PROJECT DEVELOPMENT PHASE

SPRINT - 4

Date	18 NOVEMBER 2022
Team ID	PNT2022TMID31320
Project Name	PERSON EXPENSE TRACKER APPLICATION
Maximum Marks	8 Marks

app.py

```python
from flask import Flask, render_template, request, redirect, session

import ibm_db
import re
import smtplib
from email.mime.multipart import MIMEMultipart
from email.mime.text import MIMEText
from email.mime.base import MIMEBase

app = Flask(__name__)

app.secret_key = 'a'

conn=ibm_db.connect('')

#HOME--PAGE
@app.route('/home')
def home():
return render_template('homepage.html')

@app.route('/')
def add():
return render_template('home.html')


#SIGN--UP--OR--REGISTER


@app.route('/signup')
def signup():
```

```python
    return render_template('signup.html')


@app.route('/register', methods =['GET', 'POST'])
def register():
msg = ''
if request.method == 'POST' :
username = request.form['username']
email = request.form['email']
password = request.form['password']


sql = 'SELECT * FROM REGISTER WHERE USERNAME =?'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,username)
ibm_db.execute(stmt)
account = ibm_db.fetch_assoc(stmt)
print(account)

if account:
msg = 'Account already exists !'
elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):
msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', username):
msg = 'name must contain only characters and numbers !'
else:
sql1='INSERT INTO REGISTER(USERNAME,PASSWORD,EMAIL) VALUES( ?,?,?)'
stmt1 = ibm_db.prepare(conn, sql1)
ibm_db.bind_param(stmt1,1,username)
ibm_db.bind_param(stmt1,2,password)
ibm_db.bind_param(stmt1,3,email)
ibm_db.execute(stmt1)
msg = 'You have successfully registered !'
return render_template('signup.html', msg = msg)

#LOGIN--PAGE
@app.route('/signin')
def signin():
return render_template('login.html')
@app.route('/login',methods =['GET', 'POST'])
def login():
```

```python
global userid
msg = ''
if request.method == 'POST' :

    username = request.form['username']
    password = request.form['password']
    sql = 'SELECT * FROM REGISTER WHERE USERNAME =? AND PASSWORD =?'
    stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(stmt,1,username)
    ibm_db.bind_param(stmt,2,password)
    ibm_db.execute(stmt)
    account = ibm_db.fetch_assoc(stmt)
    print(account)
    if account:
    session['loggedin'] = True
    session['id'] = account['ID']
    userid= account['ID']
    session['username'] = account['USERNAME']
    session['email']=account['EMAIL']
    return redirect('/home')
    else:
    msg = 'Incorrect username / password !'
    return render_template('login.html', msg = msg)
```

```python
#ADDING----DATA
```

```python
@app.route('/add')
def adding():
return render_template('add.html')
```

```python
@app.route('/addexpense',methods=['GET', 'POST'])
def addexpense():
date = request.form['date']
```

```python
expensename = request.form['expensename']
amount = request.form['amount']
paymode = request.form['paymode']
category = request.form['category']
time=request.form['time']
```

```python
sql = 'INSERT INTO
EXPENSES(USERID,DATE,EXPENSENAME,AMOUNT,PAYMENTMODE,CATEGORY,TIME)
VALUES(?,?,?,?,?,?,?)'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.bind_param(stmt,2,date)
ibm_db.bind_param(stmt,3,expensename)
ibm_db.bind_param(stmt,4,amount)
ibm_db.bind_param(stmt,5,paymode)
ibm_db.bind_param(stmt,6,category)
ibm_db.bind_param(stmt,7,time)
ibm_db.execute(stmt)
print(date + ' ' + expensename + ' ' + amount + ' ' + paymode + ' ' + category)
```

```python
sql1 = 'SELECT * FROM EXPENSES WHERE USERID=? AND
MONTH(date)=MONTH(DATE(NOW()))'
stmt1 = ibm_db.prepare(conn, sql1)
ibm_db.bind_param(stmt1,1,session['id'])
ibm_db.execute(stmt1)
list2=[]
expense1 = ibm_db.fetch_tuple(stmt1)
while(expense1):
list2.append(expense1)
expense1 = ibm_db.fetch_tuple(stmt1)
total=0
for x in list2:
total += x[4]
```

```python
sql2 = 'SELECT EXPLIMIT FROM LIMITS ORDER BY LIMITS.ID DESC LIMIT 1'
stmt2 = ibm_db.prepare(conn, sql2)
ibm_db.execute(stmt2)
limit=ibm_db.fetch_tuple(stmt2)
```

```python
if(total|limit[0]):
mail_from = '19i304@psgtech.ac.in'
```

```python
mail_to = session['email']

msg = MIMEMultipart()
msg['From'] = mail_from
msg['To'] = mail_to
msg['Subject'] = 'Expense Alert Limit'
mail_body = '''
Dear User, You have exceeded the specified monthly expense Limit!!!!

'''
msg.attach(MIMEText(mail_body))

try:
    server = smtplib.SMTP_SSL('smtp.sendgrid.net', 465)
    server.ehlo()
    server.login('apikey',
    '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')
    server.sendmail(mail_from, mail_to, msg.as_string())
    server.close()
    print('mail sent')
except:
    print('issue')

return redirect('/display')


#DISPLAY---graph

@app.route('/display')
def display():
    print(session['username'],session['id'])
    sql = 'SELECT * FROM EXPENSES WHERE USERID=?'
    stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(stmt,1,session['id'])
    ibm_db.execute(stmt)
    list1=[]
    row = ibm_db.fetch_tuple(stmt)
    while(row):
        list1.append(row)
        row = ibm_db.fetch_tuple(stmt)
```

```python
print(list1)
```

```python
total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in list1:
total += x[4]
if x[6] == 'food':
t_food += x[4]
elif x[6] == 'entertainment':
t_entertainment += x[4]
elif x[6] == 'business':
t_business += x[4]
elif x[6] == 'rent':
t_rent += x[4]
elif x[6] == 'EMI':
t_EMI += x[4]
elif x[6] == 'other':
t_other += x[4]
```

```python
return render_template('display.html' ,expense = list1 ,total = total ,
t_food = t_food,t_entertainment = t_entertainment,
t_business = t_business, t_rent = t_rent,
t_EMI = t_EMI, t_other = t_other)
```

```python
#delete---the--data
```

```python
@app.route('/delete/<string:id|', methods = ['POST', 'GET' ])
def delete(id):
print(id)
sql = 'DELETE FROM expenses WHERE id = ?'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,id)
ibm_db.execute(stmt)
return redirect('/display')
```

```python
#UPDATE---DATA

@app.route('/edit/<id|', methods = ['POST', 'GET' ])
def edit(id):

sql = 'SELECT * FROM expenses WHERE id =?'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,id)
ibm_db.execute(stmt)
row=ibm_db.fetch_tuple(stmt)
print(row)
return render_template('edit.html', expenses = row)




@app.route('/update/<id|', methods = ['POST'])
def update(id):
if request.method == 'POST' :
date = request.form['date']
expensename = request.form['expensename']
amount = request.form['amount']
paymode = request.form['paymode']
category = request.form['category']
time=request.form['time']

sql = 'UPDATE expenses SET date =? , expensename =? , amount =?, paymentmode =?,
category =?, time=? WHERE expenses.id =? '
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,date)
ibm_db.bind_param(stmt,2,expensename)
ibm_db.bind_param(stmt,3,amount)
ibm_db.bind_param(stmt,4,paymode)
ibm_db.bind_param(stmt,5,category)
ibm_db.bind_param(stmt,6,time)
ibm_db.bind_param(stmt,7,id)
ibm_db.execute(stmt)

print('successfully updated')
return redirect('/display' )

#limit
```

```python
@app.route('/limit' )
def limit():
return redirect('/limitn')
```

```python
@app.route('/limitnum' , methods = ['POST' ])
def limitnum():
if request.method == 'POST':
number= request.form['number']
```

```python
sql = 'INSERT INTO LIMITS(USERID,EXPLIMIT) VALUES( ?,?)'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.bind_param(stmt,2,number)
ibm_db.execute(stmt)
return redirect('/limitn')
@app.route('/limitn' )
def limitn():
```

```python
sql = 'SELECT EXPLIMIT FROM LIMITS ORDER BY LIMITS.ID DESC LIMIT 1'
stmt = ibm_db.prepare(conn, sql)
ibm_db.execute(stmt)
row=ibm_db.fetch_tuple(stmt)
return render_template('limit.html' , y= row)
```

```python
#REPORT
```

```python
@app.route('/today' )
def today():
sql = 'SELECT * FROM expenses WHERE userid =? AND date = DATE(NOW())'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.execute(stmt)
list2=[]
texpense=ibm_db.fetch_tuple(stmt)
print(texpense)
```

```python
sql = 'SELECT * FROM EXPENSES WHERE USERID=? AND DATE(date) = DATE(NOW())'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.execute(stmt)
list1=[]
expense = ibm_db.fetch_tuple(stmt)
```

```python
while(expense):
    list1.append(expense)
    expense = ibm_db.fetch_tuple(stmt)
total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in list1:
    total += x[4]
    if x[6] == 'food':
        t_food += x[4]
    elif x[6] == 'entertainment':
        t_entertainment += x[4]
    elif x[6] == 'business':
        t_business += x[4]
    elif x[6] == 'rent':
        t_rent += x[4]
    elif x[6] == 'EMI':
        t_EMI += x[4]
    elif x[6] == 'other':
        t_other += x[4]
```

```python
return render_template('today.html', texpense = list1, expense = expense, total = total ,
t_food = t_food,t_entertainment = t_entertainment,
t_business = t_business, t_rent = t_rent,
t_EMI = t_EMI, t_other = t_other )
```

```python
@app.route('/month')
def month():
```

```python
sql = 'SELECT MONTHNAME(DATE),SUM(AMOUNT) FROM EXPENSES WHERE
USERID=? GROUP BY MONTHNAME(DATE)'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.execute(stmt)
list2=[]
texpense = ibm_db.fetch_tuple(stmt)
```

```python
while(texpense):
    list2.append(texpense)
    texpense = ibm_db.fetch_tuple(stmt)
print(list2)
```

```python
sql = 'SELECT * FROM EXPENSES WHERE USERID=? AND
MONTH(date)=MONTH(DATE(NOW()))'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.execute(stmt)
list1=[]
expense = ibm_db.fetch_tuple(stmt)
while(expense):
    list1.append(expense)
    expense = ibm_db.fetch_tuple(stmt)
total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in list1:
    total += x[4]
    if x[6] == 'food':
        t_food += x[4]
    elif x[6] == 'entertainment':
        t_entertainment += x[4]
    elif x[6] == 'business':
        t_business += x[4]
    elif x[6] == 'rent':
        t_rent += x[4]
    elif x[6] == 'EMI':
        t_EMI += x[4]
    elif x[6] == 'other':
        t_other += x[4]
print(total)
print(t_food)
print(t_entertainment)
print(t_business)
```

```python
print(t_rent)
print(t_EMI)
print(t_other)
```

```python
return render_template('month.html', texpense = list2, expense = expense, total = total ,
t_food = t_food,t_entertainment = t_entertainment,
t_business = t_business, t_rent = t_rent,
t_EMI = t_EMI, t_other = t_other )
@app.route('/year')
def year():
sql = 'SELECT YEAR(DATE),SUM(AMOUNT) FROM EXPENSES WHERE USERID=?
GROUP BY YEAR(DATE)'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.execute(stmt)
list2=[]
texpense = ibm_db.fetch_tuple(stmt)
while(texpense):
list2.append(texpense)
texpense = ibm_db.fetch_tuple(stmt)
print(list2)
```

```python
sql = 'SELECT * FROM EXPENSES WHERE USERID=? AND
YEAR(date)=YEAR(DATE(NOW()))'
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,session['id'])
ibm_db.execute(stmt)
list1=[]
expense = ibm_db.fetch_tuple(stmt)
while(expense):
list1.append(expense)
expense = ibm_db.fetch_tuple(stmt)
total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_
```

```python
t_other=0
for x in list1:
total += x[4]
if x[6] == 'food':
t_food += x[4]
elif x[6] == 'entertainment':
t_entertainment += x[4]
elif x[6] == 'business':
t_business += x[4]
elif x[6] == 'rent':
t_rent += x[4]
elif x[6] == 'EMI':
t_EMI += x[4]
elif x[6] == 'other':
t_other += x[4]
print(total)
print(t_food)
print(t_entertainment)
print(t_business)
print(t_rent)
print(t_EMI)
print(t_other)
```

```python
return render_template('year.html', texpense = list2, expense = expense, total = total ,
t_food = t_food,t_entertainment = t_entertainment,
t_business = t_business, t_rent = t_rent,
t_EMI = t_EMI, t_other = t_other )
```

```python
#log-out
```

```python
@app.route('/logout')
```

```python
def logout():
session.pop('loggedin', None)
session.pop('id', None)
session.pop('username', None)
session.pop('email',None)
return render_template('home.html')
if __name__ == '__main__':
app.run(debug=True)
```

