**Script.js**

// Firebase configuration (replace with your own)

var firebaseConfig = {

apiKey: "YOUR\_API\_KEY",

authDomain: "YOUR\_AUTH\_DOMAIN",

projectId: "YOUR\_PROJECT\_ID",

appId: "YOUR\_APP\_ID"

};

// Initialize Firebase

firebase.initializeApp(firebaseConfig);

// Google Login

function loginWithGoogle() {

var provider = new firebase.auth.GoogleAuthProvider();

signInWithProvider(provider);

}

// Facebook Login

function loginWithFacebook() {

var provider = new firebase.auth.FacebookAuthProvider();

signInWithProvider(provider);

}

// Sign in with provider

function signInWithProvider(provider) {

firebase.auth().signInWithPopup(provider)

.then(function(result) {

// Redirect to next page after successful login

window.location.href = "library.html";

})

.catch(function(error) {

console.log(error);

});

}

// Sign in with username and password

function login() {

var username = document.getElementById("username").value;

var password = document.getElementById("password").value;

// Implement your own authentication logic here

// Redirect to next page after successful login

window.location.href = "library.html";

return false; // Prevent form submission

}