

System and Unit Test Report

Wikitrust 2.0 | Wikitrust Team | 12/10/2019

Unit Test for ReputationEngine

The code tested for each function in the ReputationEngine. It has been confirmed that the code passed all the tests presented.

Unit Test for WikiEngine:

The code tested for get_revision_ids and get_revision_text. It has been confirmed that the code successfully communicates with the API and scrapes a wikipedia page.

Unit Test for authorEngine

The code tested the functions in authorEngine. The tests confirmed that the necessary functions in authorEngine worked as expected. However, this unit test does not cover all functions. Some functions have not been tested in the authorEngine.

Unit Test for Firebase

- Tests all cr(u)ds operations
 - Put data
 - Pull data
 - Delete data

Unit test for extension

- None, but get automatically built
- Manual user test of installing and checking/interacting with application

Unit test for webpage (OLD)

- Using npm, react app gets tested

Whole System Testing

- Most tests are run automatically through a make file to ensure correctness
- From start to finish we crawl new pages
- Then we check the db
- Then we try hitting the api for the data
- Check extension
- The software has been tested for over 40 pages. All 40 pages have produced an expected value. Whole system test shows that the system is functional.