Dockerfile

```
FROM python

WORKDIR /python-expense
COPY requirements.txt requirements.txt
RUN pip install -r requirements.txt
COPY . .
EXPOSE 8080
CMD ['python', '-m', 'flask', 'run', '--host=0.0.0.0']
```

add.html

```
{% extends 'base.html' %}

{% block body %}
<style>
body{
font-family: 'Poppins', sans-serif;
overflow: hidden;
}
</style>
<div class='container'>
<div class='row'>
<div class='col-md-6'>
<h3>Add Expense</h3>
<form action='/addexpense' method='POST'>
<div class='form-group'>
<label for=''>Date</label>
<input class='form-control' type='date' name='date' id='date'></div>
<div class='form-group'>
<label for=''>Time</label>
<input class='form-control' type='time' name='time' id='time'></div>
<div class='form-group'> <label for=''>Expense name</label>
<input class='form-control' type='text' name='expensename' id='expensename'>
</div>
<div class='form-group'>
<label for=''>Expense Amount</label>
<input class='form-control' type='number' min='0' name='amount' id='amount'>
```

```html
</div>

<div class='form-group'>
<label for=''></label>
<select class='form-control' name='paymode' id='paymode'>
<option selected hidden>Pay-Mode</option>
<option name='cash' value='cash'>cash</option>
<option name='debitcard' value='debitcard'>debitcard</option>
<option name='creditcard' value='creditcard'>creditcard</option>
<option name='epayment' value='epayment'>epayment</option>
<option name='onlinebanking' value='onlinebanking'>onlinebanking</option>
</select>

<div class='form-group'>
<label for=''></label>
<select class='form-control' name='category' id='category'>

<option selected hidden>Category</option>
<option name = 'food' value='food'>food</option>
<option name = 'entertainment' value='entertainment'>Entertainment</option>
<option name = 'business' value='business'>Business</option>
<option name ='rent' value='rent'>Rent</option>
<option name = 'EMI' value='EMI'>EMI</option>
<option name = 'other' value='other'>other</option>
</select>
</div>

<input class='btn btn-danger' type='submit' value='Add' id=''>
</form>
<div style='position: relative; left: 590px; top: -460px;' class='imagge'>
<img width='90%' height='90%' src='../static/images/addd.jpg' class='rounded
float-left' alt='...'>

</div>
</div>
</div>
</div>
{% endblock %}
```

