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1  import smtplib
2
3  from config import email_config
4  import ssl
5  from Logger import Logging
6
7  logger_obj = Logging('Advance Image Downloader') # Creating a custom based logger
8  logger_obj.initialize_logger() # Instantiating the logger object
9
10
11 class SendEmail:
12
13     def __init__(self):
14         """
15         This function will instantiate the Email object
16         """
17         try:
18             self.email = email_config.email
19             self.password = email_config.password
20         except Exception as e:
21             logger_obj.print_log('(Email.py(__init__)) - Something went wrong ' + str(e), '
exception')
22             raise Exception(e)
23
24     def send_notification(self, reciever_email, message):
25         """
26         This function will be responsible for sending email to the requested user
27         :param reciever_email: Email address of the reciever
28         :param message : Email message that has to be sent to the user
29         """
30         server = None
31         try:
32             smtp_server = 'smtp.gmail.com'
33             port = 587
34             context = ssl.create_default_context()
35
36             server = smtplib.SMTP(smtp_server, port)
37             server.starttls(context=context)
38             server.login(self.email, self.password)
39             logger_obj.print_log('Server login is successful now sending the email...', 'info')
40             server.sendmail(self.email, reciever_email, message + '\n')
41             logger_obj.print_log('Email sending successful', 'info')
42
43         except Exception as e:
44             logger_obj.print_log('(send_notification.py(__init__)) - Something went wrong ' + str(
e), 'exception')
45             raise Exception(e)
46
47         finally:
48             if server:
49                 server.close()
50

```