ISP MANAGEMENT SYSTEM(AIRTEL)

Project Report of Web Programming

Submitted by

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Under the Guidance Of

PROF. Artika Singh

In partial fulfillment for the award of the degree of

MBA Tech. COMPUTER ENGINEERING At

MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

NMIMS (Deemed –to-be University)

JVPD Scheme Bhaktivedanta Swami Marg,

Ville Parle (W), Mumbai-400 056.

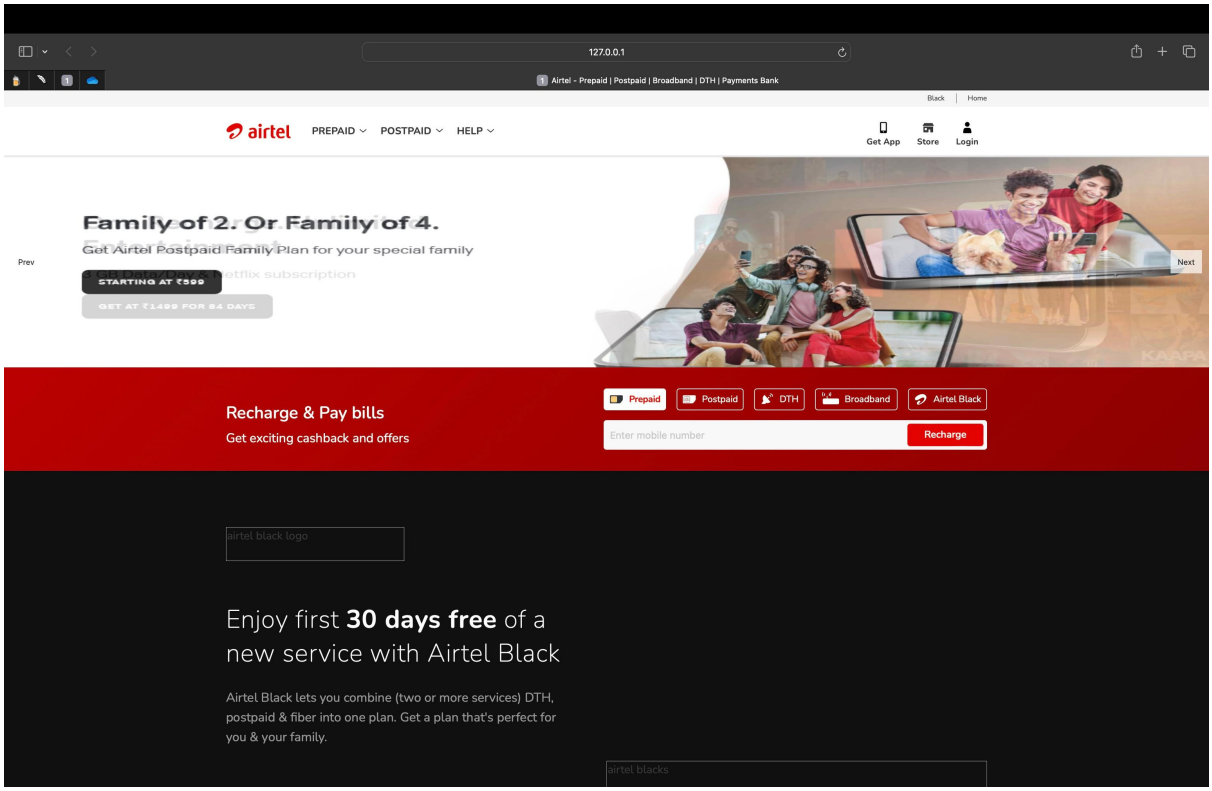
2023-2024

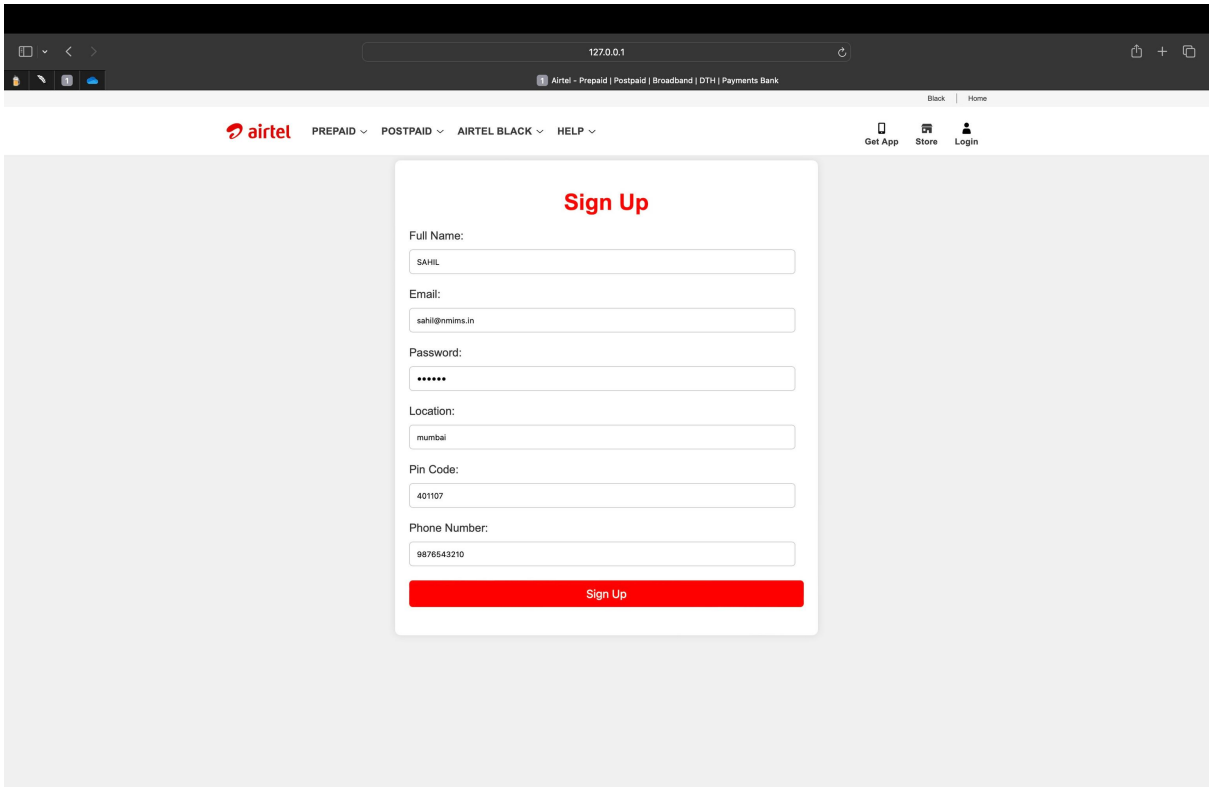
ISP MANAGEMENT SYSTEM(AIRTEL)

INTRODUCTION:

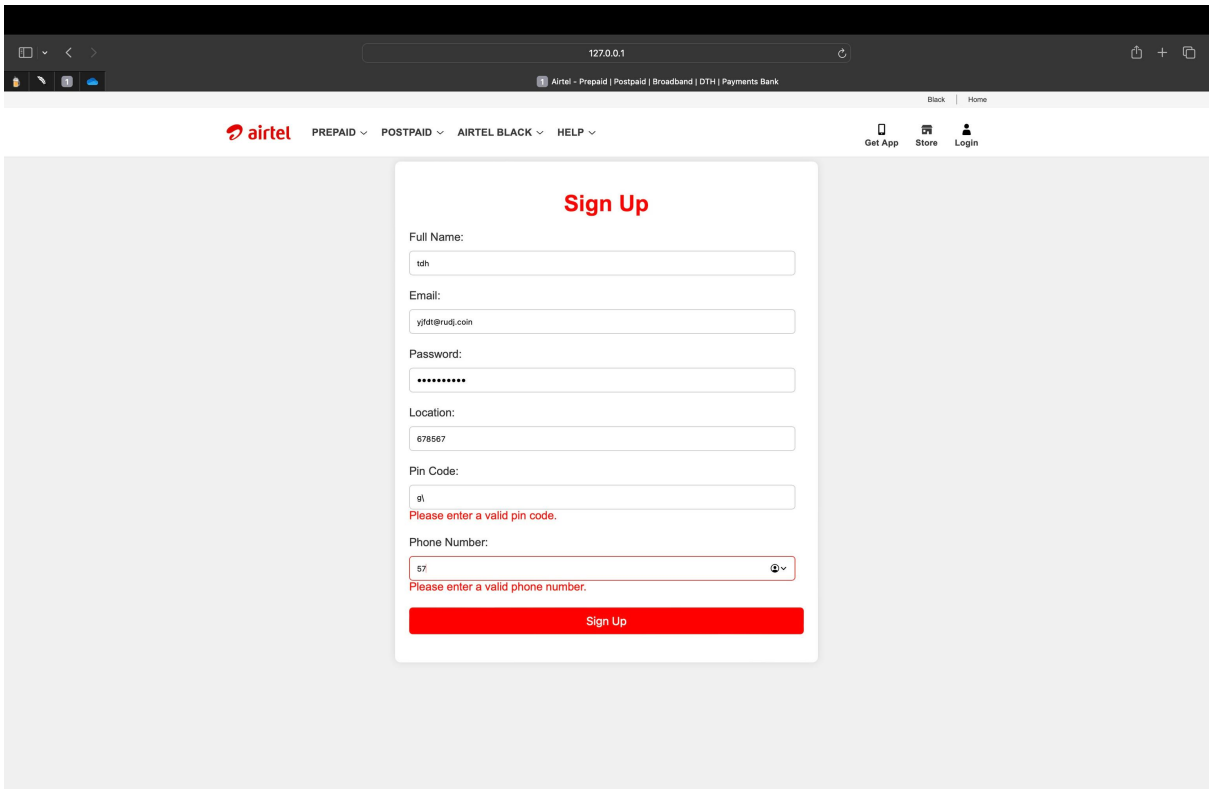
The ISP Management System i.e The Airtel clone website is a project aimed at replicating the core functionalities and features of the original Airtel India website. Created as a learning exercise, this clone website serves as a platform for students to explore web development concepts, user interface design, and e-commerce functionalities within the context of a real-world application. By emulating the structure and design of the Airtel website, we gain practical experience in coding, design principles, and project management while honing their skills in a collaborative setting. Through this project, we endeavor to understand the intricacies of website development while showcasing their creativity and innovation in creating a functional clone of a prominent Internet service provider's website.

