Test scenarios pen

1. Verify the type of pen, whether it is a ballpoint pen, ink pen, or gel pen.
2. Verify that the user is able to write clearly over different types of papers.
3. Check the weight of the pen. It should be as per the specifications. In case not mentioned in the specifications, the weight should not be too heavy to impact its smooth operation.
4. Verify if the pen is with a cap or without a cap.
5. Verify the color of the ink of the pen.
6. Check the odor of the pen’s ink on writing over a surface.
7. Verify the surfaces over which pen is able to write smoothly apart from paper e.g. cardboard, rubber surface, etc.
8. Verify that the text written by the pen should have consistent ink flow without leaving any blob.
9. Check that the pen’s ink should not leak in case it is tilted upside down.
10. Verify if the pen’s ink should not leak at higher altitudes.
11. Verify if the text written by the pen is erasable or not.
12. Check the functioning of the pen on applying normal pressure during writing.
13. Verify the strength of the pen’s outer body. It should not be easily breakable.
14. Verify that text written by pen should not get faded before a certain time as mentioned in the specification.
15. Check if the text written by the pen is waterproof or not.
16. Verify that the user is able to write normally on tilting the pen at a certain angle instead of keeping it straight while writing.
17. Check the grip of the pen, whether it provides adequate friction for the user to comfortably grip the pen.
18. Verify if the pen can support multiple refills or not.
19. In the case of an ink pen, verify that the user is able to refill the pen with all the supported ink types.
20. For ink pens, verify that the mechanism to refill the pen is easy to operate.
21. In the case of a ballpoint pen, verify the size of the tip.
22. In the case of a ball and gel pen, verify that the user can change the refill of the pen easily.

Negative Scenarios for Pen

1. Verify the functioning of a pen at extreme temperatures – much higher and lower than room temperature.
2. Verify the functioning of a pen at extreme altitude.
3. Verify the functioning of the pen on applying extreme pressure.
4. Verify the effect of oil and other liquids on the text written by a pen.
5. Check if the user is able to write with a pen when used against gravity i.e. upside down.
6. Verify the functioning of a pen when a user tries to write on unsupported surfaces like glass, plastic, wood, etc.
7. Verify if the pen works normally or not when used after immersing in water or any other liquid for some period of time.
8. Check the functioning of a pen at zero gravity.