

Integrating SendGrid Service

Date	17 November 2022
Team ID	PNT2022TMID47207
Project Name	Personal Expense Tracker Application

SendGrid Integration:

```
message = Mail(  
    from_email = official_mail,  
    to_emails = email,  
    subject='Registration Successful',  
    html_content='<h1>Hello '+name+', <br>Welcome to Personal Expense Tracker Application (PETA) .<br>Hope we have a great journey ahead.</h1>')  
try:  
    sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))  
    sg.send(message)  
except Exception as e:  
    print(e)
```

<div>Expense Tracker</div> <div>Dashboard</div> <div>Email API</div> <div>Marketing</div> <div>Design Library</div> <div>Stats</div> <div>Activity</div> <div>Suppressions</div> <div>Settings</div> <div>Twilio SMS NEW</div> <div>REPUTATION 88%</div> <div>VIEW ACCOUNT USAGE</div>	<div>Activity Feed</div> <div>Timezone UTC+05:30 - Chennai, Kolkata, Mumbai, New Delhi</div> <div>Export CSV</div>				
	<div>Search emails by:</div> <div>Advanced Search</div>				
	<div>To email address</div> <div>Dates 2022/11/16 - 2022/11/19</div> <div>Clear</div> <div>Search</div>				
	STATUS	MESSAGE	LAST EVENT RECEIVED	OPENS	CLICKS
	Delivered	To: iamprem.2001@gmail.com Expense Limit reached	2022/11/19 1:04am UTC+05:30	1	0
	Delivered	To: iamprem.2001@gmail.com Expense Limit reached	2022/11/19 1:04am UTC+05:30	3	0
	Delivered	To: manigopal2311@gmail.com Registration Successful	2022/11/18 10:05pm UTC+05:30	19	0
	Delivered	To: iamprem.2001@gmail.com Expense Limit reached	2022/11/18 9:45pm UTC+05:30	10	0
	Delivered	To: iamprem.2001@gmail.com Expense Limit reached	2022/11/18 9:45pm UTC+05:30	1	0
	Delivered	To: iamprem.2001@gmail.com Expense Limit reached	2022/11/18 9:45pm UTC+05:30	1	0
	Delivered	To: iamprem.2001@gmail.com Registration Successful	2022/11/18 8:41pm UTC+05:30	5	0

Registration successful mail:

Design Library

Stats

Activity

Suppressions

Settings

Twilio SMS NEW

REPUTATION 88%

VIEW ACCOUNT USAGE

STATUS

MESSAGE

Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: manigopal231@gmail.com Registration Successful
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Registration Successful
Not Delivered	To: prem123@gmail.com Registration Successful
Not Delivered	To: prem123@gmail.com Registration Successful
Not Delivered	To: prem123@gmail.com Expense Limit reached

Email Information

Close

Details

To

iamprem.2001@gmail.com

From

expensetracker0046@gmail.com

Subject

Registration Successful

More Details

Event History

Received by SendGrid

Processed

2022/11/18 5:41pm UTC+05:30

Received by gmail-smtp-in1.google.com

Delivered

2022/11/18 5:41pm UTC+05:30

Received by iamprem.2001@gmail.com

Opened

2022/11/18 5:42pm UTC+05:30

Opened

2022/11/18 7:07pm UTC+05:30

Opened

2022/11/18 7:08pm UTC+05:30

Opened

2022/11/18 8:38pm UTC+05:30

IBM

Registration Successful - iampre

mail.google.com/mail/u/2/?ogbl#inbox/FMfcgZGqRZkmRhX8fQDHzIzqhxDTML

Search mail

Compose

Inbox 1

Starred

Snoozed

Sent

Drafts

More

Labels

Registration Successful

expensetracker0046@gmail.com via sendgrid.net to me

Fri, Nov 18, 5:41 PM (1 day ago)

Hello Prem Kashyap,
Welcome to Personal Expense Tracker Application (PETA) .
Hope we have a great journey ahead.

Reply

Forward

Expense Limit exceeded mail:

Marketing

Design Library

Stats

Activity

Suppressions

Settings

Twilio SMS

REPUTATION 88%

VIEW ACCOUNT USAGE

To email address

2022/11/18 - 2022/11/19

STATUS	MESSAGE
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: manigopal2311@gmail.com Registration Successful
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Expense Limit reached
Delivered	To: iamprem.2001@gmail.com Registration Successful
Not Delivered	To: prem123@gmail.com Registration Successful
Not Delivered	To: prem123@gmail.com Registration Successful

Email Information

Close

Details

To

iamprem.2001@gmail.com

From

expensetracker0046@gmail.com

Subject

Expense Limit reached

More Details

Event History

Received by SendGrid

Processed

2022/11/18 8:33pm UTC+05:30

Received by gmail-smtp-in-l.google.com

Delivered

2022/11/18 10:35pm UTC+05:30

Received by iamprem.2001@gmail.com

Opened

2022/11/18 9:35pm UTC+05:30

Opened

2022/11/18 9:35pm UTC+05:30

Opened

2022/11/19 1:04am UTC+05:30

Expense Limit exceeded - iampre...

mail.google.com/mail/u/2/?ui=2&toggle=inbox/FMfcgGqR2KmRpRLqVXQD5vTwpTvg5C

Compose

Inbox

Starred

Snoozed

Sent

Drafts

More

Labels

Search mail

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Expense Limit reached

expensetracker0046@gmail.com

Monthly expense limit reached. Please use money carefully or increase budget limit.

2

expensetracker0046@gmail.com

Monthly expense limit reached. Please use money carefully or increase budget limit.

expensetracker0046@gmail.com via sendgrid.net

to me

Monthly expense limit reached.

Please use money carefully or increase budget limit.

Reply

Forward

26°C Haze

Search

21:41 19-11-2022