

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sign Up</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div id="auth-container">
    <h2>Sign Up</h2>
    <input type="email" id="signup-email" placeholder="Email" required>
    <input type="password" id="signup-password" placeholder="Password" required>
    <button id="signup-btn">Sign Up</button>
    <p>Already have an account? <a href="login.html">Login</a></p>
    <button id="google-btn">Continue with Google</button>
  </div>

  <script src="app.js" type="module"></script>
</body>
</html>
```

login.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Login</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div id="auth-container">
    <h2>Login</h2>
    <input type="email" id="login-email" placeholder="Email" required>
    <input type="password" id="login-password" placeholder="Password" required>
    <button id="login-btn">Login</button>
    <p>Don't have an account? <a href="index.html">Sign Up</a></p>
    <p>Forgot password? <a href="#" id="reset-password-link">Reset Password</a></p>
    <button id="google-btn">Continue with Google</button>
  </div>

  <script src="app.js" type="module"></script>
</body>
</html>
```

welcome.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Welcome</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div id="welcome-page">
    <h2>Welcome, <span id="user-email"></span>!</h2>
    <button id="logout-btn">Logout</button>
  </div>

  <script src="app.js" type="module"></script>
</body>
</html>
```

style.css

```
body {
  font-family: Arial, sans-serif;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  margin: 0;
  background-color: #f4f4f9;
}

#auth-container, #welcome-page {
  background: white;
  padding: 2rem;
  border-radius: 8px;
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
  width: 300px;
  text-align: center;
}

input {
  padding: 0.5rem;
  border: 1px solid #ccc;
  border-radius: 4px;
  width: 100%;
  margin-bottom: 1rem;
}
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button {
  padding: 0.5rem;
  border: none;
  border-radius: 4px;
  background-color: #007bff;
  color: white;
  cursor: pointer;
  width: 100%;
}

button:hover {
  background-color: #0056b3;
}

a {
  color: #007bff;
  text-decoration: none;
}

a:hover {
  text-decoration: underline;
}

```

app.js

```

import { initializeApp } from "https://www.gstatic.com/firebasejs/11.4.0/firebase-app.js";
import { getAuth, createUserWithEmailAndPassword, signInWithEmailAndPassword, signOut,
signInWithPopup, GoogleAuthProvider, onAuthStateChanged, sendPasswordResetEmail,} from
"https://www.gstatic.com/firebasejs/11.4.0/firebase-auth.js";
import { getAnalytics } from "https://www.gstatic.com/firebasejs/11.4.0/firebase-
analytics.js";

// Firebase Configuration
const firebaseConfig = {
  apiKey: "AIzaSyCRLk1ls1SDp1rD6_3u8HWFH_cJtR1s1Sc",
  authDomain: "database-95dee.firebaseio.com",
  projectId: "database-95dee",
  storageBucket: "database-95dee.firebaseio.com",
  messagingSenderId: "185092331154",
  appId: "1:185092331154:web:024f480ad8c068dcdcf384b",
  measurementId: "G-LJVVE3BHB7"
};

// Initialize Firebase
const app = initializeApp(firebaseConfig);
const analytics = getAnalytics(app);
const auth = getAuth(app);

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const provider = new GoogleAuthProvider();

// Sign Up with Email/Password
document.getElementById("signup-btn")?.addEventListener("click", () => {
  const email = document.getElementById("signup-email").value;
  const password = document.getElementById("signup-password").value;

  createUserWithEmailAndPassword(auth, email, password)
    .then(() => {
      alert("Sign Up Successful!");
      window.location.href = "welcome.html";
    })
    .catch((error) => {
      alert(error.message);
    });
});

// Login with Email/Password
document.getElementById("login-btn")?.addEventListener("click", () => {
  const email = document.getElementById("login-email").value;
  const password = document.getElementById("login-password").value;

  signInWithEmailAndPassword(auth, email, password)
    .then(() => {
      alert("Login Successful!");
      window.location.href = "welcome.html";
    })
    .catch((error) => {
      alert(error.message);
    });
});

// Continue with Google
document.getElementById("google-btn")?.addEventListener("click", () => {
  signInWithPopup(auth, provider)
    .then(() => {
      alert("Login Successful!");
      window.location.href = "welcome.html";
    })
    .catch((error) => {
      alert(error.message);
    });
});

// Logout
document.getElementById("logout-btn")?.addEventListener("click", () => {
  signOut(auth)
    .then(() => {
      alert("Logged Out Successfully!");
      window.location.href = "index.html";
    });
});
```

```

    })
    .catch((error) => {
        alert(error.message);
    });
});

// Reset Password
document.getElementById("reset-password-link")?.addEventListener("click", (e) => {
    e.preventDefault();
    const email = prompt("Please enter your email address:");

    if (email) {
        sendPasswordResetEmail(auth, email)
            .then(() => {
                alert("Password reset email sent! Check your inbox.");
            })
            .catch((error) => {
                alert("Error: " + error.message);
            });
    } else {
        alert("Please enter a valid email address.");
    }
});

// Show User Email on Welcome Page
onAuthStateChanged(auth, (user) => {
    if (user && window.location.pathname.includes("welcome.html")) {
        document.getElementById("user-email").textContent = user.email;
    } else if (!user && window.location.pathname.includes("welcome.html")) {
        window.location.href = "index.html";
    }
});

```