base.html

```html
<!DOCTYPE html>
<html lang='en'>
<head>
<link rel='stylesheet'
href='https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css'
integrity='sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2' crossorigin='anonymous'>
<script src='https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js'></script>
<script src='https://code.jquery.com/jquery-3.5.1.slim.min.js'
integrity='sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj' crossorigin='anonymous'></script>

<script src='https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js'
integrity='sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN' crossorigin='anonymous'></script>

<script src='https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js'
integrity='sha384-B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPlYxofvL8/KUEfYiJOMMV+rV' crossorigin='anonymous'></script>

<link rel='stylesheet' href='https://pro.fontawesome.com/releases/v5.10.0/css/all.css'
integrity='sha384-AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p' crossorigin='anonymous'/>
<title>Document</title>
</head>
<body>
<nav class='navbar sticky-top navbar-expand-lg navbar-light' style='background-color: #e3f2fd;'>
<a class='navbar-brand' href='#'>MyBudget</a>
<button class='navbar-toggler' type='button' data-toggle='collapse'
data-target='#navbarSupportedContent' aria-controls='navbarSupportedContent'
aria-expanded='false' aria-label='Toggle navigation'>
<span class='navbar-toggler-icon'></span>
</button>
<div class='collapse navbar-collapse' id='navbarSupportedContent'>
<ul class='navbar-nav mr-auto'>
<li class='nav-item active'>
<a class='nav-link' href='/home'>Home <span class='sr-only'>(current)</span></a>
</li>
<li class='nav-item'>
```

```html
<a class='nav-link' href='/add' >Add</a>
</li>
<li class='nav-item' >
<a class='nav-link' href='/display' >History</a>
</li>
<li class='nav-item' >
<a class='nav-link' href='/limit' >LIMIT</a>
</li>
<li class='nav-item dropdown' >
<a class='nav-link dropdown-toggle' href='#' id='navbarDropdown' role='button'
data-toggle='dropdown' aria-haspopup='true' aria-expanded='false' >
Report
</a>
<div class='dropdown-menu' aria-labelledby='navbarDropdown' >
<a class='dropdown-item' href='/today' >TODAY</a>
<a class='dropdown-item' href='/month' >Month</a>
<a class='dropdown-item' href='/year' >Year</a>
</div>
</li>
<li class='nav-item' >
<a class='nav-link' href='/logout' >Logout</a>
</li>
</ul>
</div>
</nav>
{% block body %}
{% endblock %}
</body>
</html>
```

display.html

```html
{% extends 'base.html' %}
{% block body %}
```

```html
<div class='container ' >
```

```html
<h3 class='mt-3'>EXPENSES</h3>
```

```html
{% if expense is defined %}
{% for row in expense %}
<div class='row'>
<div class='col-md-12'>
<div class='card shadow-sm mb-2 bg-white rounded'></div>
<div class='card-body'>
<div class='row'>
<div class='col-md-2'>
<span class='btn btn-outline-dark'>{{row[2]}}</span> </div>
<div class='col-md-2 mt-3'><H6>{{row[3]}}</H6></div>
<div class='col-md-2 mt-3' > ₹<span style=' color: rgb(255, 0, 0) '> {{row[4]}} </div>
<div class='col-md-2 mt-3'>
<span class='badge badge-pill badge-info'>{{row[5]}}</span>
</div>
```

```html
<div class='col-md-2 mt-3'>
<span class='badge badge-primary'>{{row[6]}}</span>
</div>
<div class='col-md-1 mt-3'>
<a href='/edit/{{row[0]}} ' class='btn btn-sm btn-success'>Edit</a>
</div>
```

```html
<div class='col-md-1 mt-3'>
<a href='/delete/{{row[0]}}' class='btn btn-sm btnDelete btn-success'>Delete</a>
</div>
</div>
</div>
```

```html
</div>
</div>
<!--when no DATA-Found-->
{% else %}
<div class='card shadow-sm mb-2 bg-white rounded'></div>
<div class='card-body'>
<div style='text-align: center ; font-family: monospace; color:red ; '><h5><a href='/add'>
ADD-DATA </a> to Display</h3></div>
<img width=60% src='../static/images/not-found.png'>
```

```
        </div>

{% endfor %}
{% endif %}
<div class='row'>
<div class='col-md-6'>
<h3 class='mt-5'>Expense Breakdown</h3>

<div class='card shadow mb-2 bg-white rounded-bottom'>
<div class='card-body '>
<div class='row'>
<div class='col-md-6'>Food</div>
<div id='tfood' class='col-md-6'> {{t_food }} </div>
</div>
</div>
</div>

<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Entertainment</div>
<div id='tentertainment' class='col-md-6'> {{ t_entertainment}} </div>
</div>
</div>
</div>

<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Business</div>
<div id='tbusiness' class='col-md-6'> {{t_business}} </div>
</div>
</div>
</div>

<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Rent</div>
```

```html
<div id='trent' class='col-md-6'> {{ t_rent }} </div>
</div>
</div>
</div>
```

```html
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>EMI</div>
<div id='temi' class='col-md-6'>{{ t_EMI }} </div>
</div>
</div>
</div>
```

```html
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Other</div>
<div id='tother' class='col-md-6'> {{ t_other}}</div>
</div>
</div>
</div>
```

```html
<div class='card shadow mb-2 btn-outline-danger rounded-pill'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Total</div>
<div class='col-md-6'>₹ {{total}} </div>
</div>
</div>
</div>
```

```html
</div>
<div class='col-md-6'>
<canvas id='myChart' width='400' height='400'></canvas>
<script>
let food = document.getElementById('tfood').innerHTML
let entertainment = document.getElementById('tentertainment').innerHTML
let business = document.getElementById('tbusiness').innerHTML
```

```
let rent = document.getElementById('trent').innerHTML
let emi = document.getElementById('temi').innerHTML
let other = document.getElementById('tother').innerHTML
var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
type: 'doughnut',
data: {
labels: ['Food', 'Entertainment', 'Business', 'Rent', 'EMI', 'Other'],
datasets: [{
label: 'Expenses Chart',
data: [food, entertainment, business, rent, emi, other],
backgroundColor: [
'rgb(255, 99, 132)',
'rgb(0, 0, 0)',
'rgb(255, 205, 86)',
'rgb(201, 203, 207)',
'rgb(54, 162, 235)',
'rgb(215, 159, 64)'
],
}]
},
options: {
responsive: true,
plugins: {
legend: {
position: 'bottom',
},
title: {
display: true,
text: 'EXPENSE BREAKDOWN'
}
}
}
});
```

```
</script>
</div>
</div>
```

```
</div>
{% endblock %}
```

edit.html

```
{% extends 'base.html' %}

{% block body %}
<div class='container'>
<div class='row'>
<div class='col-md-6'>
<h3>Edit Expense</h3>
<form action='/update/{{expenses[0]}}' method='POST'>
```

```
<input type='hidden' class='form-control' name='' value = '{{expenses[0]}}' id=''>
<div class='form-group'>
<label for=''>Date</label>
<input class='form-control' type='date' name='date' value='{{expenses[2]}}'
id='date'></div>
```

```
<div class='form-group'>
<label for=''>Time</label>
<input class='form-control' type='time' name='time' value='{{expenses[7]}}'
id='time'></div>
```

```
<!--<script type='text/javascript'>
var d = new Date(value='{{expenses[2]}}' );
var elem = document.getElementById('date');
elem.value = d.toISOString().slice(0,16);
</script>-->
```

```
<div class='form-group'> <label for=''>Expense name</label>
<input class='form-control' type='text' name='expensename' value='{{expenses[3]}}'
id='expensename'>
</div>
<div class='form-group'>
<label for=''>Expense Amount</label>
```

```html
<input class='form-control' type='number' min='0' name='amount'
value='{{expenses[4]}}' id='amount'
</div>
```

```html
<div class='form-group'
<label for=''</label>
<select class='form-control' name='paymode' value='{{expenses[5]}}' id='paymode'
<option selected hidden{{expenses[5]}}</option>
<option value='cash'cash</option>
<option value='debitcard'debitcard</option>
<option value='creditcard'creditcard</option>
<option value='epayment'epayment</option>
<option value='onlinebanking'onlinebanking</option>
</select>
<div class='form-group'
<label for=''</label>
<select class='form-control' name='category' value='{{expenses[6]}}' id='category'
```

```html
<option selected hidden{{expenses[6]}}</option>
<option value='food'food</option>
<option value='entertainment'Entertainment</option>
<option value='business 'Business</option>
<option value='rent'Rent</option>
<option value='EMI'EMI</option>
<option value='other'other</option>
</select>
</div>
```

```html
<input class='btn btn-danger' type='submit' value='Update' id=''
</form>
</div>
</div>
</div>
{% endblock %}
```

