function validateForm() {

clearErrorMessages();

const name = document.getElementsByName('productName')[0].value;

const description = document.getElementById('descriptionid').value;

const brand = document.getElementsByName('brand')[0].value;

const price = document.getElementsByName('regularPrice')[0].value;

const saleprice = document.getElementsByName('salePrice')[0].value;

const color = document.getElementsByName('color')[0].value;

const category = document.getElementsByName('category')[0].value;

const images = document.getElementById('input1')

const quantity=document.getElementsByName('quantity')

let isValid = true

if (name.trim() === "") {

displayErrorMessage('productName-error', 'Please enter a product name.');

isValid = false;

} else if (!/^[a-zA-Z\s]+$/.test(name.trim())) {

displayErrorMessage('productName-error', 'Product name should contain only alphabetic characters.');

isValid = false;

}

if (description.trim() === "") {

displayErrorMessage('description-error', 'Please enter a product description.');

isValid = false;

} else if (!/^[a-zA-Z\s]+$/.test(description.trim())) {

displayErrorMessage('description-error', 'Product description should contain only alphabetic characters.');

isValid = false;

}

if ( parseInt(quantity) < 0) {

displayErrorMessage('quantity-error', 'Please enter a valid non-negative quantity.');

isValid = false;

}

if (!/^\d+(\.\d{1,2})?$/.test(price) || parseFloat(price) < 0) {

displayErrorMessage('regularPrice-error', 'Please enter a valid non-negative price.');

isValid = false;

}

if (!/^\d+(\.\d{1,2})?$/.test(saleprice) || parseFloat(saleprice) < 0) {

displayErrorMessage('salePrice-error', 'Please enter a valid non-negative price.');

isValid = false;

}

if (parseFloat(price) <= parseFloat(saleprice)) {

displayErrorMessage('regularPrice-error', 'Regular price must be greater than sale price.');

isValid = false;

}

if (color.trim() === "") {

displayErrorMessage('color-error', 'Please enter a color.');

isValid = false;

}

if (images.files.length === 0) {

displayErrorMessage("images-error",'Please select an image.');

isValid = false;

}

return isValid;

}

function displayErrorMessage(elementId, message) {

var errorElement = document.getElementById(elementId);

errorElement.innerText = message;

errorElement.style.display = "block";

}

function clearErrorMessages() {

const errorElements = document.getElementsByClassName('error-message');

Array.from(errorElements).forEach(element => {

element.innerText = '';

});

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

}