

---

# TEST IDEAS FOR INSTALLER PACKAGE

---

Author: Santhosh Shivanand Tuppad

E-mail: [Santhosh.Tuppad@gmail.com](mailto:Santhosh.Tuppad@gmail.com)

Blog: <http://www.tuppad.com/>

Contact me: Skype – santhosh.s.tuppad | Twitter – santhoshst | Phone: +0 91 98865 46088

**Copyright notice:** I request you to please retain the Author name that is my name and also contact details while you are sharing the document. I have placed these test ideas even on my blog (You could copy them to help you in your testing activity however, while sharing even them please add Author name and share them. I think owing credits is important :)

**Start Time:** 11:04 AM (16<sup>th</sup> March, 2010)

1. Check whether Installer package can be run on cross platform (Sometimes product is designed for cross platforms but installer might not be)
2. Check the version of Installer if it is conformed to the product version and also other attributes of version
3. Check if Installer package is of third party
4. If Installer is of third party then check on Google if it has got vulnerabilities which are known and also see if the installer of third party that you are using is latest version
5. Check how easily installation could be done without more hiccup(s) or no hiccup(s)
6. Check if all the buttons are provided with keyboard shortcuts (What if mouse is not functioning while installation, most of the users prefer using keyboard instead of mouse and they use mouse rarely)
7. Check how neatly the buttons are placed in all the steps of installation and see if they are usable by end-users (Model yourself as those end-users – First know target customers)
8. Check if Control buttons are provided like close, maximize, minimize etc.
9. Check what name is given in Task Manager for Installer package. Easily identifiable or hard?
10. Check how much memory is consumed by this process by Installer?
11. Check if this installation is affecting other programs in terms of performance
12. Check what happens when you click on different set of buttons
13. Check if buttons are grayed out when not required or buttons are not visible when not required
14. Check what happens if you try to quit in between installation
15. Check what happens when you try to run multiple instances? (How is it being handled?)
16. Check what happens when you run multiple instances successfully? Does it cause any problem? (15<sup>th</sup> Test idea is with respect to assumption that alert message is given and not multiple instances could not be run successfully)
17. Check for instructions given properly or not? (End-user is happy with the instructions or there is something that is missing or there is something that could be tweaked or modified or enhanced?)

18. Check, if there are spelling mistakes or grammatical mistakes throughout the installer package?
19. Check whether there is any License Agreement? If "Yes" be sure to read line by line and word by word because there might be discrepancy in License Agreement or there could be spelling mistakes or grammatical mistakes
20. Check what kind of error messages or strings are coded in Installer Program? (Use **Process Explorer** utility from Microsoft to know the possible strings coded in the Installer Program)
21. Check what happens when you open Installer and put your machine on hibernates and again opens it. What happens in this case? Does the installer still exists and installer could be run successfully or it abruptly stops?
22. Check if the Title bar has proper naming conventions used across the installer or there is some kind of inconsistency or confusion that is happening to you or an end-user?
23. Check what is the name in Title bar for Installer and what is the name given in Task bar for the same installer?
24. Does the installer have any Logo (Product logo)? If "No" why is it not there? If "Yes" check for consistency in various areas of the product
  - Installer & Un-installer
  - Product Logo
  - Logo in Product Portal
25. Check after installation, the program name appears in Add / Remove programs (Run shortcut – appwiz.cpl)
26. Check if navigation could be done to and fro easily
27. Check if changes do not get modified after going back. Changes should be still intact.
28. Check if there is flexibility given to end-user to choose if installer should add shortcuts on Desktop or Start menu (Sometimes this could be feedback or enhancement for improved usability)
29. Check if end-user is given an option to select installation path?
30. Check what happens if end-user tries to run installation again in the same path? (Does it give any alert message or it just overwrites it?)
31. Check if process ends if you end it from Task Manager?
32. Check if installer asks end-user to close all applications before running? If it asks then try to see what happens if you don't close other applications and install
33. Check if installer has got any log file?
34. Check, how usable are alert / error / status messages to end-user?
35. Check, if installer dialog could be re-sized even if maximize or restore controls are grayed out are disabled.
36. Check, if installer dialog could be maximized (Even if maximize control is disabled) through Task Manager (Applications Tab -> Right click and choose Maximize)
37. Check for Accessibility compatibility – Try using On-Screen keyboard (Run shortcut – OSK)
38. Try to see if there is any HOT key that has been programmed but not being visible to you (You cannot try all possible combinations but however, you could try using some of them. But, it is still possible by automating or brute forcing hot keys)
39. Check, what happens on un-installing the application? (Does it removes all the folder / files from the machine or leaves some folders and files back on the machine?)
40. **FOR UN-INSTALLER USABILITY** you could try applying same test ideas which you applied for Installer

**End-Time:** 11:29 AM

**TOTAL TIME TAKEN:** 00 Hours 25 Minutes

I thank you all my readers for going through these test ideas and try to use these in your testing activity and please do give a feedback how did these test ideas help you? I would be glad enough to hear from you.