home.html

```html
<!DOCTYPE html
<html lang='en'
<head
<meta charset='UTF-8' /
```

```html
<meta name='viewport' content='width=device-width, initial-scale=1.0' />

<link rel='stylesheet' href='..\static\css\home.css' />
<title>My Website</title>
</head>

<body>
<!-- Header -->
<section id='header'>
<div class='header container'>
<div class='nav-bar'>
<div class='brand'>
<a href='#hero'>
<h1><span>M</span>y <span>B</span>udget</h1>
</a>
</div>
<div class='nav-list'>
<div class='hamburger'>
<div class='bar'></div>
</div>
<ul>
<li><a href='#hero' data-after='Home'>Home</a></li>
<li>
<a href='#services' data-after='Service'>
Services</a>
>
</li>
<li>
<a href='/signin' data-after='Login'>-Login-</a>
</li>
</ul>
</div>
</div>
</div>
</section>
<!-- End Header -->

<!-- Hero Section -->
<section id='hero'>
<div class='hero container'>
```

```html
<div|
<h1|Hello, <span|</span|</h1|
<h1|Welcome To <span|</span|</h1|
<h1|Expense Tracker Web application <span|</span|</h1|
<a href='/signup' type='button' class='cta'|Sign-up</a|
</div|
</div|
</section|
<!-- End Hero Section --|
```

```html
<script src='..\static\js\home.js'|</script|
</body|
</html|
```

homepage.html

```html
{% extends 'base.html' %}

{% block body %}
```

```html
<style|
```

```css
body{
font-family: 'Poppins', sans-serif;
overflow: hidden;
}
```

```css
H1 {
position: relative;
right: -790PX;
top: -400PX;
color:rgb(43, 198, 143);


}
```

```css
p{
position: relative;
right: -800px;
top: -350px;
}
```

```css
span{
position: relative;
right: -800px;
top: -360px;
}
```

```css
.ccc {
position: relative;
top:80px;
left:-100px;
}
```

```html
</style>
<div id=aa class='container'>
<div class='ccc'>
<img
src='https://img.freepik.com/free-vector/mobile-expense-management-abstract-concept-
vector-illustration-charges-control-system-satelite-devices-checking-mobile-network-en
terprise-economy-manage-telephony-costs-abstract-metaphor_335657-2906.jpg?w=60
0'>
<h1>LET START JOURNEY</h1>
</div>
<br>
<br>
<span class='btn btn-outline-dark'><a href='/add'>Let's Begin</a></span>
</div>
```

```
{% endblock %}
```

limit.html

```
{% extends 'base.html' %}

{% block body %}
```

```html
<p> Currently your MONTHLY limit is ₹ {{y}} </p>
<style>
body{
font-family: 'Poppins', sans-serif;
overflow: hidden;
}
```

```
</style>

<form action='/limitnum' method='POST'>

<p> ENTER the MONTHLY LIMIT to avoid over EXPENSES</p> <br/>
<input type='number' name='number' required/> <span>
<button class='btn btn-warning' type='submit'>ENTER</button>
</span>


</form>
{% endblock %}
```

login.html

```
<!DOCTYPE html>
<html>
<head>
<title>Login Form</title>
<link rel='stylesheet' type='text/css' href='..\static\css\login.css'>
<link href='https://fonts.googleapis.com/css?family=Poppins:600&display=swap'
rel='stylesheet'>
<script src='https://kit.fontawesome.com/a81368914c.js'></script>
<meta name='viewport' content='width=device-width, initial-scale=1'>
</head>
<body>
<img class='wave' src='..\static\images\wave.png'>
<div class='container'>
<div class='img'>
<div id='png'><a href='/' title='HOME'><img style='width:75px; height:75px ;'
src='..\static\images\home-page.png'></a></div>
<img src='..\static\images\bg.svg'>
</div>
<div class='login-content'>
<form action='/login' method='POST'>
<div class='msg'>{{ msg }}</div>
<img src='..\static\images\avatar.svg'>
<h2 class='title'>Login</h2>
<div class='input-div one'>
```

```html
<div class='i'>
<i class='fas fa-user'></i>
</div>
<div class='div'>
<h5>Username</h5>
<input type='text' name='username' class='input' required>
</div>
</div>
<div class='input-div pass'>
<div class='i'>
<i class='fas fa-lock'></i>
</div>
<div class='div'>
<h5>Password</h5>
<input type='password' name='password' class='input' required>
</div>
</div>
<a href='#'>Forgot Password?</a>
<input type='submit' class='btn' value='Login'>
<a href='/signup' class='btn' style='text-decoration: none; padding-top: 15px; font-size:
12px; transition: none;'><center>I don't have an account</center></a>
</form>

</div>
</div>
<script type='text/javascript' src='..\static\js\login.js'></script>
</body>
</html>
```

month.html

```html
{% extends 'base.html' %}

{% block body %}
<div class='container'>
<style>
body{
font-family: 'Poppins', sans-serif;
```

```
overflow: hidden;
}
</style>
<div class='row'>
<div class='col-md-5'>
<h3 class='mt-5'>MONTH Expense Breakdown</h3>
<div class='card shadow mb-2 bg-white rounded-pill'>
<div class='card-body '>
<div class='row'>
<div class='col-md-6'> MONTH </div>
<div class='col-md-6'> AMOUNT </div>
</div>
</div>
</div>
{% for row in texpense %}
<div class='card shadow mb-2 bg-white rounded-bottom'>
<div class='card-body '>
<div class='row'>
<div id ='ttime' class='col-md-6'>{{row[0]}}</div>
<div id='tamount' class='col-md-6'>{{row[1] }}</div>
</div>
</div>
</div>
{% endfor %}
</div>
</div>
<section>
```

```
<div class='row'>
<div class='col-md-6'>
<h3 class='mt-5'>Expense Breakdown BY Category: CURRENT MONTH</h3>
<div class='card shadow mb-2 bg-white rounded-bottom'>
<div class='card-body '>
<div class='row'>
<div class='col-md-6'>Food</div>
<div id='tfood' class='col-md-6'> {{ t_food}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
```

```html
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Entertainment</div>
<div id='tentertainment' class='col-md-6'> {{ t_entertainment}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Business</div>
<div id='tbusiness' class='col-md-6'> {{t_business}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Rent</div>
<div id='trent' class='col-md-6'> {{ t_rent }} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>EMI</div>
<div id='temi' class='col-md-6'>{{ t_EMI }} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Other</div>
<div id='tother' class='col-md-6'> {{ t_other}}</div>
</div>
</div>
</div>
<div class='card shadow mb-2 btn-outline-danger rounded-pill'>
```

```html
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Total</div>
<div class='col-md-6'>₹ {{total}} </div>
</div>
</div>
</div>
</div>
<div class='col-md-6'>
<canvas id='myChart' width='400' height='400'></canvas>
<script>
let food = document.getElementById('tfood').innerHTML
let entertainment = document.getElementById('tentertainment').innerHTML
let business = document.getElementById('tbusiness').innerHTML
let rent = document.getElementById('trent').innerHTML
let emi = document.getElementById('temi').innerHTML
let other = document.getElementById('tother').innerHTML
var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
type: 'doughnut',
data: {
labels: ['Food', 'Entertainment', 'Business', 'Rent', 'EMI', 'Other'],
datasets: [{
label: 'Expenses Chart',
data: [food, entertainment, business, rent, emi, other],
backgroundColor: [
'rgb(255, 99, 132)',
'rgb(0, 0, 0)',
'rgb(255, 205, 86)',
'rgb(201, 203, 207)',
'rgb(54, 162, 235)',
'rgb(215, 159, 64)'
],
}]
},
options: {
responsive: true,
plugins: {
legend: {
position: 'bottom',
```

```
        },
        title: {
            display: true,
            text: 'EXPENSE BREAKDOWN'
        }
    }
});
</script>
</div>
</div>
</div>
```

```
</section>
```

```
</div>
```

```
{% endblock %}
```

