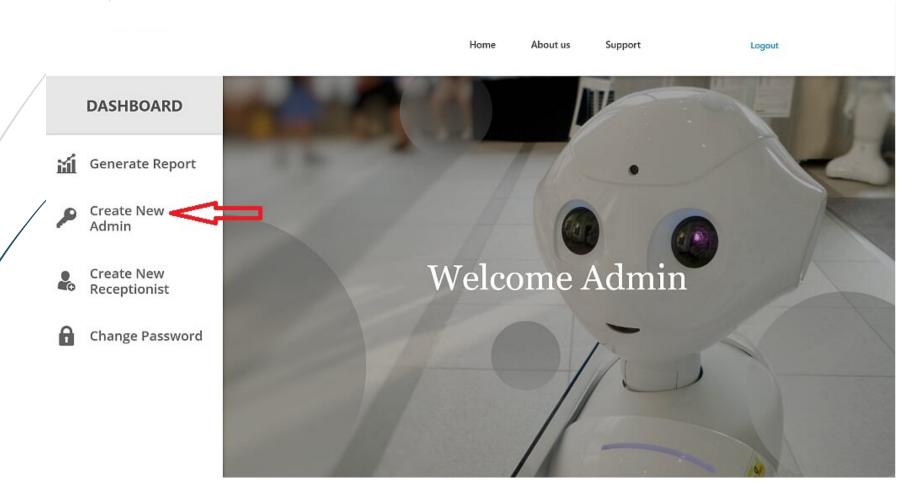


### Generate Report

		Home	About us	Support	
	GENERATE	REPORT			
Name					
Date	dd-mm-yy;	dd-mm-yy;	□ ▼		
No. of visit					
	Generate				

- Reports can be generated by using three entries: Name, Date, Number of visit.
- Name field will search the visitor with particular name.
- Date field will take start date and end date as input and give the report of all visitor from start date to end date.
- Number of visit will search by number of visit.
- We can input either one field or more than one field (it will give the intersection of selected field's reports).
- Click generate to generate report.

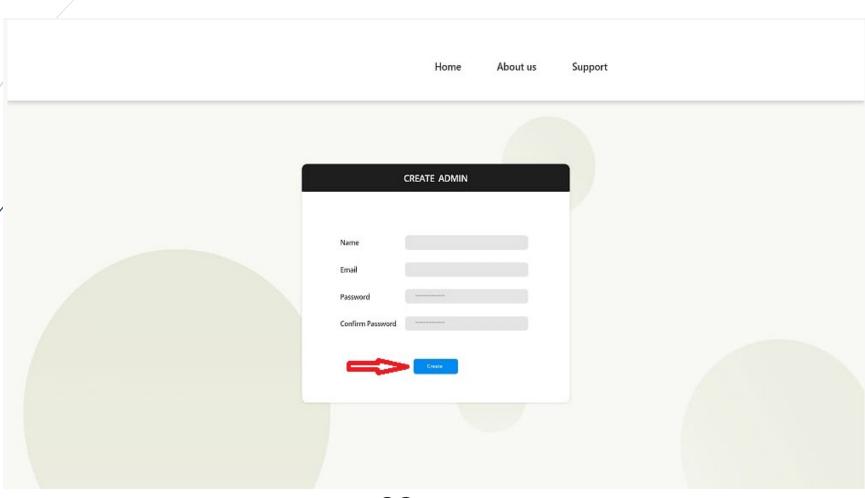
 For creating new admin, click on create new admin.



