**User Acceptance Testing (UAT) Template**

|  |  |
| --- | --- |
| Date | 6 March 2025 |
| Team ID | SWTID1741172947157270 |
| Project Name | CryptoPulse |
| Maximum Marks |  |

**Project Overview**

**📌 Project Name:** CryptoVerse  
**📌 Project Description:** A React-based cryptocurrency tracking application that allows users to search, track, and analyse real-time cryptocurrency market data using a third-party API. Features include real-time price updates, coin details, filtering, and user-friendly UI/UX.  
**📌 Project Version:** v1.0 **📌 Testing Period:** March 1, 2025 - March 8, 2025

**Testing Scope**

**Features and Functionalities to be Tested**

✅ Home Page & Navigation  
✅ Cryptocurrency Search & Discovery  
✅ API Integration for Real-Time Data  
✅ Filtering Coins by Market Cap, Volume, and Price Changes  
✅ Viewing Coin Details with Charts & Historical Data  
✅ UI/UX Testing (Responsiveness, Icons, Styling)  
✅ Error Handling & Performance Testing

**User Stories or Requirements to be Tested**

📌 Searching & Viewing Cryptocurrency Details  
📌 Filtering Cryptocurrencies by Market Cap, Volume, and Trends  
📌 Displaying Coin Details with Price Charts & Market Insights  
📌 Responsive UI across Mobile, Tablet, and Desktop  
📌 Handling API Errors Gracefully

**Test Cases**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **TC-001** | Load Homepage | 1. Open the application  2. Homepage loads | Homepage should display market trends, top cryptocurrencies. | [Actual Result] | [Pass/Fail] |
| **TC-002** | Search for a Cryptocurrency | 1. Enter a coin name in search 2. Click search | Matching cryptocurrencies should be displayed | [Actual Result] | [Pass/Fail] |
| **TC-003** | View Coin Details | 1. Click on a coin  2. View details (price chart, volume, historical data) | Coin details should be displayed correctly | [Actual Result] | [Pass/Fail] |
| **TC-004** | Mobile Responsiveness | 1. Open the app on a mobile device 2. Navigate through pages | UI should be responsive and properly displayed | [Actual Result] | [Pass/Fail] |

**Bug Tracking**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| **BG-001** | Search results take too long to load | 1. Search for a cryptocurrency  2. Observe slow response time | High | Open | Need API response optimization |
| **BG-002** | Filtering feature not working correctly | 1. Select a filter option 2. Observe incorrect results | Medium | In Progress | Filtering logic needs debugging |
| **BG-003** | UI overlaps on small screen devices | 1. Open app on small devices (iPhone SE) 2. Observe UI distortion | Low | Open | Adjust CSS for better responsiveness |

**Sign-off**

**Tester Name:** [Enter Name]  
**Date:** [Enter Date of Completion]  
**Signature:** [Enter Signature]

**Notes**

* Ensure testing covers both positive & negative cases
* Bug tracking should include severity levels & reproduction steps
* Final sign-off required before deployment