

## Integrating SendGrid Service

Date	17 November 2022
Team ID	PNT2022TMID03865
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)
```

<b>Expense Tracker</b>		<b>Activity Feed</b>		Timezone UTC+05:30 - Chennai, Kolkata, Mumbai, New Delhi		Export CSV
Dashboard		Search emails by:		Advanced Search		
Email API		To email address		Dates: 2022/11/16 - 2022/11/19		
Marketing				Clear Search		
Design Library		STATUS		MESSAGE		LAST EVENT RECEIVED
Stats		Delivered		To: iamprem.2001@gmail.com Expense Limit reached		2022/11/19 1:04am UTC+05:30
Activity		Delivered		To: iamprem.2001@gmail.com Expense Limit reached		2022/11/19 1:04am UTC+05:30
Suppressions		Delivered		To: manigopal231@gmail.com Registration Successful		2022/11/18 10:05pm UTC+05:30
Settings		Delivered		To: iamprem.2001@gmail.com Expense Limit reached		2022/11/18 9:45pm UTC+05:30
Twilio SMS NEW		Delivered		To: iamprem.2001@gmail.com Expense Limit reached		2022/11/18 9:45pm UTC+05:30
REPUTATION 88%		Delivered		To: iamprem.2001@gmail.com Expense Limit reached		2022/11/18 9:45pm UTC+05:30
VIEW ACCOUNT USAGE		Delivered		To: iamprem.2001@gmail.com Expense Limit reached		2022/11/18 9:45pm UTC+05:30
		Delivered		To: iamprem.2001@gmail.com Registration Successful		2022/11/18 8:41pm UTC+05:30

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

Toiamprem.2001@gmail.com

Fromexpensetracker0046@gmail.com

SubjectRegistration Successful

More Details

Event History

Received by SendGrid

Processed2022/11/18 5:41pm UTC+05:30

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

Delivered2022/11/18 5:41pm UTC+05:30

Received by iamprem.2001@gmail.com

Opened2022/11/18 5:42pm UTC+05:30

Opened2022/11/18 7:07pm UTC+05:30

Opened2022/11/18 7:08pm UTC+05:30

Opened2022/11/18 8:38pm UTC+05:30

IBM

Registration Successful - iamprem

mail.google.com/mail/u/2/?ogbl#inbox/FMfcgzGqRZkmRhX8FTQDHZlZqHxDTML

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 NEW

REPUTATION 88%

VIEW ACCOUNT USAGE

To email address

2022/11/16 - 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

IBM

Expense Limit reached - iampre...

mail.google.com/mail/u/2/?ogbl#inbox/FMfcgGqRZkmRpLqNXQDsvfwpTvg5C

Compose

Inbox 1

Starred

Snoozed

Sent

Drafts

More

Labels

Search mail

2 of 162

Expense Limit reached

expensetracker0046@gmail.com

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

Fri, Nov 18, 5:10 PM (1 day ago)

2

expensetracker0046@gmail.com

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

Fri, Nov 18, 9:46 PM (23 hours ago)

expensetracker0046@gmail.com via sendgrid.net

to me

Fri, Nov 18, 10:35 PM (23 hours ago)

Monthly expense limit reached.

Please use money carefully or increase budget limit.

Reply

Forward

26°C Haze

Search

ENG IN

21:41 19-11-2022