Team Budget Planner

Project and developer details

Project objective:

As a developer, write a program using JavaScript to decide the budget of a specific team.

Background of the problem statement:

As a developer, you are assigned to a project. You need to develop a website where program managers of a specific team will add details of professional deals they want to have with vendors. The finance team will check expenses of those teams and will decide their annual budget.

You must use the following:

● Visual Studio Code: An IDE to code for the application

● JavaScript: A programming language

● Git: To connect and push files from the local system to GitHub

● GitHub: To store the application code and track its versions

● JavaScript concepts: Functions, prototypes, primitives, objects, IIFEs, promises, async, and webpack

Following requirements should be met:

● Versions of the code should be tracked on GitHub repositories

● Team Budget Planner should work properly

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budget.html:

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
        integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
    <script
src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
        integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
        crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
Fy6S3B9q64WdZWQUiU+q4/2Lc9npb8tCaSX9FK7E8HnRr0Jz8D6OP9dO5Vg3Q9ct"
        crossorigin="anonymous"></script>

    <script src="C:\Users\BALA\Documents\VS Code
Frontend\BudgetWebsite\js\budget.js"></script>
    <link rel="stylesheet" href="C:\Users\BALA\Documents\VS Code
Frontend\BudgetWebsite\css\budget.css" />

    <title>Budget</title>


</head>

<body>
    <div class="jumbotron">
        <h1 class="display-3">Budget Planner</h1>
    </div>
    <div class="heading">
        <div class="cul1">
            <h2>Budget</h2>
```

```html
            <img src="C:\Users\BALA\Documents\VS Code
Frontend\BudgetWebsite\images\indian-rupee.jpg" width="60"
                alt="" />
            <p class="amount">Rs <span id="budgetAmount">0</span></p>
        </div>

        <div class="cul2">
            <h2>Expenses</h2>
            <img src="C:\Users\BALA\Documents\VS Code
Frontend\BudgetWebsite\images\indian-rupee.jpg" width="60"
                alt="" />
            <p class="amount">Rs <span id="expensesAmount">0</span></p>
        </div>

        <div class="cul3">
            <h2>Balance</h2>
            <img src="C:\Users\BALA\Documents\VS Code
Frontend\BudgetWebsite\images\indian-rupee.jpg" width="60"
                alt="" />
            <p class="amount">Rs <span id="balanceAmount">0</span></p>
        </div>
    </div>
    <section>
        <div class="submit">
            <h6>Enter your Budget <input type="number" id="budget"
name="budget" value=0> <button
                onclick="addBudget()">Ok</button></h6><br>
            <h4>Add Expenses</h4><br>
            <h6>Enter your Expense Name <input type="text" id="expenseName"
name="expenseName" value="Room Rent" required> Enter
                Amount <input type="number" id="expenseAmt"
name="expenseAmt" value=0 required> <button
                onclick="addExpense()">Add</button></h6>


        </div>
        <div class="list">
            <table class="table">
                <thead>
                    <tr id ="tablehead">
                        <th>Expense Name</th>
                        <th>Expense Amount</th>
                        <th>Delete</th>
                    </tr>
                </thead>
```

```html
            <tbody id="tbody">

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


    <footer class="bg-light text-center text-lg-start">
        <!-- Copyright -->
        <div class="text-center p-3" style="background-color:rgb(7, 2, 19);
color: white;">
            © 2020 Copyright:
            <a class="text-dark"
href="https://github.com/ppraveen62/Budgeting-web-app-proj-javascript--
bootstrap.git">PPK</a>
        </div>
        <!-- Copyright -->
    </footer>

</body>

</html>
```

budget.css:

```css
    .jumbotron {
        margin-bottom: 0%;
        background-color: rgb(7, 2, 19);
        color: whitesmoke;
        padding:5px;



    }

    .heading {
        background-color: white;
        text-align: center;
    }

    .cul1 {
        padding: 20px;
```

```css
        display: inline-block;
    }

    .cul2 {
        padding: 20px;
        display: inline-block;
    }

    .cul3 {
        padding: 20px;
        display: inline-block;
    }

    .amount {
        border: none;
        border-radius: 5px;
        background-color: darkslategrey;
        color: white;
        font-weight: bold;
        margin: 5px;
    }

    .submit {
        padding: 10px;
    }

    button {

        border-radius: 6px;
        background-color: darkslategray;
        color: white;
        font-weight: bold;
    }

    input {
        font-weight: lighter;
        border-radius: 5px;
        background-color: snow;
        text-align: center;

    }

    .submit {
        background-color: lightsteelblue;
        padding-left: 150px;
```
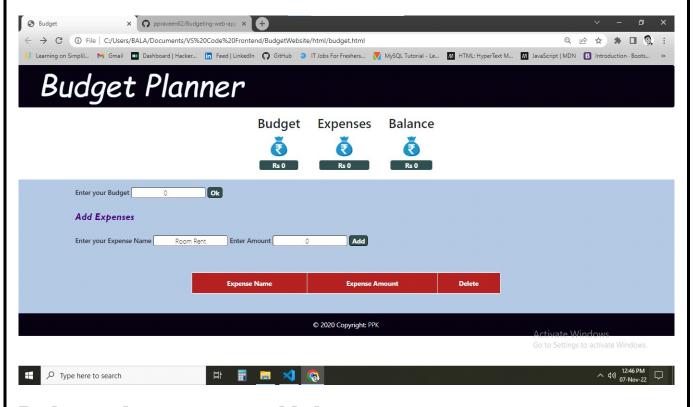
```css
        padding-top: 20px;
    }

    .text-dark {
        color: white !important;
        font-weight: lighter;
    }