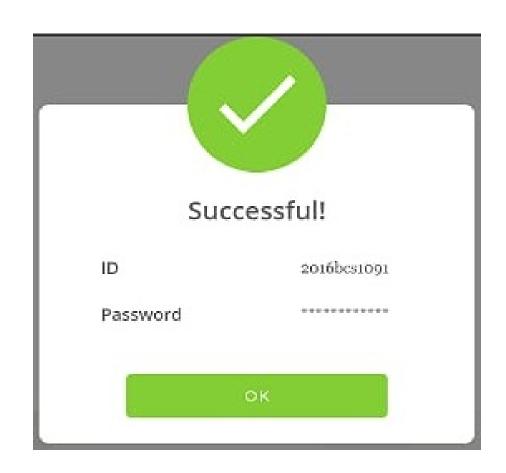
#### **Create Admin**

	Home	About us	Support	
	CREATE ADMIN  Name  Email  Password  Confirm Password			

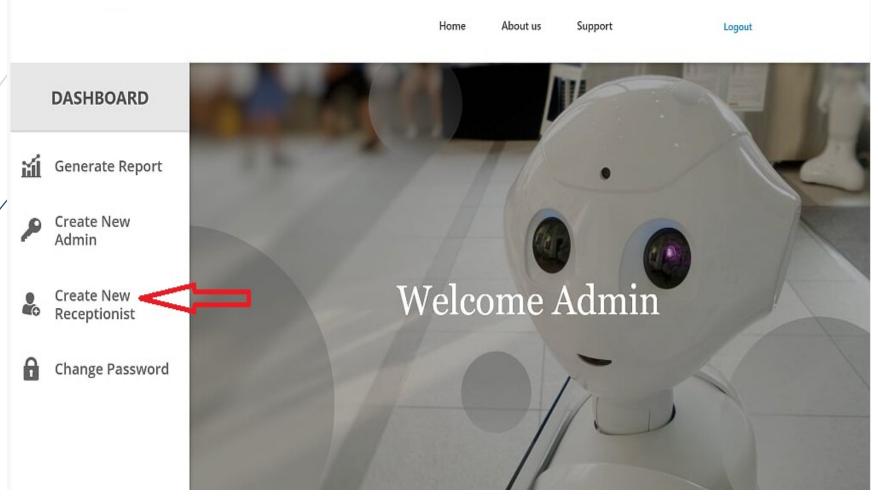
Click Create after filling details



#### **Confirmation Popup**



 For creating new Receptionist, click on create new receptionist.



### Create Receptionist

	Home About us	Support
	CREATE RECEPTIONIST	
	Name Email Password	
	Confirm Password	
	25	

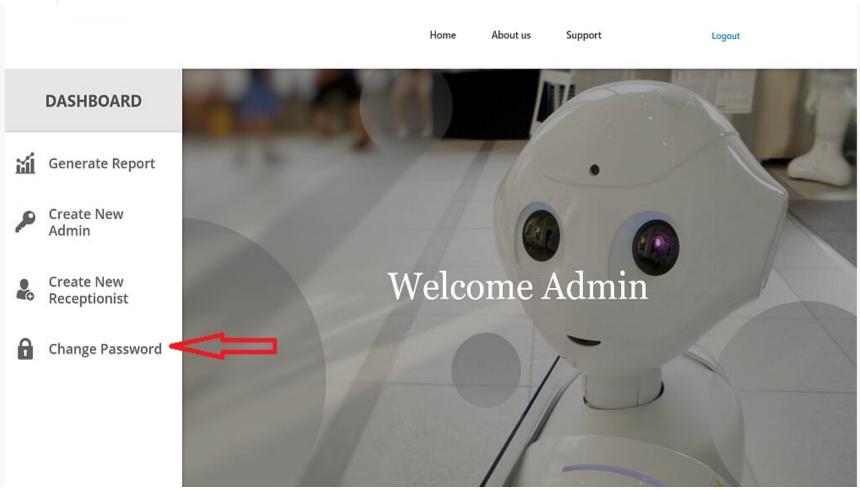
Click create button, after filling the details.

