

# Project: Team Budget Planner

## Source Code:

### Finance.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://use.fontawesome.com/releases/v5.15.4/css/all.css"
      integrity="sha384-
DyZ88mC6Up2uqS4h/KRgHuoEgwBcD4Ng9SiP4dIRy0EXTlnuz47vAwmeGwVChigm"
      crossorigin="anonymous"
    />
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
      crossorigin="anonymous"
    />
    <link rel="stylesheet" href="./src/css/styles.css" />
    <title>Finance Team</title>
  </head>

  <body>
    <nav class="navBar">
      <a href="index.html"
        ><i class="fas fa-money-bill fa-lg logo"></i> Team Budget Planner</a>
      </a>
      <ul>
        <a href="index.html"><li>New Team Planner</li></a>
        <a href="FinanceTeam.html"><li>Finance Team</li></a>
      </ul>
    </nav>
    <div class="signUpPage-container">
      <div class="center-content">
```

```


<div class="pageContainer">
  <div>
    <h2 class="expenses-header">All The Expenses: <span id="total"></span></h2>
    <div id="expenses"> </div>
  </div>

  <div id="expValue">
    <table class="table table-striped table-bordered mb-5">
      <thead>
        <th>Team Name</th>
        <th>Project ID</th>
        <th>Team Members</th>
        <th>Manager ID</th>
        <th>Amount of the expenses</th>
        <th>Date of the expenses</th>
      </thead>
      <tbody id="tbody"></tbody>
    </table>
  </div>
</div>
</div>
</div>
<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
  crossorigin="anonymous"
></script>

  <script src="./src/js/finance.js"></script>
</body>
</html>

```

## Finance.js:

```

const expenses = document.getElementById("expenses");
const total = document.getElementById("total");
const tbody = document.getElementById("tbody");

```

```

var teamsExpList = JSON.parse(localStorage.getItem("teamsExpList")); // all teams objects
displayExp(teamsExpList);

```

```

function displayExp(teamsExpList) {

```

```
tbody.innerHTML = null;
for (i = 0; i < teamsExpList.length; i++) {
  tbody.innerHTML += `
    <tr>
      <td>${teamsExpList[i].teamName}</td>
      <td>${teamsExpList[i].projID}</td>
      <td>${teamsExpList[i].teamMembers}</td>
      <td>${teamsExpList[i].mngrID}</td>
      <td>${teamsExpList[i].expensesAmount}</td>
      <td>${teamsExpList[i].expensesDate}</td>
    </tr>
  `;
}

calcTeamExpenses(); //calcualte each team expenses
calcAllExpenses(); // calculate all the teams expenses
}

function calcTeamExpenses() {
  let teamName = []; //array of teams names
  let teamList = []; //array of the related team's objects

  //extarct teamNames from each object in the array
  for (const item of teamsExpList) {
    teamName.push(item.teamName);
    // console.log(teamName);
  }

  //array of teams names with no duplication
  var unique = [...new Set(teamName)];
  // console.log(unique);

  //loop through the unique team names and make array of related objects, then calculate the
  total expences for each team individually
  for (i = 0; i < unique.length; i++) {
    teamList = teamsExpList.filter((team) => team.teamName === unique[i]);
    // console.log(teamList);
    calcExpensesforEachTeam(teamList);
  }
}

function calcExpensesforEachTeam(teamList) {
  let teamTotalExp = 0;
  for (var a of teamList) {
    // console.log(a);
  }
}
```

```

    teamTotalExp += Number(a.expensesAmount);
    // console.log(teamTotalExp);
  }
  expenses.innerHTML += `<li style="color: #12637c;"> Annual budget for ${a.teamName}
Team: <span style="color: #12277c;">$ ${teamTotalExp} </span> </li>`;
}

function calcAllExpenses() {
  let totalExp = 0;
  for (var a of teamsExpList) {
    totalExp += Number(a.expensesAmount);
  }
  total.innerHTML += ` <span style="color: #12277c;"> $ ${totalExp} </span>`;
}

```

## index.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://use.fontawesome.com/releases/v5.15.4/css/all.css"
      integrity="sha384-
DyZ88mC6Up2uqS4h/KRgHuoeGwBcD4Ng9SiP4dIRy0EXTlnuz47vAwmeGwVChigm"
      crossorigin="anonymous"
    />
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
      crossorigin="anonymous"
    />
    <link rel="stylesheet" href="./src/css/styles.css" />

    <title>Team Planner Form</title>
  </head>

  <body>
    <nav class="navBar">

