**Gabrusev Alexey PV015**

PEN TESTS

Requirements for pen:

* Is it able to write on wet paper?

Functional testing

* Click on change color button
* Write a few words
* Color should be red

Scenario test:

* Cosmonaut in weightlessness

Fault injection tests

* What happens during writing under water

Interface

* Type of pen paste (oil etc)

Usability:

* Can it be able to put into standard (20x20) pencil case

Packaging/documentation

* Presence of National Standard on pen
* CD with video tutorial

Stress Test:

* Will it work under pressure – 1000 Pa

Performance test:

* How many times cap can be injected before upper base will deform

Configuration test:

* What type of cap is suitable with pen

Regulation test:

* Is pen save for people that suffered an allergy ?