Automated testing

The automated test suites and test cases are documented with the test code in our Github repo. These tests do not have any detailed test cases written for them since the test code is considered enough documentation.

For automated tests that test specific functionality, the following additional information can be added to get a better overview to what has been tested:

Example:

- Test suite **Fx** – Register new user

    - Test case 1 – Register with correct input
    - Test case 2 – Register with existing username
    - Test case 3 – Register with too short password

Server

[jMeter automated stress tests (https://github.com/jimmybengtsson/grupp03-redriver/blob/master/stresstests/RedRiver%20Stress%20Tests.jmx)](https://github.com/jimmybengtsson/grupp03-redriver/blob/master/stresstests/RedRiver%20Stress%20Tests.jmx)

[Postman Automated Server API Tests (https://github.com/jimmybengtsson/grupp03-redriver/blob/master/server/Postman/RedRiverServer%20Requirements%20Tests.p](https://github.com/jimmybengtsson/grupp03-redriver/blob/master/server/Postman/RedRiverServer%20Requirements%20Tests.p)

- Test suite **F1** – Register new user

    - T1 Account Creation testuser1
    - T2 Account Creation missing username
    - T3 Account Creation testuser2

- Test suite **F2** – Login

    - T1 Protected route request w/o auth
    - T2 Get JWT Bad User
    - T3 Get JWT Existing User
    - T4 Protected route with auth

- Test suite **F3** – User – own data access

    - T1 Get User Info
    - T2 GetFriends

- Test suite **F4** – User – add friends

- - T1 AddFriend user 1-2
  - T2 GetFriends

- Test suite **F28** – User levels

  - T1 Admin protected route w/o admin auth
  - T2 Make user admin
  - T3 Get JWT
  - T4 Admin protected route with auth

Client

Unit tests.
[Automated client tests (https://github.com/jimmybengtsson/grupp03-redriver/tree/master/client/__tests__)](https://github.com/jimmybengtsson/grupp03-redriver/tree/master/client/__tests__)