```

```

<a href="index.html"
  ><i class="fas fa-money-bill fa-lg logo"></i> Team Budget Planner</a>
>
<ul>
  <a href="index.html"><li>New Team Planner</li></a>
  <a href="FinanceTeam.html"><li>Finance Team</li></a>
</ul>
</nav>
<div class="signUpPage-container">
  <div class="center-content">
    
    <div class="formOuter-container">
      <div class="formInner-container">
        <h1>Create Team Plan</h1>
        <p>
          This form is needed to be filled by program managers of each team
          to add the details of professional deals they want to have with
          vendors.
        </p>
        <form id="createForm">
          <div class="input-group">
            <i class="fas fa-id-card-alt"></i>
            <input
              id="teamName"
              type="text"
              value=""
              placeholder="Team Name"
            />
          </div>
          <div class="input-group">
            <i class="fas fa-id-card-alt"></i>
            <input
              id="projID"
              type="text"
              value=""
              placeholder="Project ID"
            />
          </div>
          <div class="input-group">
            <i class="fas fa-users"></i>
            <input
              id="team-members"
              type="number"
              value=""
              placeholder="Team Members"
            />
          </div>
        </form>
      </div>
    </div>
  </div>
</div>

```

```

    />
  </div>
  <div class="input-group">
    <i class="far fa-id-badge"></i>
    <input
      id="mngrID"
      type="text"
      value=""
      placeholder="Manager ID"
    />
  </div>
  <div class="input-group">
    <i class="fas fa-dollar-sign"></i>
    <input
      id="expenses-amount"
      type="number"
      value=""
      placeholder="Amount of the expenses"
    />
  </div>
  <div class="input-group">
    <label>Date of the expenses</label>
    <input
      id="expenses-date"
      type="date"
      value=""
      placeholder="Date of the expenses"
    />
  </div>

  <button id="submitBtn" type="submit">Submit Plan</button>
</form>
</div>
</div>
</div>
</div>
<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IIRH9sENBO0LRn5q+8nbTov4+1p"
  crossorigin="anonymous"
></script>
<script src="//cdn.jsdelivr.net/npm/sweetalert2@11"></script>
<script src="/src/js/main.js"></script>
</body>

```

</html>

## main.js:

```
var teamsExpList = [];  
let id = 0;
```

```
const createForm = document.getElementById("createForm");  
const teamName = document.getElementById("teamName");  
const projID = document.getElementById("projID");  
const teamMembers = document.getElementById("team-members");  
const mngrID = document.getElementById("mngrID");  
const expensesAmount = document.getElementById("expenses-amount");  
const expensesDate = document.getElementById("expenses-date");
```

```
function createTeamPlan(  
  teamName,  
  projID,  
  teamMembers,  
  mngrID,  
  expensesAmount,  
  expensesDate  
) {  
  if (  
    !teamName.length ||  
    !projID.length ||  
    !teamMembers.length ||  
    !mngrID.length ||  
    !expensesAmount.length ||  
    !expensesDate.length  
  ) {  
    Swal.fire("warning", "some feilds are empty", "danger");  
  } else {  
    const teamDetails = {  
      id: id,  
      teamName,  
      projID,  
      teamMembers,  
      mngrID,  
      expensesAmount,  
      expensesDate,  
    };  
    teamsExpList = JSON.parse(localStorage.getItem("teamsExpList")) || [];
```

```
id++;
projID.value = "";
teamMembers.value = "";
mngrID.value = "";
expensesAmount.value = "";
expensesDate.value = "";
```

```
Swal.fire({
  title: "Are you sure?",
  text: "Are you want to add this Team plan? You won't be able to revert this!",
  icon: "warning",
  showCancelButton: true,
  confirmButtonColor: "#3085d6",
  cancelButtonColor: "#d33",
  confirmButtonText: "Yes, Add it!",
}).then((result) => {
  if (result.isConfirmed) {
    teamsExpList.push(teamDetails);
    const local = localStorage.setItem(
      "teamsExpList",
      JSON.stringify(teamsExpList)
    );
    // console.log(local);
```

```
Swal.fire({
  title: "Added!",
  text: "Team plan Added in the Finance Team page, Want to see it?",
  icon: "success",
  showCancelButton: true,
  confirmButtonColor: "#3085d6",
  cancelButtonColor: "#d33",
  confirmButtonText: "Yes",
}).then((result) => {
  if (result.isConfirmed) {
    window.location.assign("FinanceTeam.html");
  }
});
```

```
}
});
}
```

```
createForm.addEventListener("submit", (e) => {
  e.preventDefault();
```



```

createTeamPlan(
    teamName.value,
    projID.value,
    teamMembers.value,
    mngrID.value,
    expensesAmount.value,
    expensesDate.value
);
});

