

### SPRINT - 3

DATE	12 November 2022
Team ID	PNT2022TMID50153
Project Name	Personal Expense Tracker Application

#### 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()
```

```

        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

```

{% 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>

```

```

        <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>
    
</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="tfoot" 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>
    </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"> {{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>
```

```

</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>
{% 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">

```

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

```
    <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>
```

```

        <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="">

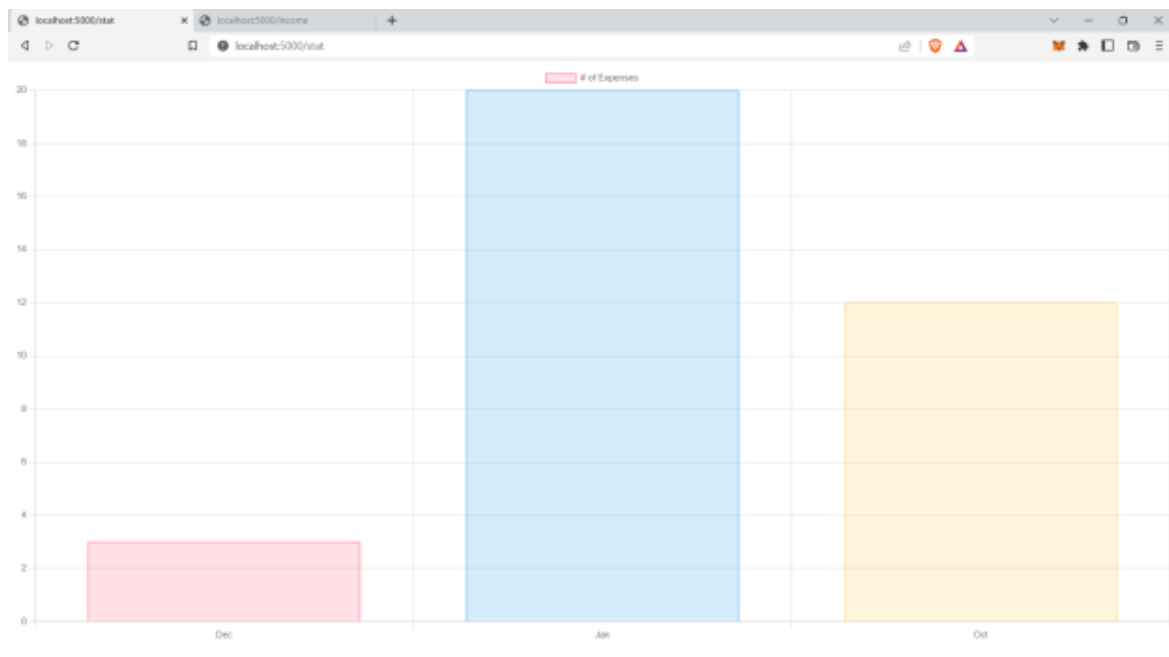
</form>
</div>
</div>

</div>

{% endblock %}

```

## OUTPUT :



Browser tabs: BM4 Dns on Cloud, Unlinked document, Sprint 2 - Google Doc, Project Planning Tem, Sprint 1, 127.0.0.1:5000/home, 127.0.0.1:5000/home.

Address bar: 127.0.0.1:5000/display

Browser bookmarks: Gmail, YouTube, Maps, All Top 100 Schools in..., SmartDraw - Create..., TypingTest.com - VL..., Classes, WhatsApp, Python for Data Sci..., Campus Life Jorah..., CSE 8 YEAR CY GS..., Student Portal.

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

Buttons: Back