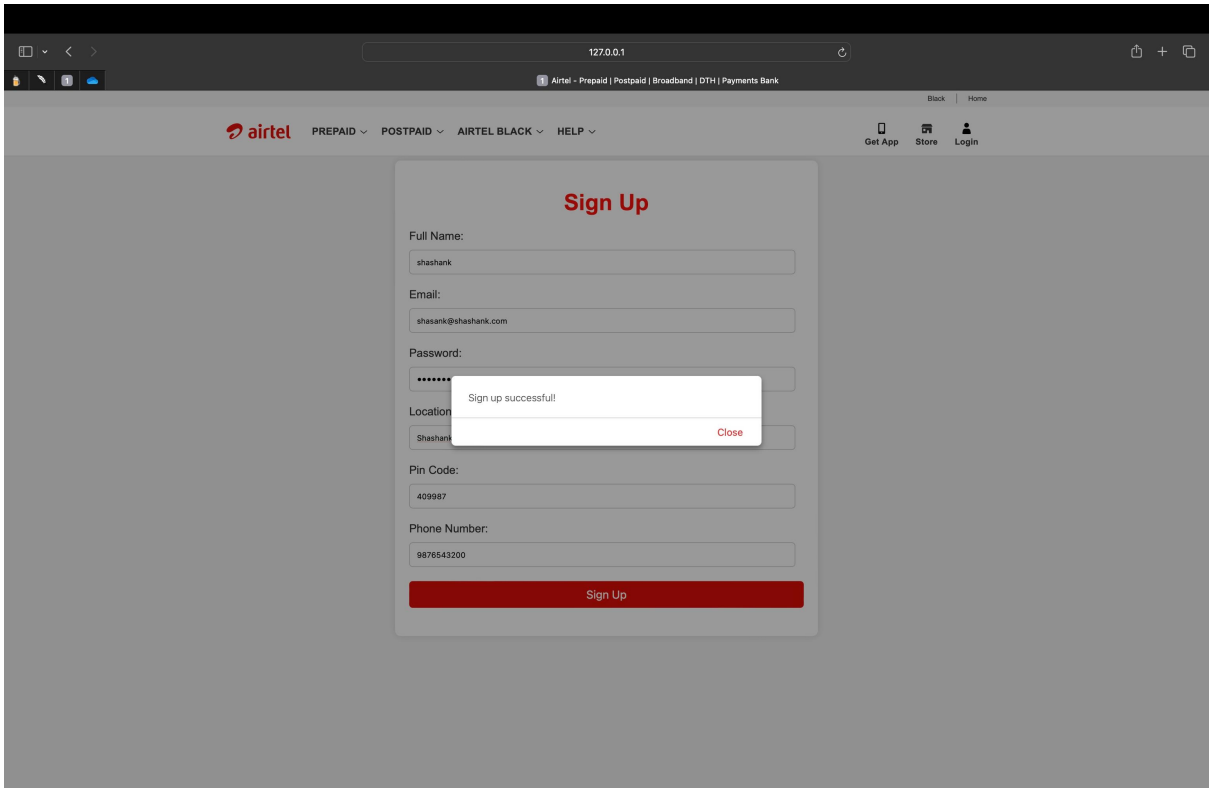
SCREENSHOTS OF THE WEBSITE:-

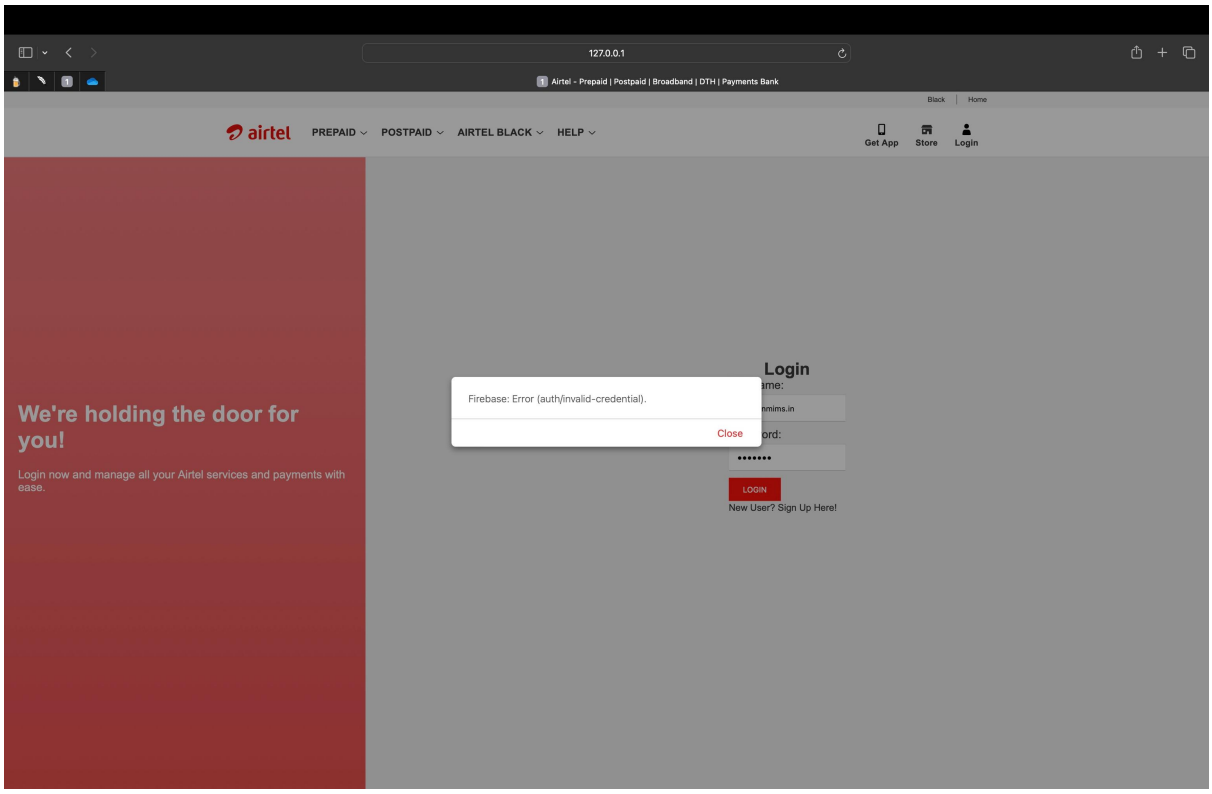


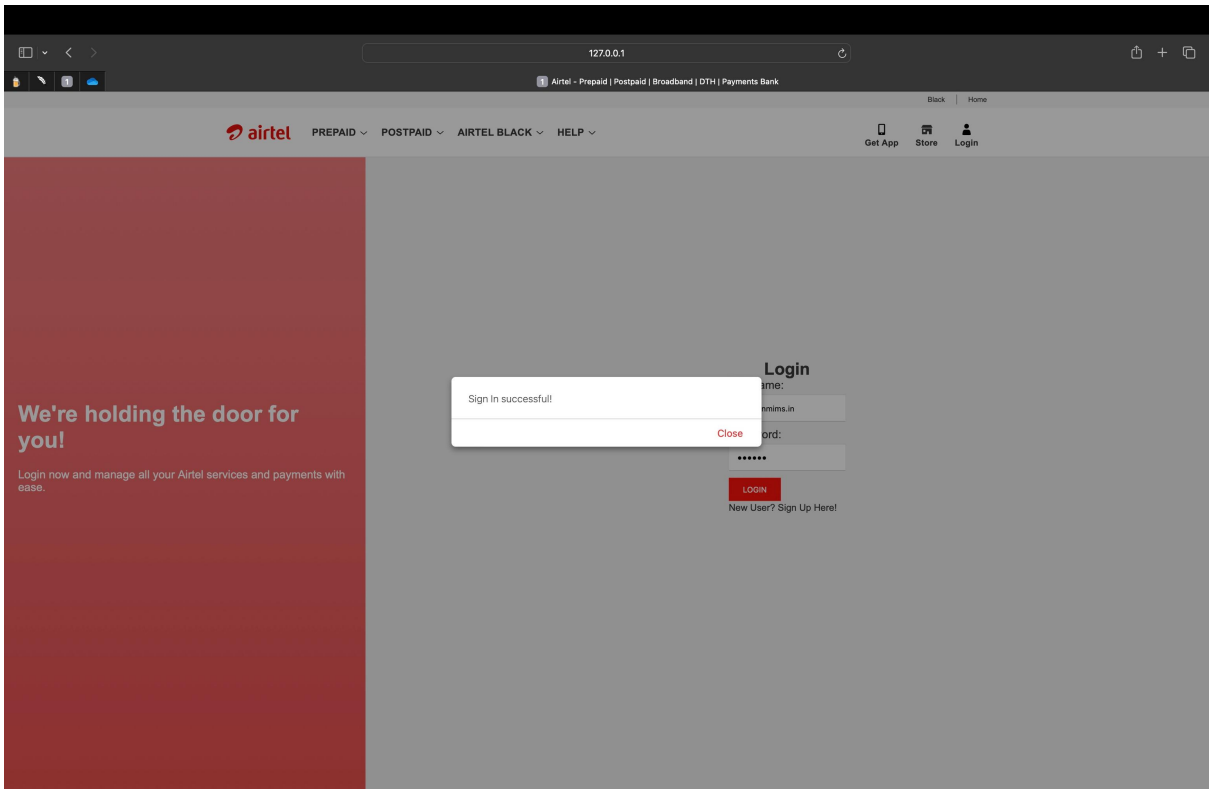


FORM VALIDATION:






127.0.0.1
Airtel - Prepaid | Postpaid | Broadband | DTH | Payments Bank
Black | Home
airtel
PREPAID
POSTPAID
AIRTEL BLACK
HELP
Get App
Store
Login
We're holding the door for you!
Login now and manage all your Airtel services and payments with ease.
Firebase: Error (auth/invalid-credential).
Close
Login
LOGIN
New User? Sign Up Here!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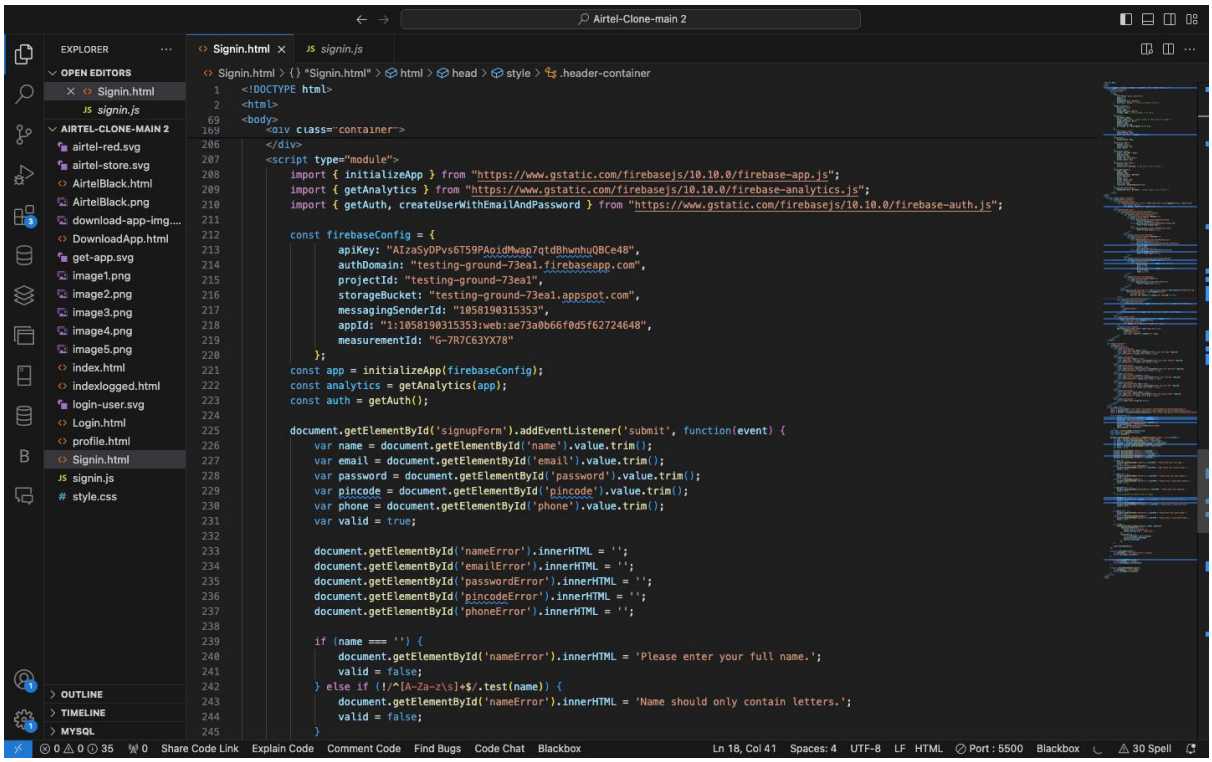
FORM VALIDATION LOGIC:



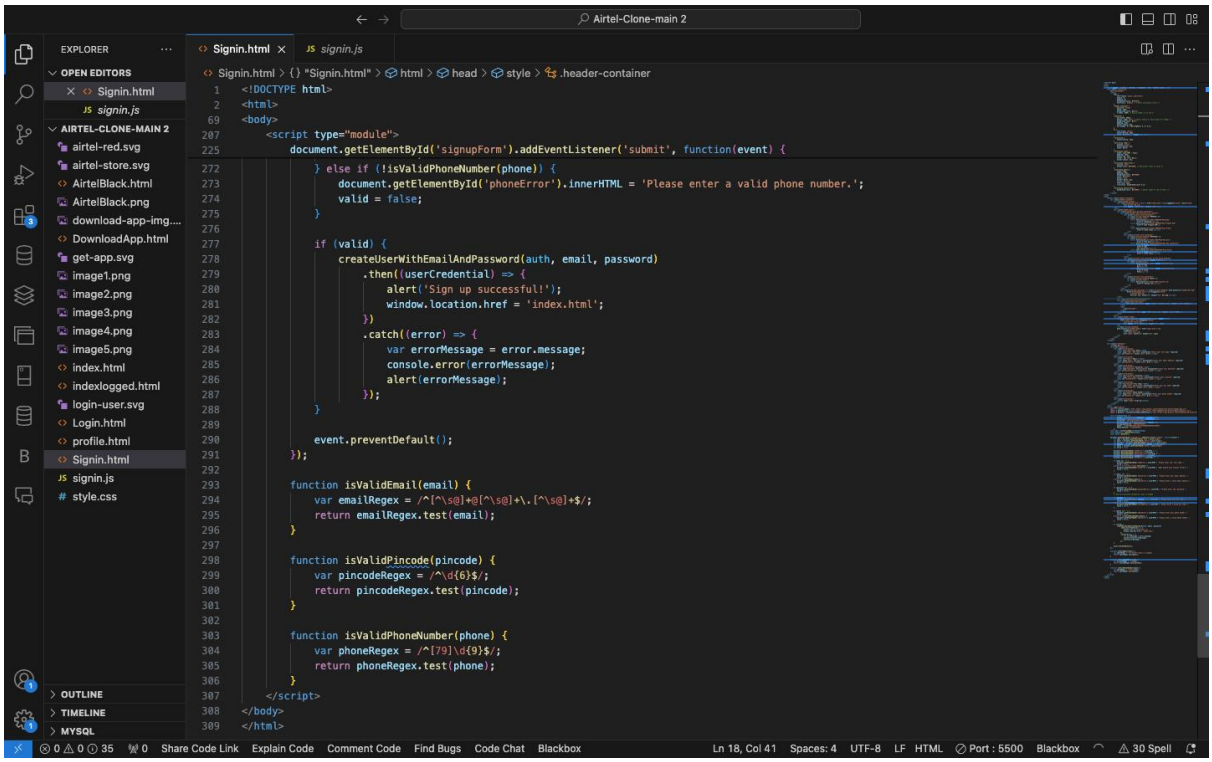
```
<!DOCTYPE html>
<html>
<body>
    <div class="container">
    </div>
    <script type="module">
        import { initializeApp } from "https://www.gstatic.com/firebasejs/10.10.0/firebase-app.js";
        import { getAnalytics } from "https://www.gstatic.com/firebasejs/10.10.0/firebase-analytics.js";
        import { getAuth, createUserWithEmailAndPassword } from "https://www.gstatic.com/firebasejs/10.10.0/firebase-auth.js";

        const firebaseConfig = {
                apiKey: "AIzaSyDPvs6T59PAoidMwap7qtdBhwnhuQBCe48",
                authDomain: "testing-ground-73ea1.firebaseapp.com",
                projectId: "testing-ground-73ea1",
                storageBucket: "testing-ground-73ea1.appspot.com",
                messagingSenderId: "1058190315353",
                appId: "1:1058190315353:web:ae73a0b66f0d5f62724648",
                measurementId: "G-7R7C63YX78"
            };
        const app = initializeApp(firebaseConfig);
        const analytics = getAnalytics(app);
        const auth = getAuth();

        document.getElementById('signupForm').addEventListener('submit', function(event) {
            var name = document.getElementById('name').value.trim();
            var email = document.getElementById('email').value.trim();
            var password = document.getElementById('password').value.trim();
            var pincode = document.getElementById('pincode').value.trim();
            var phone = document.getElementById('phone').value.trim();
            var valid = true;

            document.getElementById('nameError').innerHTML = '';
            document.getElementById('emailError').innerHTML = '';
            document.getElementById('passwordError').innerHTML = '';
            document.getElementById('pincodeError').innerHTML = '';
            document.getElementById('phoneError').innerHTML = '';

