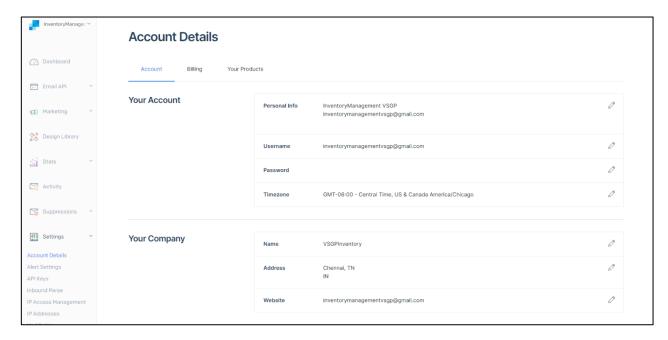
## INTEGRATING SENDGRID SERVICE

Team ID	PNT2022TMID22388
Project Name	Inventory Management System for Retailers

## 1. Create an account on SendGrid:

After entering the website, click on the start for free button and you will be redirected to the registration page. Enter the email and password to create an account.



## 2. Create an API key

After we have successfully created our account, the next step is to create an API key so that we can use it in our python code to communicate with our account.



## 3. Integrating SendGrid using python code:

```
import smtplib
import os
from dotenv import load_dotenv
from email.mime.multipart import MIMEMultipart
from email.mime.text import MIMEText
from email.mime.base import MIMEBase
def alert(main_msg):
   mail from =
   mail to =
   msg = MIMEMultipart()
   msg['From'] = mail from
   msg['To'] = mail to
   msg['Subject'] = '!Alert Mail On Product Shortage! - Regards'
   mail_body = main_msg
   msg.attach(MIMEText(mail_body))
   print(msg)
   try:
      server = smtplib.SMTP_SSL('smtp.sendgrid.net', 465)
      server.ehlo()
      server.login('apikey',os.environ.get('SENDGRID_API_KEY'))
      server.sendmail(mail_from, mail_to, msg.as_string())
      server.close()
      print("Mail sent successfully!")
   except:
      print("Some Issue, Mail not Sent :(")
```