

# INTEGRATING SENDGRID SERVICE

## Sendgrid Integration with Python Code

Team ID	PNT2022TMID53529
Project Name	Customer Care Registry

**Step 1:** Create an account in <https://sendgrid.com>

Step 2: Create an API Key for sending emails.

Step 3: Create a single sender for the account.  
Mention the mail address for sending emails.

Step 4: Make use of the API key in app.py to send messages.

Python code used for integrating sendgrid

app.py

```
from sendgrid import SendGridAPIClient  
from sendgrid.helpers.mail import Mail
```

Step 5: Sending mail using the API

Code used to send a mail to a customer on registering in the application.

app.py

```
message = Mail(  
    from_email='customer.care.registry.ntp@gmail.com',
```

```
to_emails=email ,  
subject='Customer Care Registry - Account Creation',  
html_content='Hello '+username + ',\n\n'+ """"\n\nThank  
you for registering as a customer with Customer Care Registry  
Application. """)
```

```
sg = SendGridAPIClient('<API key>')
```

## Mail sent on new customer registration

