

User Acceptance Testing (UAT) Template

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| Date | 6 March 2025 |
| Team ID | SWTID1741175556150399 |
| Project Name | CryptoVerse |
| Maximum Marks | |
| Team Members | Monisha G S monishamonesh6@gmail.com Sahaana D d.sahanadharmeshwaran@gmail.com Sharmili A sharmilianandan@gmail.com Yuvathi M A yuvathima88@gmail.com |

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
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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