            if (name === '') {
                document.getElementById('nameError').innerHTML = 'Please enter your full name.';
                valid = false;
            } else if (!/^[A-Za-z\s]+$/.test(name)) {
                document.getElementById('nameError').innerHTML = 'Name should only contain letters.';
                valid = false;
            }
```



```
<!DOCTYPE html>
<html>
<body>
    <script type="module">
        document.getElementById('signupForm').addEventListener('submit', function(event) {
            } else if (!isValidPhoneNumber(phone)) {
                document.getElementById('phoneError').innerHTML = 'Please enter a valid phone number.';
                valid = false;
            }

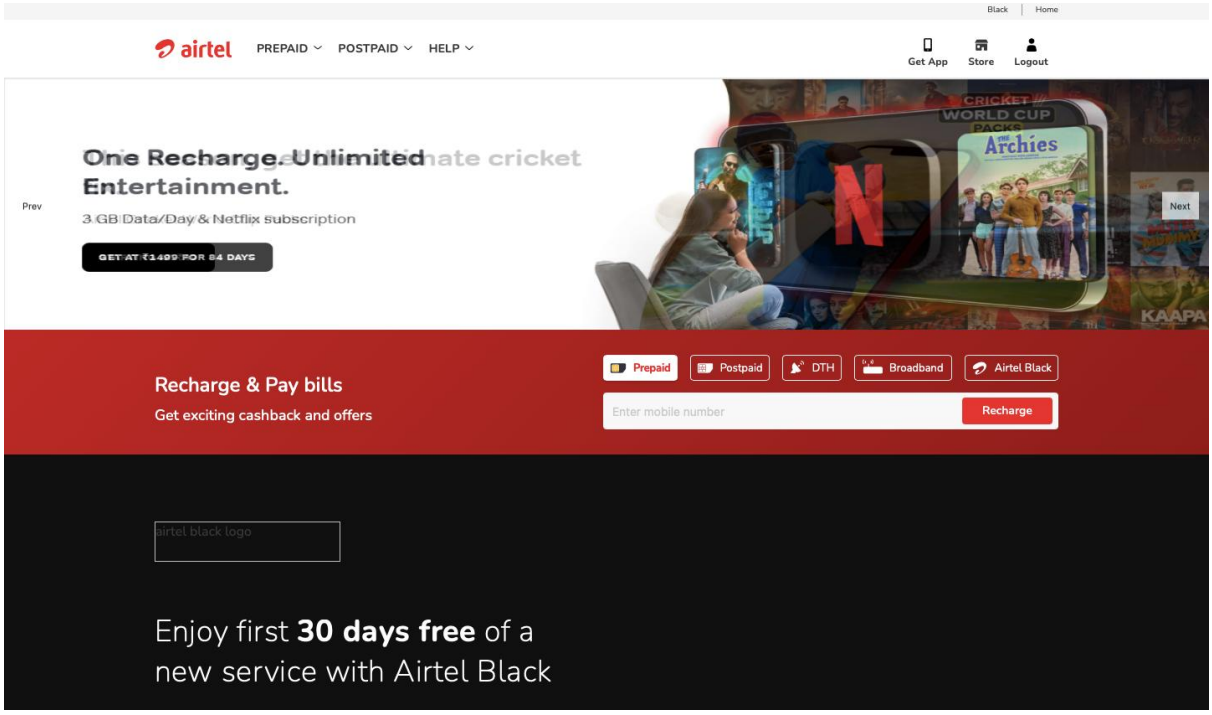
            if (valid) {
                createUserWithEmailAndPassword(auth, email, password)
                    .then((userCredential) => {
                        alert('Sign up successful!');
                        window.location.href = 'index.html';
                    })
                    .catch((error) => {
                        var errorMessage = error.message;
                        console.error(errorMessage);
                        alert(errorMessage);
                    });
            }

            event.preventDefault();
        });

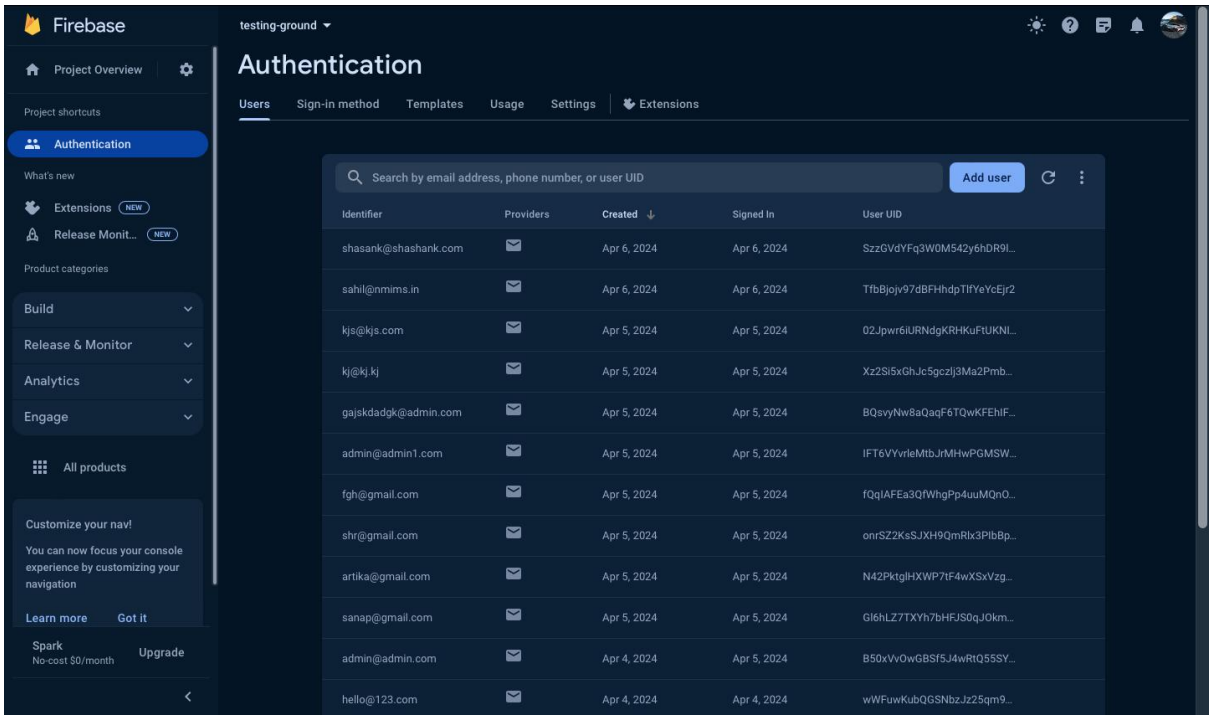
        function isValidEmail(email) {
            var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
            return emailRegex.test(email);
        }

        function isValidPincode(pincode) {
            var pincodeRegex = /^\d{6}$/;
            return pincodeRegex.test(pincode);
        }

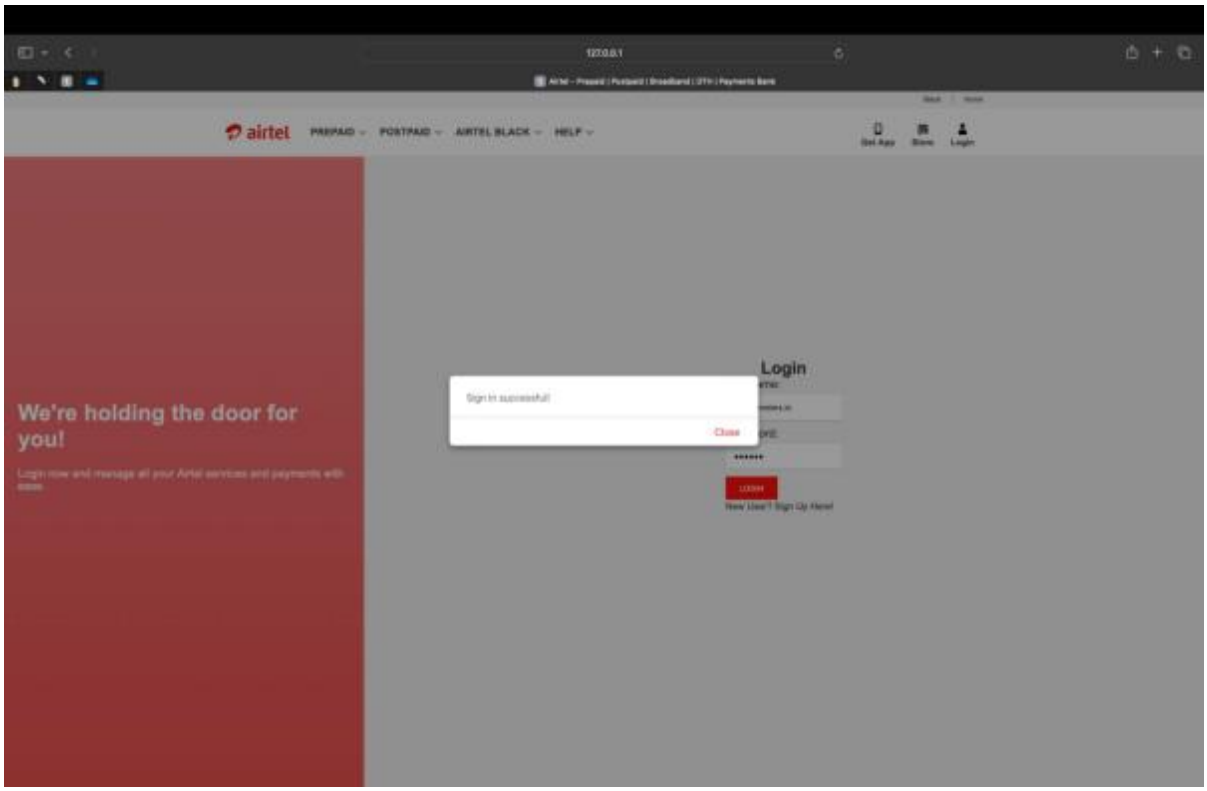
        function isValidPhoneNumber(phone) {
            var phoneRegex = /^[79]\d{9}$/;
            return phoneRegex.test(phone);
        }
    </script>
</body>
</html>
```