```

## style.css:

[@import](#)

[url\("https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;600&display=swap"\);](https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;600&display=swap)

```

* {
    box-sizing: border-box;
}

```

```

body {
    margin: 0;
    font-family: Arial;
    background: url("data:image/svg+xml,%3Csvg xmlns='http://www.w3.org/2000/svg'
height='100%25' width='100%25'%3E%3Cdefs%3E%3Cpattern id='doodad' width='300'
height='300' viewBox='0 0 40 40' patternUnits='userSpaceOnUse'
patternTransform='rotate(46)'%3E%3Crect width='100%25' height='100%25' fill='rgba(255,
255, 255,1)'/%3E%3Cpath d='M9.5 9.5h5v5h-5z' fill='rgba(221, 182, 64,0.05)'/%3E%3Cpath
d='M-10-10h60v60h-60zM14 14v12h12v-12z' fill='rgba(125, 151,
132,0.04)'/%3E%3C/pattern%3E%3C/defs%3E%3Crect fill='url(%23doodad)'
height='200%25' width='200%25'/%3E%3C/svg%3E ");
}

```

```

.pageContainer {
    display: flex;
    flex-direction: column;
    justify-content: space-evenly;
    align-items: center;
}

```

```

.signUpPage-container {
    width: 100vw;
    padding: 0;
}

```

```

.navBar {
    background-color: #12637c;
}

```

```
display: flex;
flex-direction: row;
justify-content: space-between;
align-items: center;
padding: 0 2rem;
height: fit-content;
}
ul {
margin: 1.5rem 0;
padding: 0;
text-align: center;
}
```

```
.navBar li {
list-style: none;
display: inline;
width: 100%;
font-size: 14px;
color: #ffffff;
margin: 0 2rem;
font-family: Arial;
}
```

```
.navBar li:hover,
li:focus {
color: #95e4fc;
padding-bottom: 1.2rem;
border-bottom: 3px solid #d9e3e6;
}
```

```
.signUpPage-container {
display: flex;
flex-direction: row;
justify-content: center;
align-items: center;
}
.center-content {
height: 120vh;
display: flex;
flex-direction: row;
justify-content: space-between;
align-items: center;
}
```

```
.formOuter-container {
```

```
height: 650px;
border: 1px solid #d8d8d8;
border-radius: 31px;
padding: 0.2rem 2rem;
cursor: pointer;
box-shadow: rgba(17, 17, 26, 0.1) 0px 0px 16px;
}
```

```
.formInner-container {
width: 491.12px;
height: 400px;
}
```

```
.formInner-container h1 {
margin-top: 1.3rem;
color: #12277c;
font-family: "Open Sans", sans-serif;
}
```

```
.formInner-container p {
color: #12637c;
opacity: 50%;
font-size: 14.03px;
font-family: "Open Sans", sans-serif;
}
```

```
form .input-group {
height: 3.5rem;
padding: 1rem 2rem;
background-color: #d1e2e8;
border-radius: 8.77px;
margin: 1rem 0;
}
```

```
.input-group i {
margin-right: 1rem;
}
```

```
.input-group input {
border: none;
background: transparent;
color: #12277c;
font-size: 15.79px;
/* opacity: 50%; */
width: 250px;
```

```
}
input::placeholder {
  color: #818f93;
}
.input-group label,
i,
th {
  color: #12637c;
}

i.logo {
  color: white;
}

form button {
  height: 4rem;
  width: 100%;
  border: none;
  border-radius: 8.77px;
  background-color: #12637c;
  font-size: 15.79px;
  color: #ffffff;
  cursor: pointer;
}

form button:hover {
  background-color: #12277c;
}
a {
  text-decoration: none;
  color: #ffffff !important;
}

a:hover {
  color: #95e4fc !important;
}

div#expValue {
  height: 70vh;
  overflow-y: scroll;
  padding: 1rem;
  box-shadow: rgba(17, 17, 26, 0.1) 0px 0px 16px;
}

h1 {
```

```
    font-size: 25px;
}

h2 {
    color: #12637c;
    text-align: right;
}

input {
    padding-left: 1rem;
}

.expenses-header {
    border-radius: 1rem;
    padding: 0.5rem;
    box-shadow: rgba(17, 17, 26, 0.05) 0px 1px 0px,
        rgba(17, 17, 26, 0.1) 0px 0px 8px;
}

#expenses {
    height: 20vh;
    overflow-y: scroll;
    margin-bottom: 3rem;
}

#expenses li:hover {
    border-radius: 1rem;
    background-color: #d1e2e8;
    cursor: pointer;
}
```