<!DOCTYPE html>

<html lang="lv">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Personīgā Finanšu Pārvaldība</title>

<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

<style>

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: Arial, sans-serif;

background-color: #f9f9f9;

color: #333;

}

.hidden {

display: none;

}

.container {

width: 100%;

max-width: 400px;

margin: 50px auto;

background: #fff;

border-radius: 8px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

padding: 20px;

}

h1 {

font-size: 24px;

text-align: center;

margin-bottom: 20px;

}

.input-group {

margin-bottom: 15px;

}

.input-group label {

font-size: 14px;

margin-bottom: 5px;

display: block;

}

.input-group input, select {

width: 100%;

padding: 10px;

border: 1px solid #ddd;

border-radius: 4px;

font-size: 14px;

}

.button-group {

display: flex;

justify-content: space-between;

}

.button {

padding: 10px 20px;

font-size: 14px;

border: none;

border-radius: 4px;

cursor: pointer;

text-transform: uppercase;

width: 48%;

}

.button-login {

background-color: #00c8ff;

color: white;

}

.button-register {

background-color: #4CAF50;

color: white;

}

.navigation {

display: flex;

justify-content: space-around;

background: #00c8ff;

padding: 10px 0;

color: white;

}

.navigation button {

background: transparent;

border: none;

color: white;

font-size: 16px;

cursor: pointer;

}

.section {

padding: 20px;

display: none;

}

.section.active {

display: block;

}

.input-field {

width: 100%;

margin-bottom: 10px;

padding: 10px;

border: 1px solid #ddd;

border-radius: 4px;

font-size: 14px;

}

.btn {

padding: 10px 20px;

background-color: #4CAF50;

color: white;

border: none;

border-radius: 4px;

cursor: pointer;

margin-top: 10px;

font-size: 14px;

}

.item-list {

margin-top: 15px;

list-style-type: none;

padding: 0;

}

.item-list li {

margin-bottom: 10px;

padding: 10px;

border: 1px solid #ddd;

border-radius: 4px;

}

.chart-container {

width: 90%;

max-width: 600px;

margin: 20px auto;

}

.reminder-list {

margin-top: 15px;

list-style-type: none;

padding: 0;

}

.reminder-list li {

margin-bottom: 10px;

padding: 10px;

border: 1px solid #ddd;

border-radius: 4px;

}

.filter-group {

display: flex;

justify-content: space-between;

margin-bottom: 20px;

}

.filter-group select {

width: 48%;

}

#customExpenseCategoryDisplay,

#customBudgetCategoryDisplay {

margin-top: 10px;

font-weight: bold;

}

</style>

</head>

<body>

<div id="login-screen" class="container">

<h1>Ielogoties vai Reģistrēties</h1>

<div class="input-group">

<label for="username">Lietotājvārds vai E-pasts</label>

<input type="text" id="username" placeholder="Ievadiet lietotājvārdu vai e-pastu">

</div>

<div class="input-group">

<label for="password">Parole</label>

<input type="password" id="password" placeholder="Ievadiet paroli">

</div>

<div class="button-group">

<button class="button button-login" onclick="login()">Ielogoties</button>

<button class="button button-register" onclick="register()">Reģistrēties</button>

</div>

<div id="error-message" class="error"></div>

</div>

<div id="app-screen" class="hidden">

<div class="navigation">

<button onclick="showSection('income')">Ienākumi</button>

<button onclick="showSection('expense')">Izdevumi</button>

<button onclick="showSection('budget')">Budžets</button>

<button onclick="showSection('visualization')">Vizualizācija</button>

<button onclick="showSection('reminders')">Atgādinājumi</button>

</div>

<!-- Ienākumi -->

<div id="income" class="section active">

<h2>Ienākumi</h2>

<input type="number" id="incomeAmount" class="input-field" placeholder="Ievadiet summu">

<input type="date" id="incomeDate" class="input-field">

<button class="btn" onclick="addIncome()">Pievienot Ienākumus</button>

<ul id="incomeList" class="item-list"></ul>

</div>

<!-- Izdevumi -->

<div id="expense" class="section">

<h2>Izdevumi</h2>

<select id="expenseCategory" class="input-field" onchange="toggleCustomCategory('expense')">