signup.html

```
<!DOCTYPE html>
<html>
<head>
<title>Register</title>
<link rel='stylesheet' type='text/css' href='..\static\css\login.css'>
<link href='https://fonts.googleapis.com/css?family=Poppins:600&display=swap'
rel='stylesheet'>
<script src='https://kit.fontawesome.com/a81368914c.js'></script>
<meta name='viewport' content='width=device-width, initial-scale=1'>
</head>
<body>
<img class='wave' src='..\static\images\wave.png'>
<div class='container'>
<div class='img'>
<div id='png'><a href='/' title='HOME'><img style='width:75px; height:75px ; '
src='..\static\images\home-page.png'></a></div>
<img src='..\static\images\bg.svg'>
```

```html
</div>
<div class='login-content'>
<form action='/register' method='POST'>
<div class='msg'>{{ msg }}</div>
<img src='..\static\images\avatar.svg'>
<h2 class='title'>Register</h2>
<div class='input-div one'>
<div class='i'>
<i class='fas fa-user'></i>
</div>
<div class='div'>
<h5>Username</h5>
<input type='text' name='username' class='input' required>
</div>
</div>
<div class='input-div one'>
<div class='i'>
<i class='fas fa-user'></i>
</div>
<div class='div'>
<h5>E-Mail</h5>
<input type='email' name='email' class='input' required>
</div>
</div>
<div class='input-div pass'>
<div class='i'>
<i class='fas fa-lock'></i>
</div>
<div class='div'>
<h5>Password</h5>
<input type='password' name='password' class='input' required>
</div>
</div>
<input type='submit' class='btn' value='Create Account'>
<a href='/signin' class='btn' style='text-decoration: none; padding-top: 15px; font-size:
12px; transition: none;'><center>I Already have an account</center></a>
</br>
</br>
</form>
</div>
```

```
</div>
<script type='text/javascript' src='..\static\js\login.js'></script>
</body>
</html>
```

today.html

```
{% extends 'base.html' %}

{% block body %}
<div class='container '>
<style>
body{
font-family: 'Poppins', sans-serif;
overflow: hidden;
}
</style>
<div class='row'>
<div class='col-md-5'>
<h3 class='mt-5'>Today Expense Breakdown</h3>
```

```
<div class='card shadow mb-2 bg-white rounded-pill'>
<div class='card-body '>
<div class='row'>
<div class='col-md-6'>TIME</div>
<div class='col-md-6'> AMOUNT </div>
</div>
</div>
</div>
{% for row in texpense %}
<div class='card shadow mb-2 bg-white rounded-bottom'>
<div class='card-body '>
<div class='row'>
<div id ='ttime' class='col-md-6'>{{row [7]}}</div>
<div id='tamount' class='col-md-6'> {{row[4] }} </div>
</div>
</div>
</div>
```

```
{% endfor %}
</div>
</div>
<section>
```

```html
<div class='row'>
<div class='col-md-6'>
<h3 class='mt-5'>Expense Breakdown BY Category</h3>
<div class='card shadow mb-2 bg-white rounded-bottom'>
<div class='card-body '>
<div class='row'>
<div class='col-md-6'>Food</div>
<div id='tfood' class='col-md-6'> {{ t_food}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Entertainment</div>
<div id='tentertainment' class='col-md-6'> {{ t_entertainment}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Business</div>
<div id='tbusiness' class='col-md-6'> {{t_business}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Rent</div>
<div id='trent' class='col-md-6'> {{ t_rent }} </div>
</div>
</div>
</div>
```

```html
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>EMI</div>
<div id='temi' class='col-md-6'>{{ t_EMI }} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Other</div>
<div id='tother' class='col-md-6'> {{ t_other}}</div>
</div>
</div>
</div>
<div class='card shadow mb-2 btn-outline-danger rounded-pill'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Total</div>
<div class='col-md-6'>₹ {{total}} </div>
</div>
</div>
</div>
</div>
<div class='col-md-6'>
<canvas id='myChart' width='400' height='400'></canvas>
<script>
let food = document.getElementById('tfood').innerHTML
let entertainment = document.getElementById('tentertainment').innerHTML
let business = document.getElementById('tbusiness').innerHTML
let rent = document.getElementById('trent').innerHTML
let emi = document.getElementById('temi').innerHTML
let other = document.getElementById('tother').innerHTML
var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
type: 'doughnut',
data: {
labels: ['Food', 'Entertainment', 'Business', 'Rent', 'EMI', 'Other'],
datasets: [{
```

```
label: 'Expenses Chart',
data: [food, entertainment, business, rent, emi, other],
backgroundColor: [
'rgb(255, 99, 132)',
'rgb(0, 0, 0)',
'rgb(255, 205, 86)',
'rgb(201, 203, 207)',
'rgb(54, 162, 235)',
'rgb(215, 159, 64)'
],
}]
},
options: {
responsive: true,
plugins: {
legend: {
position: 'bottom',
},
title: {
display: true,
text: 'EXPENSE BREAKDOWN'
}
}
}
});
</script>
</div>
</div>
</div>
</section>
</div>
{% endblock %}
```

year.html

```
{% extends 'base.html' %}

{% block body %}
<div class='container '>
<style>
```

```css
body{
font-family: 'Poppins', sans-serif;
overflow: hidden;
}
</style>
```

```html
<div class='row'>
<div class='col-md-5'>
<h3 class='mt-5'>YEAR Expense Breakdown</h3>
```

```html
<div class='card shadow mb-2 bg-white rounded-pill'>
<div class='card-body '>
<div class='row'>
<div value = 'month' class='col-md-6'>YEAR </div>
<div class='col-md-6'> AMOUNT </div>
</div>
</div>
</div>
{% for row in texpense %}
<div class='card shadow mb-2 bg-white rounded-bottom'>
<div class='card-body '>
<div class='row'>
<div id ='ttime' class='col-md-6'>{{row [0]}}</div>
<div id='tamount' class='col-md-6'> {{row[1] }} </div>
</div>
</div>
</div>
{% endfor %}
</div>
</div>
<section>
```

```html
<div class='row'>
<div class='col-md-6'>
<h3 class='mt-5'>Expense Breakdown BY Category: CURRENT YEAR</h3>
<div class='card shadow mb-2 bg-white rounded-bottom'>
<div class='card-body '>
<div class='row'>
<div class='col-md-6'>Food</div>
<div id='tfood' class='col-md-6'> {{ t_food}} </div>
```

```html
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Entertainment</div>
<div id='tentertainment' class='col-md-6'> {{ t_entertainment}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Business</div>
<div id='tbusiness' class='col-md-6'> {{t_business}} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Rent</div>
<div id='trent' class='col-md-6'> {{ t_rent }} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>EMI</div>
<div id='temi' class='col-md-6'>{{ t_EMI }} </div>
</div>
</div>
</div>
<div class='card shadow mb-2 bg-white rounded'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Other</div>
<div id='tother' class='col-md-6'> {{ t_other}}</div>
```

```html
</div>
</div>
</div>
<div class='card shadow mb-2 btn-outline-danger rounded-pill'>
<div class='card-body'>
<div class='row'>
<div class='col-md-6'>Total</div>
<div class='col-md-6'>₹ {{total}} </div>
</div>
</div>
</div>
</div>
<div class='col-md-6'>
<canvas id='myChart' width='400' height='400'></canvas>
<script>
let food = document.getElementById('tfood').innerHTML
let entertainment = document.getElementById('tentertainment').innerHTML
let business = document.getElementById('tbusiness').innerHTML
let rent = document.getElementById('trent').innerHTML
let emi = document.getElementById('temi').innerHTML
let other = document.getElementById('tother').innerHTML
var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
type: 'doughnut',
data: {
labels: ['Food', 'Entertainment', 'Business', 'Rent', 'EMI', 'Other'],
datasets: [{
label: 'Expenses Chart',
data: [food, entertainment, business, rent, emi, other],
backgroundColor: [
'rgb(255, 99, 132)',
'rgb(0, 0, 0)',
'rgb(255, 205, 86)',
'rgb(201, 203, 207)',
'rgb(54, 162, 235)',
'rgb(215, 159, 64)'
],
}]
},
options: {
```

```
responsive: true,
plugins: {
legend: {
position: 'bottom',
},
title: {
display: true,
text: 'EXPENSE BREAKDOWN'
}
}
});
</script|
</div|
</div|
</div|
</section|
</div|
{% endblock %}
```

