Test Plan Document: Rocket Jump Ninja Search Engine Automation Test

Website: Rocket Jump Ninja

API Endpoint: <https://www.rocketjumpninja.com/api/search/mice>

Programming Language: Python

**Test Scenarios**

test\_width()

iterates through a list of parameter sets, each representing a different test case with different width and leniency values. Test will print the acutal and also the min and max for each mice   
Test Cases:

Width Leniency 0:Test mouse width is in set bounds with leniency set to 0.

Width Leniency 1:Test mouse width is in set bounds with leniency set to 1.

Width Leniency 2:Test mouse width is in set bounds with leniency set to 2.

Width Leniency 3:Test mouse width is in set bounds with leniency set to 3.

Width Leniency 4:Test mouse width is in set bounds with leniency set to 4.

test\_ length()

Each test case evaluates the behavior of the system under different conditions of length leniency, ensuring that the mouse length is within the set bounds.

Test Cases:

Length Leniency 0:Test mouse length is in set bounds with leniency set to 0.

Length Leniency 1:Test mouse length is in set bounds with leniency set to 1.

Length Leniency 2:Test mouse length is in set bounds with leniency set to 2.

Length Leniency 3:Test mouse length is in set bounds with leniency set to 3.

Length Leniency 4:Test mouse length is in set bounds with leniency set to 4.