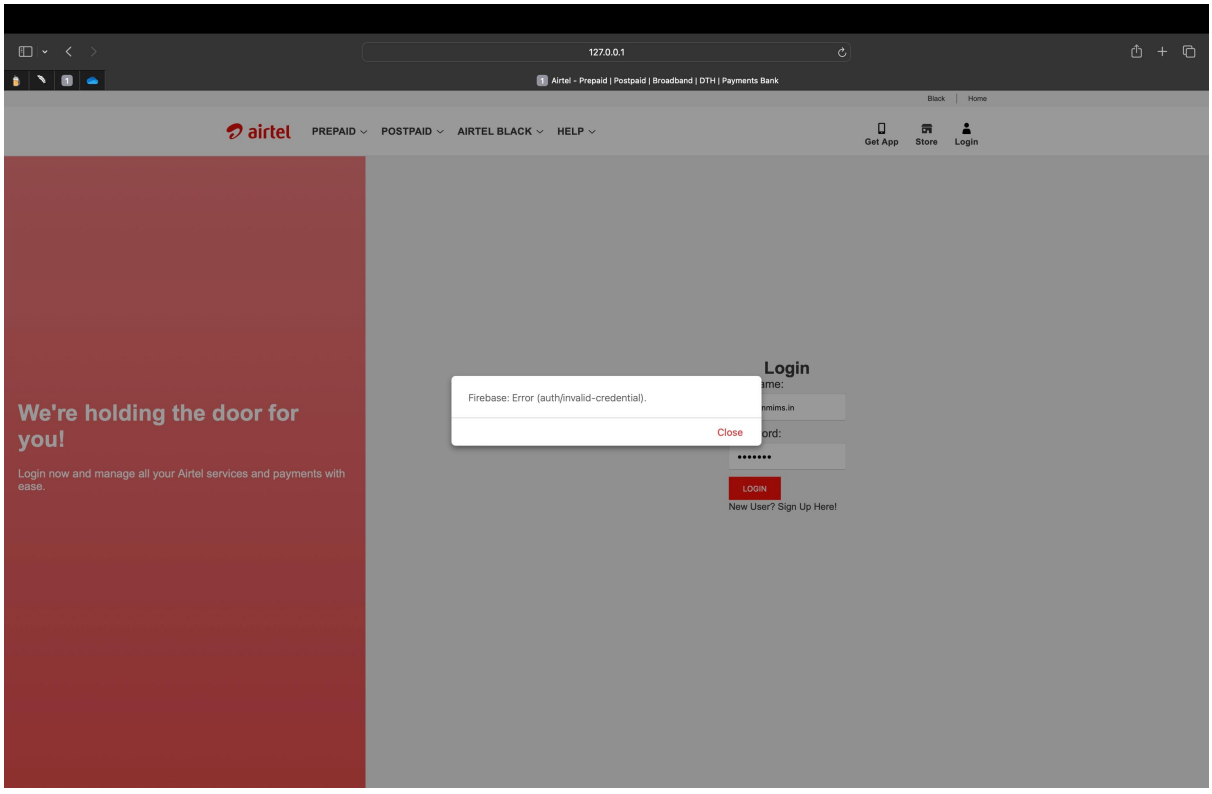


DATABASE CONNECTIVITY WITH TEST CASES:



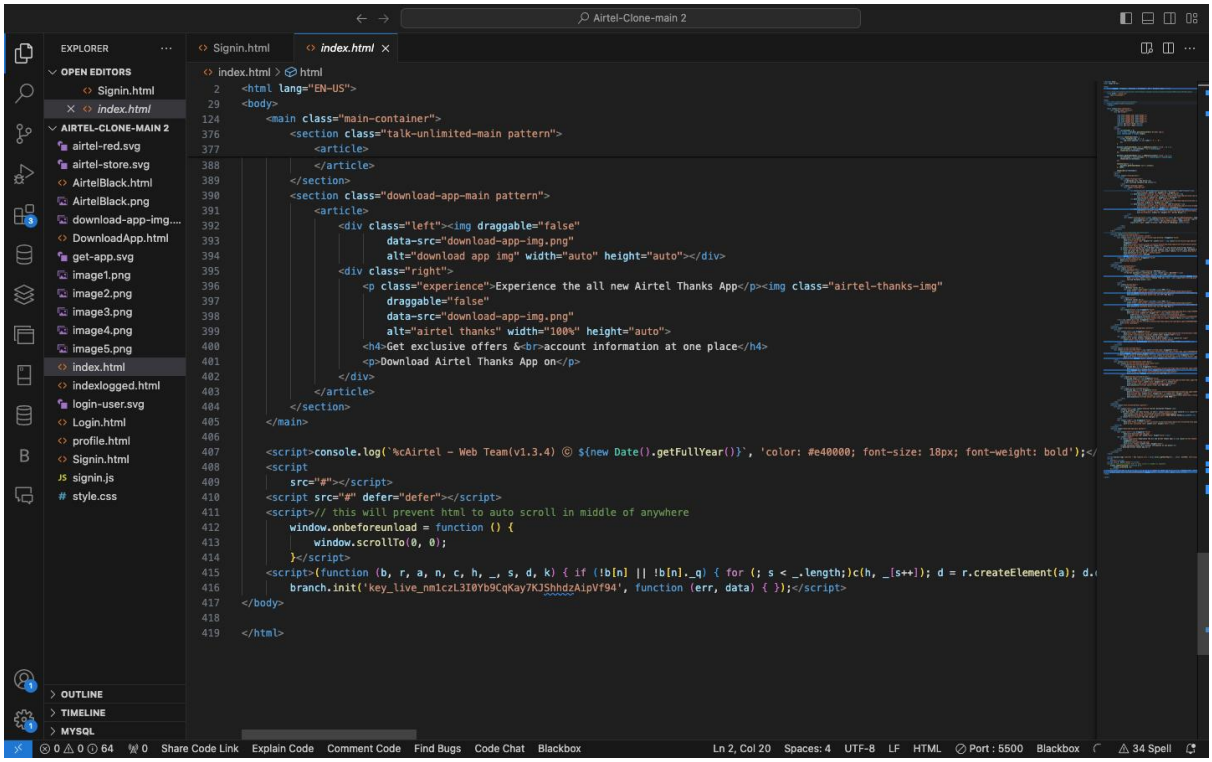
DATABASE FETCHING:



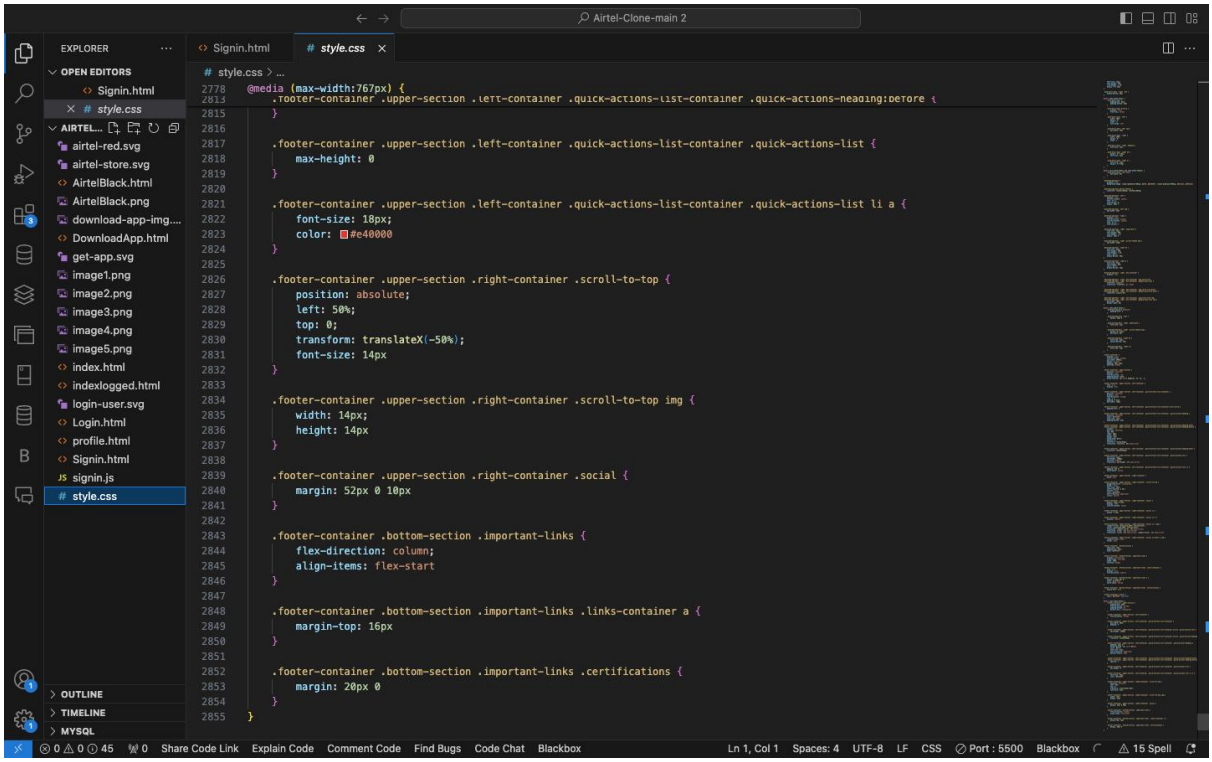


SCREENSHOTS OF THE CODE BASE:-

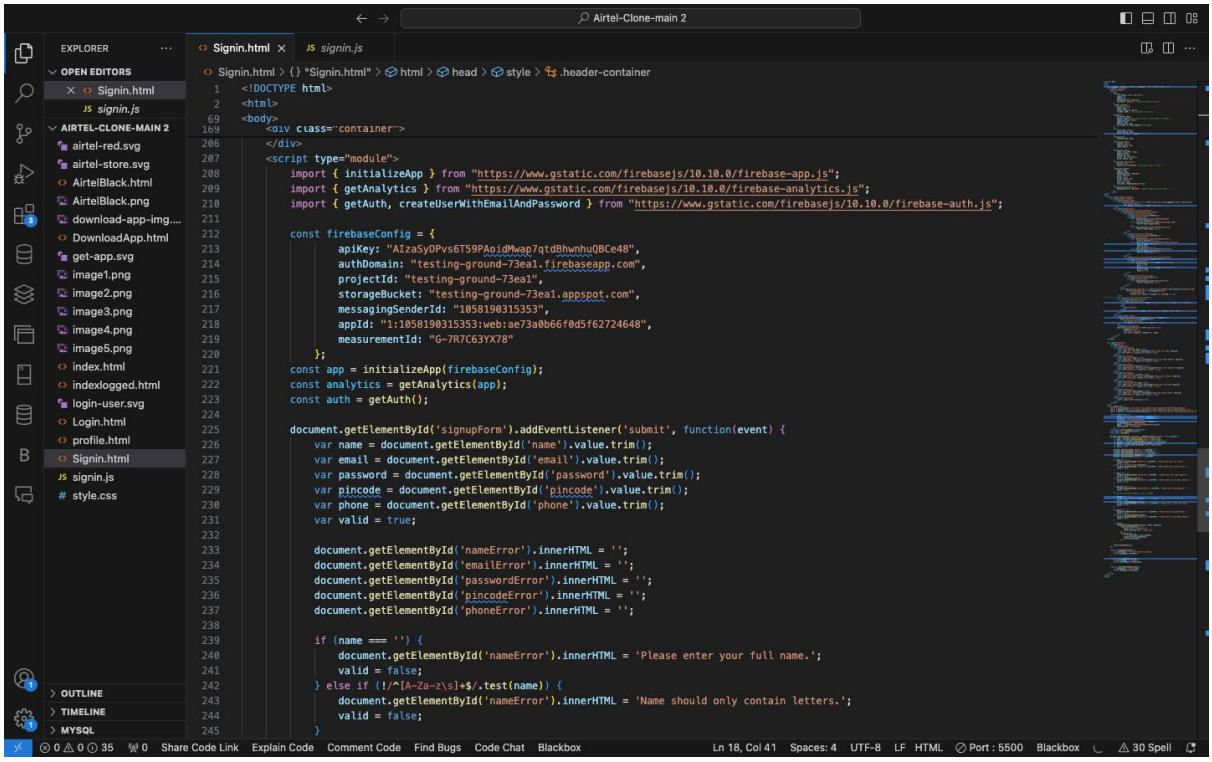
HTML:



CSS:



JS (INTERNAL):