home.css

```css
@import 'https://fonts.googleapis.com/css?family=Montserrat:300, 400,
700&display=swap';
* {
padding: 0;
margin: 0;
box-sizing: border-box;
}
html {
font-size: 10px;
font-family: 'Montserrat', sans-serif;
scroll-behavior: smooth;
}
a {
text-decoration: none;
}
.container {
min-height: 100vh;
width: 100%;
display: flex;
```

```css
  align-items: center;
  justify-content: center;
}
img {
  height: 100%;
  width: 100%;
  object-fit: cover;
}
p {
  color: black;
  font-size: 1.4rem;
  margin-top: 5px;
  line-height: 2.5rem;
  font-weight: 300;
  letter-spacing: 0.05rem;
}
.section-title {
  font-size: 4rem;
  font-weight: 300;
  color: black;
  margin-bottom: 10px;
  text-transform: uppercase;
  letter-spacing: 0.2rem;
  text-align: center;
}
.section-title span {
  color: rgb(43, 198, 143);
}

.cta {
  display: inline-block;
  padding: 10px 30px;
  color: white;
  background-color: transparent;
  border: 2px solid rgb(43, 198, 143);
  font-size: 2rem;
  text-transform: uppercase;
  letter-spacing: 0.1rem;
  margin-top: 30px;
  transition: 0.3s ease;
  transition-property: background-color, color;
```

```css
}
.cta:hover {
color: white;
background-color: rgb(43, 198, 143);
}
.brand h1 {
font-size: 3rem;
text-transform: uppercase;
color: white;
}
.brand h1 span {
color: rgb(43, 198, 143);
}
```

```css
/* Header section */
#header {
position: fixed;
z-index: 1000;
left: 0;
top: 0;
width: 100vw;
height: auto;
}
#header .header {
min-height: 8vh;
background-color: rgba(31, 30, 30, 0.24);
transition: 0.3s ease background-color;
}
#header .nav-bar {
display: flex;
align-items: center;
justify-content: space-between;
width: 100%;
height: 100%;
max-width: 1300px;
padding: 0 10px;
}
#header .nav-list ul {
list-style: none;
position: absolute;
background-color: rgb(31, 30, 30);
```

```css
  width: 100vw;
  height: 100vh;
  left: 100%;
  top: 0;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  z-index: 1;
  overflow-x: hidden;
  transition: 0.5s ease left;
}
#header .nav-list ul.active {
  left: 0%;
}
#header .nav-list ul a {
  font-size: 2.5rem;
  font-weight: 500;
  letter-spacing: 0.2rem;
  text-decoration: none;
  color: white;
  text-transform: uppercase;
  padding: 20px;
  display: block;
}
#header .nav-list ul a::after {
  content: attr(data-after);
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%) scale(0);
  color: rgba(240, 248, 255, 0.021);
  font-size: 13rem;
  letter-spacing: 50px;
  z-index: -1;
  transition: 0.3s ease letter-spacing;
}
#header .nav-list ul li:hover a::after {
  transform: translate(-50%, -50%) scale(1);
  letter-spacing: initial;
}
```

```css
#header .nav-list ul li:hover a {
color: rgb(43, 198, 143);
}
#header .hamburger {
height: 60px;
width: 60px;
display: inline-block;
border: 3px solid white;
border-radius: 50%;
position: relative;
display: flex;
align-items: center;
justify-content: center;
z-index: 100;
cursor: pointer;
transform: scale(0.8);
margin-right: 20px;
}
#header .hamburger:after {
position: absolute;
content: '';
height: 100%;
width: 100%;
border-radius: 50%;
border: 3px solid white;
animation: hamburger_puls 1s ease infinite;
}
#header .hamburger .bar {
height: 2px;
width: 30px;
position: relative;
background-color: white;
z-index: -1;
}
#header .hamburger .bar::after,
#header .hamburger .bar::before {
content: '';
position: absolute;
height: 100%;
width: 100%;
```

```css
left: 0;
background-color: white;
transition: 0.3s ease;
transition-property: top, bottom;
}
#header .hamburger .bar::after {
top: 8px;
}
#header .hamburger .bar::before {
bottom: 8px;
}
#header .hamburger.active .bar::before {
bottom: 0;
}
#header .hamburger.active .bar::after {
top: 0;
}
/* End Header section */

/* Hero Section */
#hero {
background-image: url(../images/hero-bg.png);
background-size: cover;
background-position: top center;
position: relative;
z-index: 1;
}
#hero::after {
content: '';
position: absolute;
left: 0;
top: 0;
height: 100%;
width: 100%;
background-color: black;
opacity: 0.7;
z-index: -1;
}
#hero .hero {
max-width: 1200px;
margin: 0 auto;
```

```css
padding: 0 50px;
justify-content: flex-start;
}
#hero h1 {
display: block;
width: fit-content;
font-size: 4rem;
position: relative;
color: transparent;
animation: text_reveal 0.5s ease forwards;
animation-delay: 1s;
}
#hero h1:nth-child(1) {
animation-delay: 1s;
}
#hero h1:nth-child(2) {
animation-delay: 2s;
}
#hero h1:nth-child(3) {
animation: text_reveal_name 0.5s ease forwards;
animation-delay: 3s;
}
#hero h1 span {
position: absolute;
top: 0;
left: 0;
height: 100%;
width: 0;
background-color: rgb(43, 198, 143);
animation: text_reveal_box 1s ease;
animation-delay: 0.5s;
}
#hero h1:nth-child(1) span {
animation-delay: 0.5s;
}
#hero h1:nth-child(2) span {
animation-delay: 1.5s;
}
#hero h1:nth-child(3) span {
animation-delay: 2.5s;
}
```

```css
/* End Hero Section */

/* Services Section */
#services .services {
flex-direction: column;
text-align: center;
max-width: 1500px;
margin: 0 auto;
padding: 100px 0;
}
#services .service-top {
max-width: 500px;
margin: 0 auto;
}
#services .service-bottom {
display: flex;
align-items: center;
justify-content: center;
flex-wrap: wrap;
margin-top: 50px;
}
#services .service-item {
flex-basis: 80%;
display: flex;
align-items: flex-start;
justify-content: center;
flex-direction: column;
padding: 30px;
border-radius: 10px;
background-image: url('../images/img-1.png');
background-size: cover;
margin: 10px 5%;
position: relative;
z-index: 1;
overflow: hidden;
}
#services .service-item::after {
content: '';
position: absolute;
left: 0;
top: 0;
```

```css
height: 100%;
width: 100%;
background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
opacity: 0.9;
z-index: -1;
}
#services .service-bottom .icon {
height: 80px;
width: 80px;
margin-bottom: 20px;
}
#services .service-item h2 {
font-size: 2rem;
color: white;
margin-bottom: 10px;
text-transform: uppercase;
}
#services .service-item p {
color: white;
text-align: left;
}
/* End Services Section */

/* Projects section */
#projects .projects {
flex-direction: column;
max-width: 1200px;
margin: 0 auto;
padding: 100px 0;
}
#projects .projects-header h1 {
margin-bottom: 50px;
}
#projects .all-projects {
display: flex;
align-items: center;
justify-content: center;
flex-direction: column;
}
#projects .project-item {
display: flex;
```

```css
align-items: center;
justify-content: center;
flex-direction: column;
width: 80%;
margin: 20px auto;
overflow: hidden;
border-radius: 10px;
}
#projects .project-info {
padding: 30px;
flex-basis: 50%;
height: 100%;
display: flex;
align-items: flex-start;
justify-content: center;
flex-direction: column;
background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
color: white;
}
#projects .project-info h1 {
font-size: 4rem;
font-weight: 500;
}
#projects .project-info h2 {
font-size: 1.8rem;
font-weight: 500;
margin-top: 10px;
}
#projects .project-info p {
color: white;
}
#projects .project-img {
flex-basis: 50%;
height: 300px;
overflow: hidden;
position: relative;
}
#projects .project-img:after {
content: '';
position: absolute;
left: 0;
```

```css
top: 0;
height: 100%;
width: 100%;
background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
opacity: 0.7;
}
#projects .project-img img {
transition: 0.3s ease transform;
}
#projects .project-item:hover .project-img img {
transform: scale(1.1);
}
/* End Projects section */
```

```css
/* About Section */
#about .about {
flex-direction: column-reverse;
text-align: center;
max-width: 1200px;
margin: 0 auto;
padding: 100px 20px;
}
#about .col-left {
width: 250px;
height: 360px;
}
#about .col-right {
width: 100%;
}
#about .col-right h2 {
font-size: 1.8rem;
font-weight: 500;
letter-spacing: 0.2rem;
margin-bottom: 10px;
}
#about .col-right p {
margin-bottom: 20px;
}
#about .col-right .cta {
color: black;
margin-bottom: 50px;
```

```css
  padding: 10px 20px;
  font-size: 2rem;
}
#about .col-left .about-img {
  height: 100%;
  width: 100%;
  position: relative;
  border: 10px solid white;
}
#about .col-left .about-img::after {
  content: '';
  position: absolute;
  left: -33px;
  top: 19px;
  height: 98%;
  width: 98%;
  border: 7px solid rgb(43, 198, 143);
  z-index: -1;
}
/* End About Section */
```

```css
/* contact Section */
#contact .contact {
  flex-direction: column;
  max-width: 1200px;
  margin: 0 auto;
  width: 90%;
}
#contact .contact-items {
  /* max-width: 400px; */
  width: 100%;
}
#contact .contact-item {
  width: 80%;
  padding: 20px;
  text-align: center;
  border-radius: 10px;
  padding: 30px;
  margin: 30px;
  display: flex;
  justify-content: center;
```

```css
align-items: center;
flex-direction: column;
box-shadow: 0px 0px 18px 0 #0000002c;
transition: 0.3s ease box-shadow;
}
#contact .contact-item:hover {
box-shadow: 0px 0px 5px 0 #0000002c;
}
#contact .icon {
width: 70px;
margin: 0 auto;
margin-bottom: 10px;
}
#contact .contact-info h1 {
font-size: 2.5rem;
font-weight: 500;
margin-bottom: 5px;
}
#contact .contact-info h2 {
font-size: 1.3rem;
line-height: 2rem;
font-weight: 500;
}
/*End contact Section */

/* Footer */
#footer {
background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
}
#footer .footer {
min-height: 200px;
flex-direction: column;
padding-top: 50px;
padding-bottom: 10px;
}
#footer h2 {
color: white;
font-weight: 500;
font-size: 1.8rem;
letter-spacing: 0.1rem;
margin-top: 10px;
```

```css
margin-bottom: 10px;
}
#footer .social-icon {
display: flex;
margin-bottom: 30px;
}
#footer .social-item {
height: 50px;
width: 50px;
margin: 0 5px;
}
#footer .social-item img {
filter: grayscale(1);
transition: 0.3s ease filter;
}
#footer .social-item:hover img {
filter: grayscale(0);
}
#footer p {
color: white;
font-size: 1.3rem;
}
/* End Footer */
```

```css
/* Keyframes */
@keyframes hamburger_puls {
0% {
opacity: 1;
transform: scale(1);
}
100% {
opacity: 0;
transform: scale(1.4);
}
}
@keyframes text_reveal_box {
50% {
width: 100%;
left: 0;
}
100% {
width: 0;
```

```css
left: 100%;
}
}
@keyframes text_reveal {
100% {
color: white;
}
}
@keyframes text_reveal_name {
100% {
color: rgb(43, 198, 143);
font-weight: 500;
}
}
/* End Keyframes */
```

```css
/* Media Query For Tablet */
@media only screen and (min-width: 768px) {
.cta {
font-size: 2.5rem;
padding: 20px 60px;
}
h1.section-title {
font-size: 6rem;
}
```

```css
/* Hero */
#hero h1 {
font-size: 7rem;
}
/* End Hero */
```

```css
/* Services Section */
#services .service-bottom .service-item {
flex-basis: 45%;
margin: 2.5%;
}
/* End Services Section */
```

```css
/* Project */
#projects .project-item {
flex-direction: row;
}
```

```css
#projects .project-item:nth-child(even) {
flex-direction: row-reverse;
}
#projects .project-item {
height: 400px;
margin: 0;
width: 100%;
border-radius: 0;
}
#projects .all-projects .project-info {
height: 100%;
}
#projects .all-projects .project-img {
height: 100%;
}
/* End Project */

/* About */
#about .about {
flex-direction: row;
}
#about .col-left {
width: 600px;
height: 400px;
padding-left: 60px;
}
#about .about .col-left .about-img::after {
left: -45px;
top: 34px;
height: 98%;
width: 98%;
border: 10px solid rgb(43, 198, 143)
}
#about .col-right {
text-align: left;
padding: 30px;
}
#about .col-right h1 {
text-align: left;
}
/* End About */
```

```css
/* contact */
#contact .contact {
flex-direction: column;
padding: 100px 0;
align-items: center;
justify-content: center;
min-width: 20vh;
}
#contact .contact-items {
width: 100%;
display: flex;
flex-direction: row;
justify-content: space-evenly;
margin: 0;
}
#contact .contact-item {
width: 30%;
margin: 0;
flex-direction: row;
}
#contact .contact-item .icon {
height: 100px;
width: 100px;
}
#contact .contact-item .icon img {
object-fit: contain;
}
#contact .contact-item .contact-info {
width: 100%;
text-align: left;
padding-left: 20px;
}
/* End contact */
}
/* End Media Query For Tablet */

/* Media Query For Desktop */
@media only screen and (min-width: 1200px) {
/* header */
#header .hamburger {
display: none;
```

```css
}
#header .nav-list ul {
position: initial;
display: block;
height: auto;
width: fit-content;
background-color: transparent;
}
#header .nav-list ul li {
display: inline-block;
}
#header .nav-list ul li a {
font-size: 1.8rem;
}
#header .nav-list ul a:after {
display: none;
}
/* End header */
#services .service-bottom .service-item {
flex-basis: 22%;
margin: 1.5%;
}
}
/* End Media Query For Desktop */
```

