**SPRINT - 3**

| DATE | 12 November 2022 |
|---|---|
| Team ID | PNT2022TMID19849 |
| Project Name | Project-Personal Expense Tracker |

**app.py**

#delete---the--data

```
@app.route('/delete/<string:id>', methods = [ 'POST', 'GET' ])
def delete(id):
    stmt = ibm_db.prepare(conn, 'DELETE FROM expenses WHERE id = {0}'.format(id))
    ibm_db.execute(stmt)
    print('deleted successfully')
    return redirect("/display")
```

#UPDATE---DATA

```
@app.route('/edit/<id>', methods = ['POST', 'GET' ])
def edit(id):
    cursor = conn.cursor()
    cursor.execute('SELECT * FROM expenses WHERE id = %s', (id,))
    row = cursor.fetchall()
    print(row[0])
    return render_template('edit.html', expenses = row[0])
```

```
@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']

    cursor = conn.cursor()
```

```python
    cursor.execute("UPDATE `expenses` SET `date` = % s , `expensename` = % s ,
`amount` = % s, `paymode` = % s, `category` = % s WHERE `expenses`.`id` = % s ",(date,
expensename, amount, str(paymode), str(category),id))
    conn.commit()
    print('successfully updated')
    return redirect("/display")
```

**display.html**

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

<div class="container ">
    <h3 class="mt-3">EXPENSES</h3>



    {% 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>

            <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>

    </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="{{ url_for('static', filename='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"> {{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"> {{entertainment}} </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">Business</div>
         <div id="tbusiness" class="col-md-6"> {{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"> {{ 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">{{ 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"> {{ 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>
```

```html
            </div>
            <div class="col-md-6">
                <canvas id="myChart" width="400" height="400"></canvas>
                <script>
                    let food = document.getElementById('food').innerHTML
                    let entertainment = document.getElementById('entertainment').innerHTML
                    let business = document.getElementById('business').innerHTML
                    let rent = document.getElementById('rent').innerHTML
                    let emi = document.getElementById('emi').innerHTML
                    let other = document.getElementById('other').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**

```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">
```

```html
<input type="hidden" class="form-control"  name="" value = "{{expenses[0]}}"
id="">

        <div class="form-group">
            <label for="">Date</label>
            <input class="form-control"  type="datetime-local" name="date"
value="{{expenses[2]}}"  id="date"></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>
            <input class="form-control"  type="number" min="0" name="amount"
value="{{expenses[4]}}" id="amount">
        </div>

        <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">

                <option  selected hidden>{{expenses[6]}}</option>
```

```html
                <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>

          <input class="btn btn-danger" type="submit" value="Update" id="">

        </form>
      </div>
    </div>

</div>

  {% endblock %}
```

**OUTPUT :**

| Amount | Income | Expense | Date | Category |
|--------|--------|---------|------|----------|
| 2000 | 1000 | 1000 | 2022-01-01 | hos |
| 1000 | 12000 | 1000 | 2022-12-31 | ent |

Back