**Tests Strategy.**

**Scope:**

The tests are testing a web server that includes a database of players.

The API returns a simple JSON body that contains IDs and names of players.

The API requires Basic authentication.

Currently, the only supported username and password pair is admin/admin.

**Approach**:

Functional tests – get IDs and names of players, get correct status code for get requests.

Negative tests- access invalid page number, delete or post methods.

Reliability tests – The data from the server is not changed for each get.

Short security tests – server not allowed to login without username and password, and server should reject a client after a few wrong attempts – TBD.

Performance tests – CPU, Memory.

Stress tests, Load tests

**Environment**:

The server runs on Linux, the tests are written in python.

**Tool:**

Pytest framework is used for the tests

**Release**:

N\A

**Risk**:

The server has some bugs...