

Testing purpose

Unit testing and integration testing is used to verify and report back on which test cases are failing and succeeding. It allows us to track the progress of the project.

Testing method

Google Cloud Functions API: Unit tests are run inside the Google Cloud Functions API using Mocha and Chai to test operations between the database and the API. Integration testing is used to test functions use related data.

Angular Monitor view: Unit tests are done on interactions with the API using Mocha and Chai.

Driver app: Unit tests are done on interactions with the API.

Automated testing

Testing is automated by Travis CI whenever code is pushed to a branch. Travis CI is also used to automatically deploy production code.