const apiKey = 'YOUR\_API\_KEY';

// Function to handle book search

function searchBooks() {

const searchTerm = document.getElementById('searchTerm').value;

const searchUrl = `https://www.googleapis.com/books/v1/volumes?q=${searchTerm}&maxResults=60&key=${apiKey}`;

fetch(searchUrl)

.then(response => response.json())

.then(data => {

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

results.innerHTML = '';

data.items.forEach(book => {

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

bookDiv.innerHTML = `

<h3><a href="book-details.html?id=${book.id}">${book.volumeInfo.title}</a></h3>

<img src="${book.volumeInfo.imageLinks?.thumbnail}" alt="${book.volumeInfo.title}">

`;

results.appendChild(bookDiv);

});

// Pagination logic (optional)

})

.catch(error => console.error('Error:', error));

}

// Function to display book details

function displayBookDetails() {

const urlParams = new URLSearchParams(window.location.search);

const bookId = urlParams.get('id');

const detailsUrl = `https://www.googleapis.com/books/v1/volumes/${bookId}?key=${apiKey}`;

fetch(detailsUrl)

.then(response => response.json())

.then(data => {

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

const book = data.volumeInfo;

bookDetails.innerHTML = `

<h2>${book.title}</h2>

<img src="${book.imageLinks?.thumbnail}" alt="${book.title}">

<p><strong>Authors:</strong> ${book.authors?.join(', ')}</p>

<p><strong>Publisher:</strong> ${book.publisher}</p>

<p><strong>Published Date:</strong> ${book.publishedDate}</p>

<p><strong>Description:</strong> ${book.description}</p>

`;

})

.catch(error => console.error('Error:', error));

}

// Function to display public bookshelf

function displayBookshelf() {

const bookshelfId = 'YOUR\_BOOKSHELF\_ID'; // Replace with your public bookshelf ID

const bookshelfUrl = `https://www.googleapis.com/books/v1/mylibrary/bookshelves/${bookshelfId}/volumes?key=${apiKey}`;

fetch(bookshelfUrl)

.then(response => response.json())

.then(data => {

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

data.items.forEach(book => {

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

bookDiv.innerHTML = `

<h3><a href="book-details.html?id=${book.id}">${book.volumeInfo.title}</a></h3>

<img src="${book.volumeInfo.imageLinks?.thumbnail}" alt="${book.volumeInfo.title}">

`;

bookshelf.appendChild(bookDiv);

});

})

.catch(error => console.error('Error:', error));

}

// Initialize the correct page based on the URL

window.onload = function() {

if (window.location.pathname.includes('book-details.html')) {

displayBookDetails();

} else if (window.location.pathname.includes('bookshelf.html')) {

displayBookshelf();

}

};