    .table {
        width: 50%;
        height: 100%;
        margin: auto;
        text-align: center;
        background-color: snow;
        border-collapse: unset;
        border-radius: 5px;
    }

    .list {
        background-color: lightsteelblue;
        padding: 50px;
    }

    h4 {
        font-style: italic;
        font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet
MS', sans-serif;
        font-weight: bolder;
        color: indigo;
    }

    .display-3 {
        font-family: cursive;
        color: aliceblue;
        font-style: oblique;
        padding-left: 50px;

    }

    #tablehead{
        background-color: firebrick;
        color: whitesmoke;
    }
```
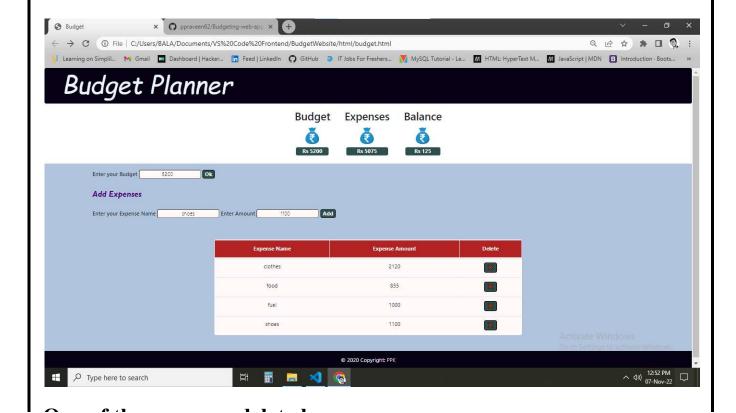
budget.js:

```javascript
function updateBanner() {
    const budget = document.getElementById("budgetAmount").innerText;
    const expenses = document.getElementById("expensesAmount").innerText;
    document.getElementById("balanceAmount").innerHTML = budget - expenses;
}


function addBudget() {
    const budget = document.getElementById("budget").value;
    const expenses = document.getElementById("expensesAmount").innerText;

    document.getElementById("budgetAmount").innerHTML = budget;
    document.getElementById("balanceAmount").innerHTML = budget - expenses;
}

i = 0;
const bdgtlist = [[], []];

function addExpense() {
    const expName = document.getElementById("expenseName").value;
    const expAmount = document.getElementById("expenseAmt").value;
    if (/[a-zA-Z0-9]/.test(expName)==true && expAmount != 0) {
        bdgtlist[0][i] = expName;
        console.log(typeof expName)
        bdgtlist[1][i] = expAmount;
        i++;
        Showlist()
    }
    if (/[a-zA-Z0-9]/.test(expName)==false) {
        alert("Please give correct input! Name should not be Blank");
    }
    if (/[a-zA-Z0-9]/.test(expName)==true && expAmount == 0) {
        alert("Please give correct input! Amount should not be Zero");
    }


}


function Showlist() {
    document.getElementById("tbody").innerHTML = ""
    for (var j = 0; j < bdgtlist[0].length; j++) {

        var exp = bdgtlist[0][j]
        var amt = bdgtlist[1][j]
        if (exp != undefined && amt != undefined) {
            document.getElementById("tbody").innerHTML +=
```

```javascript
            `<tr>
        <td id="exp">`+ exp + `</td>
        <td id="amt">`+ amt + `</td>
        <td id="del"><button onclick="deleteExp(`+ j + `)">&#10060;</button> </td>
    </tr>`;
        }


    }
    let totalexpAmt = 0;
    for (var j = 0; j < bdgtlist[0].length; j++) {
        if (bdgtlist[1][j] != undefined) {
            totalexpAmt += parseFloat(bdgtlist[1][j])
        }
    }
    document.getElementById("expensesAmount").innerHTML = totalexpAmt;
    updateBanner()


}

let id = 0;
function deleteExp(id) {
    bdgtlist[0].splice(id, 1)
    bdgtlist[1].splice(id, 1)
    Showlist()

}
```

Opened and see the change in budget ,expenses and balances

Budget and expenses are added

Opened and see the change in budget ,expenses and balances

Again with new prices added

Pushing to GitHub

Links to the GitHub repository to verify the project completion

https://github.com/ppraveen62/Budgeting-web-app-proj-javascript--bootstrap.git

MINGW64:/e/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp

```
PPK@PPK MINGW64 /e/simplilearn/github/phase 4/budgeting webapp-javascript-bootst
rsp
$ git init
Initialized empty Git repository in E:/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp/.git/

PPK@PPK MINGW64 /e/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp (master)
$ git add .

PPK@PPK MINGW64 /e/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp (master)
$

PPK@PPK MINGW64 /e/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp (master)
$ git commit -m "all files are uploaded"
[master (root-commit) 977540a] all files are uploaded
 11 files changed, 304 insertions(+)
 create mode 100644 1.png
 create mode 100644 2.png
 create mode 100644 3.png
 create mode 100644 4.png
 create mode 100644 BudgetWebsite/css/budget.css
 create mode 100644 BudgetWebsite/html/budget.html
 create mode 100644 BudgetWebsite/images/indian-rupee.jpg
 create mode 100644 BudgetWebsite/js/budget.js
 create mode 100644 Description.txt
 create mode 100644 Document.docx
 create mode 100644 ~$cument.docx

PPK@PPK MINGW64 /e/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp (master)
$ git branch -M main

PPK@PPK MINGW64 /e/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp (main)
$ git remote add origin https://github.com/ppraveen62/Budgeting-web-app-proj-javascript--bootstrap.git

PPK@PPK MINGW64 /e/simplilearn/github/phase 4/budgeting webapp-javascript-bootstrsp (main)
$ git push -u origin main
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 4 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (18/18), 385.61 KiB | 12.05 MiB/s, done.
Total 18 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), done.
```