

Sprint 2

Team ID	PNT2022TMID04279
Project Name	Personal Expense Tracker Application

As a user, I will receive confirmation email once I have registered for the application

1. Include the script:

```
<script src="https://smtpjs.com/v3/smtp.js">  
</script>
```

2. Send an email using:

```
Email.send({  
  Host : "smtp.elasticemail.com",  
  Username : "username",  
  Password : "password",  
  To : 'them@website.com',  
  From : "you@isp.com",  
  Subject : "This is the subject",  
  Body : "And this is the body"  
}).then(  
  message => alert(message)  
);
```

(or)

```
app1.py  
import socket  
socket.getaddrinfo('localhost', 465)  
from flask import Flask,request,url_for
```

```
from flask_mail import Mail,Message
from itsdangerous import URLSafeTimedSerializer,SignatureExpired
```

```
app=Flask(__name__)
app.config.from_pyfile('config.cfg')
```

```
mail=Mail(app)
```

```
s=URLSafeTimedSerializer('Thisisasecret!')
```

```
@app.route('/',methods=['GET','POST'])
```

```
def index():
```

```
    if request.method == 'GET':
```

```
        return '<form action="/" method="POST"><input
name="email"><input type="submit"></form>'
```

```
    email=request.form['email']
```

```
    token=s.dumps(email,salt='email-confirm')
```

```
    msg=Message('confirm email',sender="", recipients=[email])
```

```
    link=url_for('confirm_email',token=token,external=True)
```

```
    msg.body='Your link is {}'.format(link)
```

```
mail.send(msg)
```

```
    return '<h1>The email you entered is {}'.format(email,token)
    {}</h1>'.format(email,token)
```

```
@app.route('/confirm_email/<token>')
```

```
def confirm_email(token):
```

```
    try:
```

```
        email=s.loads(token,salt='email-confirm',max_age=10)
```

```
    except SignatureExpired:
```

```
        return '<h1>The token is expired!</h1>'
```

```
    return '<h1>The token works!</h1>'
```

```
if __name__=='__main__':
```

```
    app.run(debug=True)
```

```
//congig.cfg
```

```
MAIL_SERVER='IMAP'
```

```
MAIL_USERNAME=' '
```

```
MAIL_PASSWORD=' '
```

```
MAIL_PORT=2525
```

```
MAIL_USE_SSL=True
```

```
MAIL_USE_TLS=False
```