const menuEl=document.getElementById('menu');

const allergenSelect=document.getElementById('allergenFilter');

const modal=document.getElementById('modal');

let editing=null;

function uniqueAllergens(){

return [...new Set(menu.flatMap(d=>d.allergens))];

}

function renderFilters(){

allergenSelect.innerHTML='';

uniqueAllergens().forEach(a=>{

const opt=document.createElement('option');

opt.value=a;

opt.textContent=a;

allergenSelect.appendChild(opt);

});

}

function render(){

const q=document.getElementById('search').value.toLowerCase();

const sel=Array.from(allergenSelect.selectedOptions).map(o=>o.value);

const exclude=document.getElementById('ingredientFilter').value.split(',').map(s=>s.trim().toLowerCase()).filter(Boolean);

menuEl.innerHTML='';

menu.forEach(d=>{

if(q && !d.name.toLowerCase().includes(q) && !d.ingredients.join(' ').toLowerCase().includes(q)) return;

if(sel.length && d.allergens.some(a=>sel.includes(a))) return;

if(exclude.length && d.ingredients.some(i=>exclude.includes(i.toLowerCase()))) return;

const art=document.createElement('article');

art.className='dish';

art.innerHTML=`<div class='dish-header'><h2>${d.name}</h2><div class='dish-price'>${d.price.toFixed(2)} €</div></div>

<ul class='ingredients'>${d.ingredients.map(i=>`<li>${i}</li>`).join('')}</ul>

<div class='allergens'>Alérgenos: ${d.allergens.join(', ')}</div>

<div class='dish-actions'><button class='edit'>Editar ingredientes</button></div>`;

art.querySelector('.edit').onclick=()=>openEditModal(d.id);

menuEl.appendChild(art);

});

}

function openEditModal(id){

editing=id;

const dish=menu.find(x=>x.id===id);

const body=document.getElementById('modal-body');

body.innerHTML='';

dish.ingredients.forEach((ing,i)=>{

const div=document.createElement('div');

div.innerHTML=`<input value='${ing}' data-index='${i}'/><button class='del'>✕</button>`;

div.querySelector('.del').onclick=()=>div.remove();

body.appendChild(div);

});

const add=document.createElement('button');

add.textContent='Añadir ingrediente';

add.onclick=()=>{

const div=document.createElement('div');

div.innerHTML=`<input placeholder='Nuevo ingrediente'/><button class='del'>✕</button>`;

div.querySelector('.del').onclick=()=>div.remove();

body.appendChild(div);

};

body.appendChild(add);

modal.classList.remove('hidden');

}

document.getElementById('cancel-modal').onclick=()=>modal.classList.add('hidden');

document.getElementById('save-modal').onclick=()=>{

const dish=menu.find(x=>x.id===editing);

const inputs=document.querySelectorAll('#modal-body input');

dish.ingredients=Array.from(inputs).map(i=>i.value.trim()).filter(Boolean);

modal.classList.add('hidden');

render();

};

document.getElementById('search').oninput=render;

document.getElementById('ingredientFilter').oninput=render;

allergenSelect.onchange=render;

document.getElementById('reset').onclick=()=>{

document.getElementById('search').value='';

document.getElementById('ingredientFilter').value='';

Array.from(allergenSelect.options).forEach(o=>o.selected=false);

render();

};

renderFilters();

render();