Home Abo	out us Support	
CREATE RECEPTIONIST  Name Email  Password  Confirm Password		

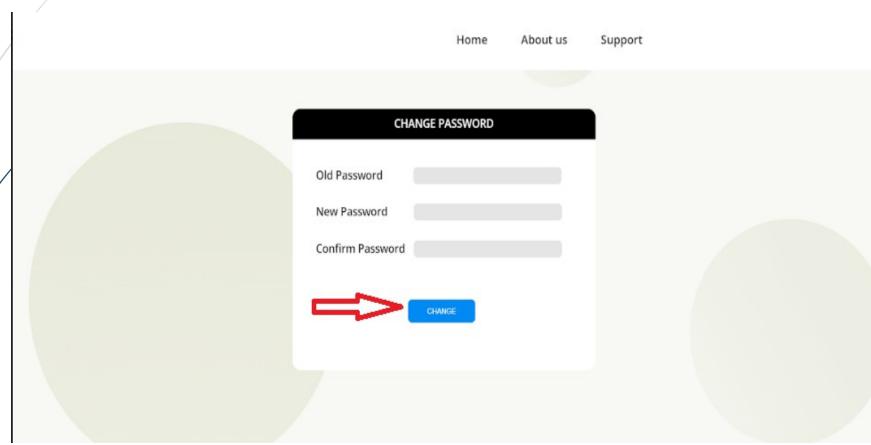
## **Confirmation Popup**



To change password, click on change password.



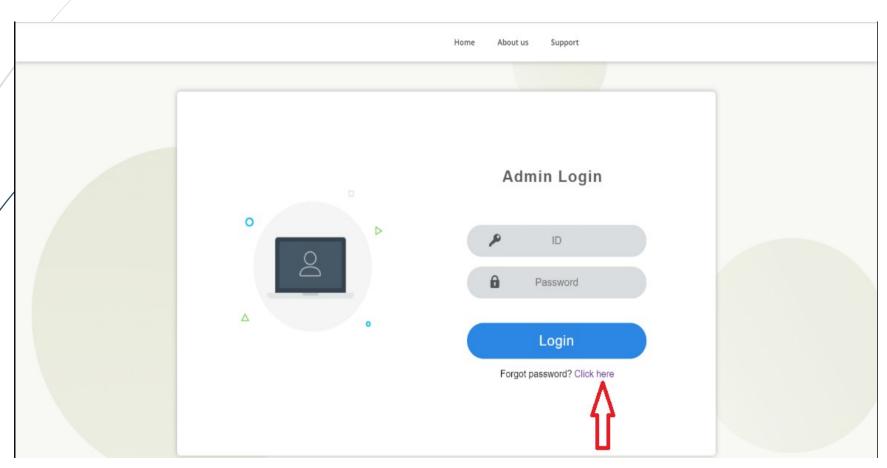
# Change Password



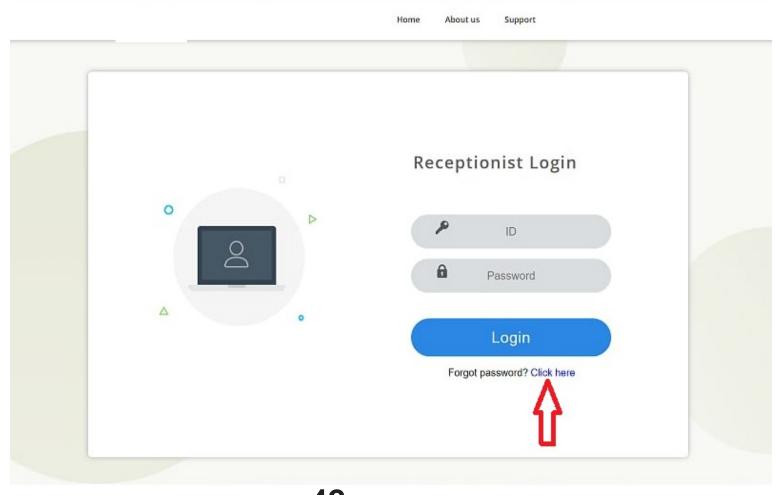
#### Forgot Password

If the admin or the receptionist forgot their password, then the can recover using their email id's which was given at the time of their registration.

