codekeeper

Source Code

Complete Verification Report

Report Details

Report Date: January 2024

Depositor:

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Verification Protocol

Verification Complete

Code inspection, installation of the software, try to achieve a running version of the software and testing of up to 20 key features.

Goals:

- Verify that the documented instructions contain all necessary information to successfully carry out the build.
- Verify that the contents of the deposited material contain all necessary information and/or data.
- Verify that the building of the application is achieved without errors.
- Verify the functionality of 20 key features.

Verification Scope

We reviewed the content as provided on January 31, 2024.

Activity on:

Assets	Last deposit date
QuantumFlow_Engine	December 15, 2023
CipherShield_Vault	January 5, 2024

Verification Result

We reviewed the contents of the material that is deposited into the escrow. We found the contents to be in line with our expectations based on the description of the software as provided.

Verification Item	Findings
Programming Language(s)	Python, C++
Documentation:	● User documentation identified ● User documentation is clear ● User documentation is complete
Code	● Source code identified
Database	● Data models identified
User Interface	● User interface code identified
Configuration	● Configuration information identified
Deployment/Recovery Information	● Information identified
Application Build	● Achieved without errors

Tested feature	Findings
Click event	● Successfully clicked the login button
Load configuration	● Configuration file loaded correctly with no errors
Module import	● All modules imported successfully without any missing dependencies
Form submission	● Form submitted successfully and confirmation received
Navigation	● Navigation to the settings page was successful
Apply settings	● All user settings applied correctly
External library usage	● External library functions executed as expected
Interactive element hover	● Hover effect on interactive element verified
Responsive layout check	● Layout responds correctly at various screen sizes
Environment variable setup	● Environment variables set up successfully
Accessibility features	● Accessibility features meet the required standards
Data import functionality	● Data imported correctly with no corruption or loss

Tested feature	Findings
Dropdown functionality	● Dropdown menu functions as expected with correct item selection
Security settings	● Security settings enforced and verified
Modal window interactions	● Modal windows open and close as expected with correct data display
Dynamic content loading	● Dynamic content loads correctly with no delays or errors
Logging configuration	● Logging configured correctly, with logs captured as expected
Animation and transitions	● Animations and transitions execute smoothly
Database connection	● Database connections established successfully, with correct read/write operations.
API Endpoint Validation	● API endpoint '/api/v1/users' successfully validated with correct response status and payload structure

```
Compiling source files...
[1/10] Compiling main.c
[2/10] Compiling utils.c
[3/10] Compiling database.c
...
[10/10] Compiling network.c
Linking...
Generating executable: app.out
Running tests...
Test suite 1: Passed
Test suite 2: Passed
...
Test suite N: Passed

BUILD SUCCESSFUL

Total execution time: 1 minute 32 seconds
Warnings: 0
Errors: 0

Congratulations! Your build has completed successfully.
```

[more feature screenshots as applicable]