<option value="">Izvēlieties kategoriju</option>

<option value="ēdiens">ēdiens</option>

<option value="transports">transports</option>

<option value="izklaide">izklaide</option>

<option value="cits">Cits (ievadiet)</option>

</select>

<input type="text" id="customExpenseCategory" class="input-field hidden" placeholder="Ievadiet jaunu kategoriju">

<div id="customExpenseCategoryDisplay" class="hidden"></div>

<input type="number" id="expenseAmount" class="input-field" placeholder="Ievadiet summu">

<input type="date" id="expenseDate" class="input-field">

<button class="btn" onclick="addExpense()">Pievienot Izdevumus</button>

<ul id="expenseList" class="item-list"></ul>

</div>

<!-- Budžets -->

<div id="budget" class="section">

<h2>Budžets</h2>

<select id="budgetCategory" class="input-field" onchange="toggleCustomCategory('budget')">

<option value="">Izvēlieties kategoriju</option>

<option value="ēdiens">ēdiens</option>

<option value="transports">transports</option>

<option value="izklaide">izklaide</option>

<option value="cits">Cits (ievadiet)</option>

</select>

<input type="text" id="customBudgetCategory" class="input-field hidden" placeholder="Ievadiet jaunu kategoriju">

<div id="customBudgetCategoryDisplay" class="hidden"></div>

<input type="number" id="budgetAmount" class="input-field" placeholder="Ievadiet summu">

<button class="btn" onclick="addBudget()">Pievienot Budžetu</button>

<ul id="budgetList" class="item-list"></ul>

</div>

<!-- Vizualizācija -->

<div id="visualization" class="section">

<h2>Vizualizācija</h2>

<div class="filter-group">

<select id="periodFilter" class="input-field" onchange="updateCharts()" multiple>

<option value="all">Visi periodi</option>

<!-- Mēneši tiks pievienoti šeit ar JavaScript -->

</select>

</div>

<div class="chart-container">

<canvas id="barChart"></canvas>

</div>

<div class="chart-container">

<canvas id="pieChart"></canvas>

</div>

</div>

<!-- Atgādinājumi -->

<div id="reminders" class="section">

<h2>Atgādinājumi</h2>

<input type="text" id="reminderDescription" class="input-field" placeholder="Atgādinājuma apraksts">

<input type="date" id="reminderDate" class="input-field">

<button class="btn" onclick="addReminder()">Pievienot Atgādinājumu</button>

<ul id="reminderList" class="reminder-list"></ul>

</div>

</div>

<script>

let userLoggedIn = false;

let username = '';

const allowedSymbols = /^[a-zA-Z0-9@.\_-]+$/; // Allowed symbols for login

let incomes = [];

let expenses = [];

let budgets = [];

// Chart.js

let barChart = null;

let pieChart = null;

function login() {

const user = document.getElementById("username").value;

const pass = document.getElementById("password").value;

if (!allowedSymbols.test(user) || !allowedSymbols.test(pass)) {

document.getElementById("error-message").innerText = "Lūdzu, ievadiet derīgu lietotājvārdu un paroli.";

return;

}

userLoggedIn = true;

username = user;

document.getElementById("login-screen").classList.add("hidden");

document.getElementById("app-screen").classList.remove("hidden");

}

function showSection(sectionId) {

const sections = document.querySelectorAll(".section");

sections.forEach(section => section.classList.remove("active"));

document.getElementById(sectionId).classList.add("active");

}

function toggleCustomCategory(type) {

const categoryField = document.getElementById(`${type}Category`);

const customCategoryField = document.getElementById(`custom${type.charAt(0).toUpperCase() + type.slice(1)}Category`);

const customCategoryDisplay = document.getElementById(`custom${type.charAt(0).toUpperCase() + type.slice(1)}CategoryDisplay`);

if (categoryField.value === 'cits') {

customCategoryField.classList.remove("hidden");

} else {

customCategoryField.classList.add("hidden");

customCategoryDisplay.classList.add("hidden");

