

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Prosper Gold</title>
  <link rel="stylesheet" href="style.css">
  <script defer src="script.js"></script>
</head>
<body>
  <header>
    <h1>■ Prosper Gold</h1>
    <nav>
      <button id="loginBtn">Login</button>
      <button id="registerBtn">Register</button>
    </nav>
  </header>
  <main>
    <section class="dashboard">
      <div class="price-board">
        <h2>Crypto Prices</h2>
        <div id="prices"></div>
      </div>
      <div class="trade-panel">
        <h2>Simulated Trading</h2>
        <input id="coin" placeholder="e.g. bitcoin">
        <input id="amount" type="number" placeholder="Amount">
        <button id="buyBtn">Buy</button>
        <button id="sellBtn">Sell</button>
      </div>
      <div class="portfolio">
        <h2>Your Portfolio</h2>
        <pre id="portfolio"></pre>
      </div>
    </section>
  </main>
  <footer>
    <p>© 2025 Prosper Gold</p>
  </footer>
</body>
</html>
```

style.css

```
body {
  background-color: #0c0c0c;
  color: #f5c542;
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  margin: 0;
  padding: 0;
}
header {
  background: linear-gradient(90deg, #000, #1a1a1a);
  padding: 15px 20px;
  display: flex;
  justify-content: space-between;
  align-items: center;
  border-bottom: 1px solid #333;
}
h1 {
  margin: 0;
  color: #f5c542;
}
nav button {
  background: #f5c542;
  color: #000;
  border: none;
  padding: 8px 15px;
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    border-radius: 6px;
    margin-left: 10px;
    cursor: pointer;
    transition: background 0.3s;
  }
  nav button:hover {
    background: #ffd86a;
  }
  .dashboard {
    display: grid;
    grid-template-columns: 1fr 1fr 1fr;
    gap: 20px;
    padding: 20px;
  }
  section h2 {
    color: #f5c542;
    border-bottom: 1px solid #f5c542;
    padding-bottom: 5px;
  }
  .trade-panel, .price-board, .portfolio {
    background: #1a1a1a;
    padding: 15px;
    border-radius: 12px;
    box-shadow: 0 0 10px #000;
  }
  input {
    width: 100%;
    padding: 8px;
    margin: 5px 0;
    border: 1px solid #f5c542;
    border-radius: 6px;
    background: #0c0c0c;
    color: #f5c542;
  }
  button#buyBtn {
    background: #28a745;
    color: white;
  }
  button#sellBtn {
    background: #dc3545;
    color: white;
  }
  footer {
    text-align: center;
    padding: 10px;
    border-top: 1px solid #333;
    margin-top: 20px;
  }
}

```

script.js

```

const apiBase = "https://prospergold-production.up.railway.app";

async function fetchPrices() {
  const res = await fetch(`${apiBase}/prices`);
  const data = await res.json();
  const pricesDiv = document.getElementById("prices");
  pricesDiv.innerHTML = Object.entries(data)
    .map(([coin, val]) => `

${coin}: ${val.usd}</p>`)
    .join("");
}

async function registerUser(username, password) {
  await fetch(`${apiBase}/register`, {
    method: "POST",
    headers: { "Content-Type": "application/json" },
    body: JSON.stringify({ username, password }),
  });
}

async function loginUser(username, password) {
  const res = await fetch(`${apiBase}/login`, {


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        method: "POST",
        headers: { "Content-Type": "application/json" },
        body: JSON.stringify({ username, password }),
    });
    const data = await res.json();
    return data.status === "success";
}

async function trade(action) {
    const username = prompt("Enter your username:");
    const coin = document.getElementById("coin").value;
    const amount = parseFloat(document.getElementById("amount").value);
    await fetch(`${apiBase}/${action}`, {
        method: "POST",
        headers: { "Content-Type": "application/json" },
        body: JSON.stringify({ username, coin, amount }),
    });
    loadPortfolio(username);
}

async function loadPortfolio(username) {
    const res = await fetch(`${apiBase}/portfolio/${username}`);
    const data = await res.json();
    document.getElementById("portfolio").textContent = JSON.stringify(data, null, 2);
}

document.getElementById("buyBtn").addEventListener("click", () => trade("buy"));
document.getElementById("sellBtn").addEventListener("click", () => trade("sell"));
document.getElementById("loginBtn").addEventListener("click", async () => {
    const u = prompt("Username:");
    const p = prompt("Password:");
    const ok = await loginUser(u, p);
    alert(ok ? "Login successful!" : "Login failed!");
    if (ok) loadPortfolio(u);
});
document.getElementById("registerBtn").addEventListener("click", async () => {
    const u = prompt("New username:");
    const p = prompt("Password:");
    await registerUser(u, p);
    alert("Registered successfully!");
});

fetchPrices();
setInterval(fetchPrices, 60000);

```