login.css

```css
*{
padding: 0;
margin: 0;
box-sizing: border-box;
}

body{
font-family: 'Poppins', sans-serif;
overflow: hidden;
}
```

```css
.wave{
position: fixed;
```

```css
bottom: 0;
left: 0;
height: 100%;
z-index: -1;
}

.container{
width: 100vw;
height: 100vh;
display: grid;
grid-template-columns: repeat(2, 1fr);
grid-gap :7rem;
padding: 0 2rem;
}

.img{
display: flex;
justify-content: flex-end;
align-items: center;
}

.login-content{
display: flex;
justify-content: flex-start;
align-items: center;
text-align: center;
}

.img img{
width: 500px;
}

form{
width: 360px;
}

.login-content img{
height: 100px;
}

.login-content h2{
margin: 15px 0;
color: #333;
```

```css
    text-transform: uppercase;
    font-size: 2.9rem;
}

.login-content .input-div{
    position: relative;
    display: grid;
    grid-template-columns: 7% 93%;
    margin: 25px 0;
    padding: 5px 0;
    border-bottom: 2px solid #d9d9d9;
}

.login-content .input-div.one{
    margin-top: 0;
}

.i{
    color: #d9d9d9;
    display: flex;
    justify-content: center;
    align-items: center;
}

.i i{
    transition: .3s;
}

.input-div > div{
    position: relative;
    height: 45px;
}

.input-div > div > h5{
    position: absolute;
    left: 10px;
    top: 50%;
    transform: translateY(-50%);
    color: #999;
    font-size: 18px;
    transition: .3s;
}
```

```css
.input-div:before, .input-div:after{
content: '';
position: absolute;
bottom: -2px;
width: 0%;
height: 2px;
background-color: #38d39f;
transition: .4s;
}
```

```css
.input-div:before{
right: 50%;
}
```

```css
.input-div:after{
left: 50%;
}
```

```css
.input-div.focus:before, .input-div.focus:after{
width: 50%;
}
```

```css
.input-div.focus > div > h5{
top: -5px;
font-size: 15px;
}
```

```css
.input-div.focus > .i > i{
color: #38d39f;
}
```

```css
.input-div > div > input{
position: absolute;
left: 0;
top: 0;
width: 100%;
height: 100%;
border: none;
outline: none;
background: none;
padding: 0.5rem 0.7rem;
font-size: 1.2rem;
color: #555;
```

```css
    font-family: 'poppins', sans-serif;
}

.input-div.pass{
margin-bottom: 4px;
}

a{
display: block;
text-align: right;
text-decoration: none;
color: #999;
font-size: 0.9rem;
transition: .3s;
}

.btn{
display: block;
width: 100%;
height: 50px;
border-radius: 25px;
outline: none;
border: none;
background-image: linear-gradient(to right, #32be8f, #38d39f, #32be8f);
background-size: 200%;
font-size: 1.2rem;
color: #fff;
font-family: 'Poppins', sans-serif;
text-transform: uppercase;
margin: 1rem 0;
cursor: pointer;
}

@media screen and (max-width: 1050px){
.container{
grid-gap: 5rem;
}
}
```

```css
@media screen and (max-width: 1000px){
form{
width: 290px;
}

.login-content h2{
font-size: 2.4rem;
margin: 8px 0;
}

.img img{
width: 400px;
}
}

@media screen and (max-width: 900px){
.container{
grid-template-columns: 1fr;
}

.img{
display: none;
}

.wave{
display: none;
}

.login-content{
justify-content: center;
}
}
.container{
overflow:scroll
}
.container::-webkit-scrollbar {
display: none;
}
ul {
position:relative;
top:-20px;
left:0%;
right:10%;
transform: translate(-50%, -50%);
```

```css
margin: 75px;
padding:0;
display:flex;
flex:auto;
}
ul li {
list-style: none;
}
ul li a {
position: relative;
width:60px;
height:60px;
display:block;
text-align:center;
margin:0 10px;
border-radius: 50%;
padding: 6px;
box-sizing: border-box;
text-decoration:none;
box-shadow: 0 10px 15px rgba(0,0,0,0.3);
background: linear-gradient(0deg, #ddd, #fff);
transition: .5s;
}
ul li a:hover {
box-shadow: 0 2px 5px rgba(0,0,0,0.3);
text-decoration:none;
}
ul li a .fab {
width: 100%;
height:100%;
display:block;
background: linear-gradient(0deg, #fff, #ddd);
border-radius: 50%;
line-height: calc(60px - 12px);
font-size:24px;
color: #262626;
transition: .5s;
}
ul li:nth-child(1) a:hover .fab {
color: #3b5998;
}
```

```css
ul li:nth-child(2) a:hover .fab {
color: #00aced;
}
ul li:nth-child(3) a:hover .fab {
color: #dd4b39;
}
ul li:nth-child(4) a:hover .fab {
color: #007bb6;
}
ul li:nth-child(5) a:hover .fab {
color: #e4405f;
}
.app{
position: relative;
top: -70px;
height: 5%;
```

```css
}
#app1{
font-style: oblique;
color:blue ;
}
#png{
position: relative;
top: -300px;
right: 50px;
}
```