}

}

function addIncome() {

const amount = document.getElementById("incomeAmount").value;

const date = document.getElementById("incomeDate").value;

if (amount && date) {

incomes.push({ amount: parseFloat(amount), date });

updateCharts();

const incomeList = document.getElementById("incomeList");

const item = document.createElement("li");

item.textContent = `${amount} EUR, ${date}`;

incomeList.appendChild(item);

}

}

function addExpense() {

const category = document.getElementById("expenseCategory").value

const customCategory = document.getElementById('customExpenseCategoryDisplay');

const amount = document.getElementById("expenseAmount").value;

const date = document.getElementById("expenseDate").value;

if (category && amount && date) {

expenses.push({ category, amount: parseFloat(amount), date });

updateCharts();

const expenseList = document.getElementById("expenseList");

const item = document.createElement("li");

if (category === "cits") {

item.textContent = `${customCategory}: ${amount} EUR, ${date}`;

} else {

item.textContent = `${category}: ${amount} EUR, ${date}`;

}

expenseList.appendChild(item);

}

}

function addBudget() {

const category = document.getElementById("budgetCategory").value;

const customCategory = document.getElementById("customBudgetCategory").value;

const amount = document.getElementById("budgetAmount").value;

if (category && amount) {

budgets.push({ category, amount: parseFloat(amount) });

const budgetList = document.getElementById("budgetList");

const item = document.createElement("li");

if (category === "cits") {

item.textContent = `${customCategory}: ${amount} EUR`;

} else {

item.textContent = `${category}: ${amount} EUR`;

}

budgetList.appendChild(item);

}

}

function updateCharts() {

const selectedPeriods = Array.from(document.getElementById("periodFilter").selectedOptions).map(option => option.value);

// Filter incomes and expenses based on selected periods

const filteredIncomes = selectedPeriods.length === 0 || selectedPeriods.includes("all") ? incomes : incomes.filter(item => selectedPeriods.includes(item.date.slice(0, 7)));

const filteredExpenses = selectedPeriods.length === 0 || selectedPeriods.includes("all") ? expenses : expenses.filter(item => selectedPeriods.includes(item.date.slice(0, 7)));

const totalIncome = filteredIncomes.reduce((acc, income) => acc + income.amount, 0);

const totalExpense = filteredExpenses.reduce((acc, expense) => acc + expense.amount, 0);

// Update the period dropdown to only show months with data

const periodSelect = document.getElementById("periodFilter");

const monthsWithData = new Set([

...filteredIncomes.map(income => income.date.slice(0, 7)),

...filteredExpenses.map(expense => expense.date.slice(0, 7))

]);

periodSelect.innerHTML = '<option value="all">Visi periodi</option>';

monthsWithData.forEach(month => {

const option = document.createElement("option");

option.value = month;

option.textContent = month;

periodSelect.appendChild(option);

});

// Bar chart update

if (barChart) {

barChart.destroy();

}

const barCtx = document.getElementById("barChart").getContext("2d");

barChart = new Chart(barCtx, {

type: "bar",

data: {

labels: ["Ienākumi", "Izdevumi"],

datasets: [{

label: "EUR",

data: [totalIncome, totalExpense],

backgroundColor: ["#00c8ff", "#ff4d4d"],

borderColor: ["#00b8e6", "#e60000"],

borderWidth: 1

}]

},

options: {

responsive: true,

scales: {

y: {

beginAtZero: true

}

}

}

});

// Pie chart update

if (pieChart) {

pieChart.destroy();

}

const pieCtx = document.getElementById("pieChart").getContext("2d");

pieChart = new Chart(pieCtx, {

type: "pie",

data: {

labels: ["Ienākumi", "Izdevumi"],

datasets: [{

label: "EUR",

data: [totalIncome, totalExpense],

backgroundColor: ["#00c8ff", "#ff4d4d"]

}]

}

});

}

function addReminder() {

const description = document.getElementById("reminderDescription").value;

const date = document.getElementById("reminderDate").value;

if (description && date) {

const reminderList = document.getElementById("reminderList");

const item = document.createElement("li");

item.textContent = `${description} - ${date}`;

reminderList.appendChild(item);

}

}

</script>

</body>

</html>