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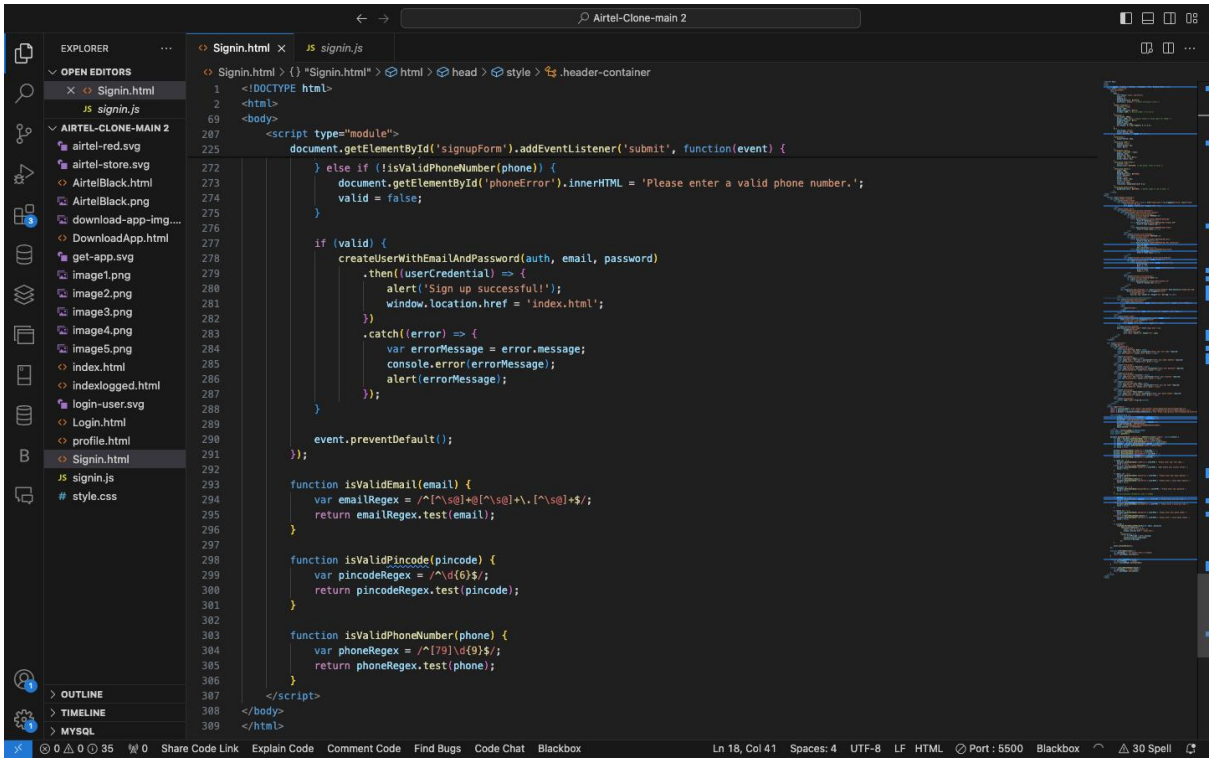

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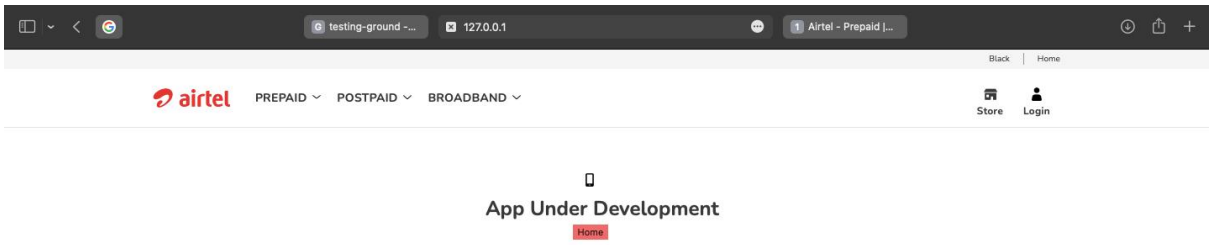
    </script>
</body>
</html>
```

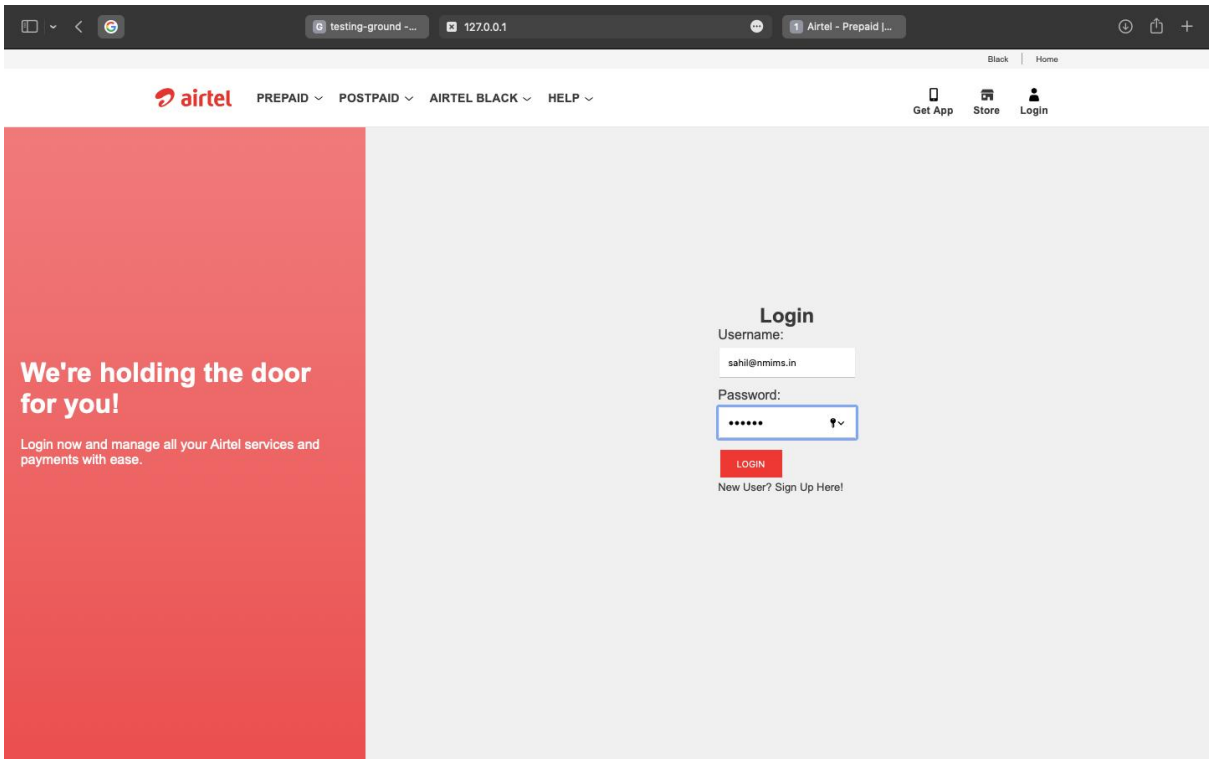
Key features of Website:-

- Atmost Airtel.in clone Home Page

- Some Navigation Bar Features working example Get our APP etc.
- Dedicated Login Page with has to be put in proper credentials unless it won't proceed further.
- SignUp Page in which details to be filled properly.
- Home Page with a Logout Button
- Advertisement Hovering.
- Emails and Passwords could be saved with proper database connectivity and query performance using Firebase Authentication.

Other Screenshots:-




testing-ground -...
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