signup.css

```css
@charset 'utf-8';
/* CSS Document */
body{
background-color:#eef1f8;
margin:0px;
padding:0px;
}
a{
text-decoration:none;
}
```

```css
.container{
width:100%;
height:100%;
background-color:#FFFFFF;
position: absolute;
left:50%;
top:49%;
transform:translate(-50%,-50%);
box-shadow:2px 2px 30px rgba(66,57,238,0.2);
border-radius:20px;
display:flex;
justify-content: center;
align-items:center;
background-image: url('../images/bg.gif');
background-repeat:no-repeat;
background-size:cover;
}
.sign-up{
position: relative;
left: -250px;
width:50%;
display:flex;
flex-direction:column;
align-items: center;
}
.text-container{
position: relative;
top:-100px; padding-bottom:-50px;
width:50%;
height:100%;
display:flex;
flex-direction:column;
justify-content: center;
align-items: center;
margin-left:700px;
margin-bottom:-10px;
top:-40px
}
.heading{
font-family:calibri;
```

```css
color:rgba(30,30,30,1);
position: relative;
left:80px ;
}
.text{
width:350px;
height:50px;
box-shadow:2px 6px 18px rgba(66,57,238,0.3);
border-radius: 30px;
display:flex;
align-items:center;
margin:10px;
}
.text input{
height:40px;
width:80%;
outline:none;
border:none;
font-size:14px;
margin:5px;
}
.text img{
margin-left:20px;
}
.conditions{
font-family:myriad pro;
color:#bbc1cb;
font-size:14px;
}
.trems{
top:20px ;
position: relative;
left:37px ;

display: flex;
align-items:center;
}
.conditions a{
color:#7d22e3;
font-weight:500;
}
```

```css
button{
width:200px;
height:40px;
outline:none;
border:none;
border-radius:20px;
background:linear-gradient(-30deg,#3b02ed,#8e2ae0 55%);
box-shadow:2px 6px 16px rgba(66,57,238,0.3);
color:#FFFFFF;
font-weight:600;
letter-spacing:1px;
font-weight: 13px;
}
button:active{
transform:scale(1.1);
}
.text-container p{
width:70%;
text-align: center;
font-family:arial;
font-size: 15px;
font-weight: 400;
line-height:0px;
}
ul {
position:relative;
top:40px;
left:25%;
right:100px;
transform: translate(-50%, -50%);
margin: 75px;
padding:0;
display:flex;
flex:auto;
}
ul li {
list-style: none;
}
ul li a {
position: relative;
width:60px;
```

```css
height:60px;
display:block;
text-align:center;
margin:0 10px;
border-radius: 50%;
padding: 6px;
box-sizing: border-box;
text-decoration:none;
box-shadow: 0 10px 15px rgba(0,0,0,0.3);
background: linear-gradient(0deg, #ddd, #fff);
transition: .5s;
}
ul li a:hover {
box-shadow: 0 2px 5px rgba(0,0,0,0.3);
text-decoration:none;
}
ul li a .fab {
width: 100%;
height:100%;
display:block;
background: linear-gradient(0deg, #fff, #ddd);
border-radius: 50%;
line-height: calc(60px - 12px);
font-size:24px;
color: #262626;
transition: .5s;
}
ul li:nth-child(1) a:hover .fab {
color: #3b5998;
}
ul li:nth-child(2) a:hover .fab {
color: #00aced;
}
ul li:nth-child(3) a:hover .fab {
color: #dd4b39;
}
ul li:nth-child(4) a:hover .fab {
color: #007bb6;
}
ul li:nth-child(5) a:hover .fab {
color: #e4405f;
```

```css
}
.toop{
position: relative;
top: 20px;
left: 75px;
}
.check{
position: relative;
top: -8px;
left: -5px;
}
.para{
position: relative;
top: 0px;
left: -45px;

}
.diag{
position: relative;
top:0px;
margin: 0px;
padding: 0px;
left:-10px;
}
.fig1{
position: relative;
size:200%;
}
#png{
position: relative;
left: -270px;
top: -45px;

}
.or{
position: relative;
left:180px;
}
.s1{
position: relative;
left: 140px;

}
```

```css
.t{
position: relative;
left:-100px ;
top:10px;
}
```

home.js

```js
const hamburger = document.querySelector('.header .nav-bar .nav-list .hamburger');
const mobile_menu = document.querySelector('.header .nav-bar .nav-list ul');
const menu_item = document.querySelectorAll('.header .nav-bar .nav-list ul li a');
const header = document.querySelector('.header.container');

hamburger.addEventListener('click', () => {
hamburger.classList.toggle('active');
mobile_menu.classList.toggle('active');
});
document.addEventListener('scroll', () => {
var scroll_position = window.scrollY;
if (scroll_position | 250) {
header.style.backgroundColor = '#29323c';
} else {
header.style.backgroundColor = 'transparent';
}
});
menu_item.forEach((item) => {
item.addEventListener('click', () => {
hamburger.classList.toggle('active');
mobile_menu.classList.toggle('active');
});
});
```

login.js

```js
const inputs = document.querySelectorAll('.input');


function addcl(){
let parent = this.parentNode.parentNode;
parent.classList.add('focus');
```

```
}
function remcl(){
let parent = this.parentNode.parentNode;
if(this.value == ''){
parent.classList.remove('focus');
}
}
inputs.forEach(input =l {
input.addEventListener('focus', addcl);
input.addEventListener('blur', remcl);
});
```

Output:

An alert message from the sendGrid official Mail