Sprint 3

Team ID	PNT2022TMID04279
Project Name	Personal Expense Tracker Application

As a user I can see the expenditure details on the application and I can set my expense limit so that I receive a notification on exceeding that.

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Expense Tracker</title>
    <link href="https://fonts.googleapis.com/css?family=Titillium+Web&display=swap"
        rel="stylesheet">
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <header>
        <center><h1 class="title">Personal Expense Tracker</h1></center>
    <header>
    <section class="content">
        <h3 class="secondTitle">Add a new item: </h3>
        <div class="form">
            <form id="expForm">
                <div class="formLine left">
                    <span for="type">Type:</span>
                    <select id="type">
                        <option value="chooseOne">Choose one...</option>
                        <option value="Card">Card</option>
                        <option value="Cash">Cash</option>
```

```html
          <option value="Cryptocoin">Cryptocoin</option>

          <option value="Other">Other</option>

        </select>

      </div>

      <div class="formLine right">

        <span for="name">Name:</span>

        <input type="text" id="name">

      </div>




      <div class="formLine left">

        <span for="date">Date:</span>

        <input type="date" id="date">

      </div>

      <div class="formLine right">

        <span for="amount">Amount:</span>

        <input type="number" id="amount">

       </div>

      <button type="submit" class="buttonSave">Add a new expense</button>

    </form>

  </div>

</section>

<section class="content">

  <table class="table">

    <thead>

      <tr>

        <th>Type</th>

        <th>Name</th>

        <th>Date</th>

        <th>Amount</th>

        <th>Options</th>

      </tr>
```

```html
                </thead>
                <tbody id="expenseTable">


                </tbody>
            </table>
        </section>

    <script src="app.js"></script>
<footer>
<div class="formLine left">
            <button type="submit" onclick="window.location.href='chart.html';"
class="buttonSave">Fixed Expense Report</button>
            </div>


<div class="formLine right">
            <button type="submit" onclick="window.location.href='chart1.html';"
class="buttonSave">Discretionary Expense Report</button>
            </div>


</footer>
</body>
</html>
```

App1.js

```javascript
document.getElementById('expForm').addEventListener('submit', addExpense);


var num1 = parseInt(prompt('Enter the Daily limit '));
var total=0;


// initial array of expenses, reading from localStorage
const expenses = JSON.parse(localStorage.getItem('expenses')) || [];


function addExpense(e){
    e.preventDefault();
```

```javascript
    // get type, name, date, and amount
    let type = document.getElementById('type').value;
    let name = document.getElementById('name').value;
    let date = document.getElementById('date').value;
    let amount = document.getElementById('amount').value;

    if(type != 'chooseOne'
        && name.length > 0
        && date != 0
        && amount > 0){
        const expense = {
            type,
            name,
            date,
            amount,
            id: expenses.length > 0 ? expenses[expenses.length - 1].id + 1 : 1,
        }

        expenses.push(expense);
        // localStorage
        localStorage.setItem('expenses', JSON.stringify(expenses));
    }

    document.getElementById('expForm').reset();
    showExpenses();
}

const showExpenses = () => {

    const expenseTable = document.getElementById('expenseTable');
```

```javascript
    expenseTable.innerHTML = '';

    for(let i = 0; i < expenses.length; i++){
        total+=expenses[i].amount;
        if(total>=num1)
            alert("Daily limit exceeded");
        expenseTable.innerHTML += `
            <tr>
                <td>${expenses[i].type}</td>
                <td>${expenses[i].name}</td>
                <td>${expenses[i].date}</td>
                <td>Rs${expenses[i].amount}</td>
                <td><a class="deleteButton" onclick="deleteExpense(${expenses[i].id})">
                    Delete</td>
            </tr>
        `;
    }

}

const deleteExpense = (id) => {
    for(let i = 0; i < expenses.length; i++){
        if(expenses[i].id == id){
            expenses.splice(i, 1);
            total=total-expenses[i].amount;
        }
    }

    // localStorage
    localStorage.setItem('expenses', JSON.stringify(expenses));
    showExpenses();
```

```
}

showExpenses();
```