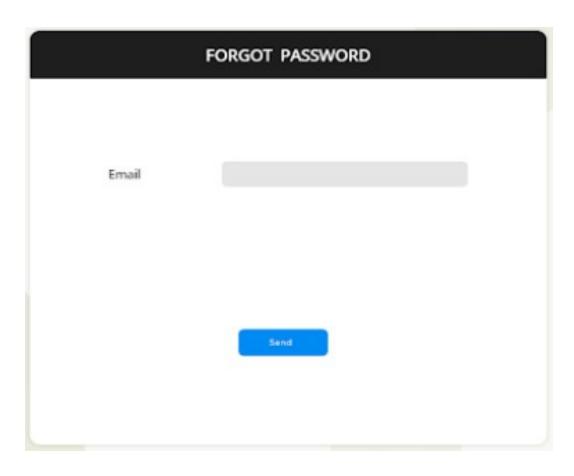
## Forgot password in admin login page



# Forgot password in receptionist login page



## Forgot Password Page



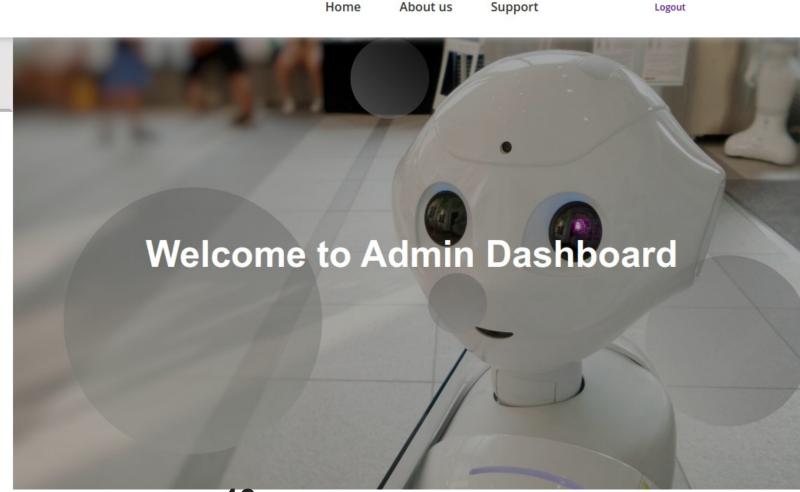
Click on send button to send the email.



#### **Email Sent**



#### Admin Dashboard



**DASHBOARD** 

M

**Generate Report** 



**Create New Admin** 



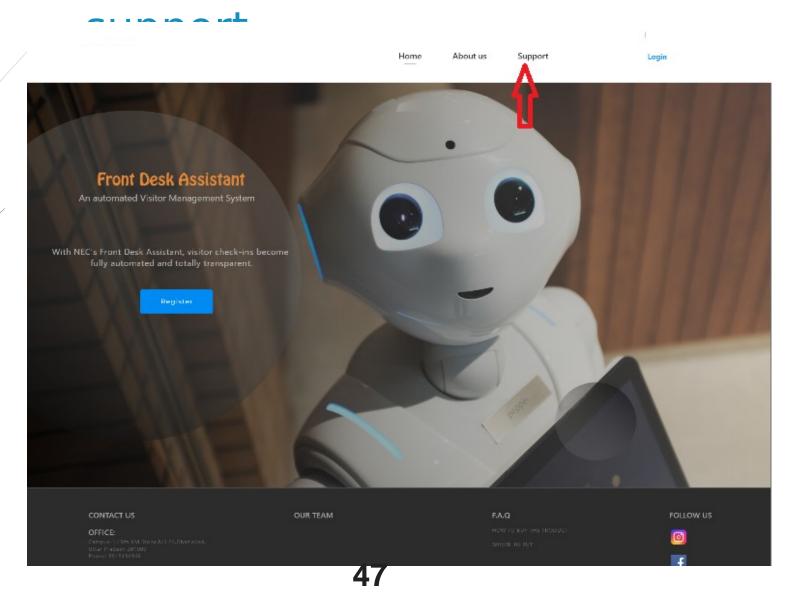
**Create New Receptionist** 



**Change Password** 

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#### Click on Support for any help or



# Thank You