# **Deliverables for <What you're referring to as Linux, is in fact, GNU/Linux>**

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by

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Linux distro: Arch without ArchInstall

Articles:

* [**GNU/Linux Installation Guide Arch with Wayland GUI**](https://medium.com/@gracialy/gnu-linux-installation-guide-arch-with-wayland-gui-3004eedf7665)
* [**Cool Things to Do on Your Arch Linux**](https://medium.com/@gracialy/cool-things-to-do-on-your-arch-linux-d45560204d87)

Video: [2\_deliverables.mp4](https://drive.google.com/file/d/1_HTTVAMvGk6iWDu_9gI9pk-Dsb_YXbmM/view?usp=sharing)

| **Num.** | **Specification** | **Screenshot** |
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| **Mandatory Specifications** | | |
| 1. | Graphical user interface (GUI). | Using Wayland. |
| 2. | Audio-visual capabilities (graphics and audio). | Playing a clip of anime and turning up the highest volume. |
| 3. | Ability to connect to the internet | Successfully ping google.com. |
| 4. | Package management capability. | Installing Pacman. :v |
| 5. | An unprivileged user used for logging in and performing most activities (in other words, a user other than superuser or root). | User caryle as daily user. |
| 6. | Graphical text editor (e.g., VSCode, Sublime, etc.) | Using graphical text editor VSCode (came with Wayland). |
| 7. | Graphical web browser (e.g., Chrome, Firefox, etc.) | Using web browser Mozilla Firefox (came with Wayland). |
| 8. | Wallpaper featuring an image of a fictional character/historical figure/celebrity/favorite idol. | Thee Jang Wonyoung. |
| **Bonus Specifications** | | |
| 1. | Instagram post. | Very demure, very mindful.  <https://www.instagram.com/p/C_Pinyhy8j5/?igsh=bmJpeWJpMmdoZWZ4> |
| 2. | YouTube video. |  |
| 3. | Changing the default shell from bash to zsh or fish. | Using fish as the default shell. |
| 4. | Installing a DHCP client to automatically assign an IP address during installation. | Using NetworkManager with DHCP functionality. |
| 5. | Installing a graphical text editor and web browser that are open-source. | * Using open-source graphical text editor VSCode (came with Wayland).      * Using open-source web browser Mozilla Firefox (came with Wayland). |
| 6. | Installing Wine to run Windows programs, then installing and running LINE for PC on it. | * Using Wine and Wine GUI.      * Running LINE for PC (Windows native). |
| 7. | Using a tiling window manager or OpenBox. | Wayland is a tiling window manager. |
| 8. | Customizing the display of the bootloader. | Using [Minegrub](https://github.com/Lxtharia/minegrub-theme). |
| 9. | Using Wayland. | Using [hyprdots](https://github.com/prasanthrangan/hyprdots) as Hyprland (dynamic tiling Wayland compositor). |
| 10. | Watching anime from the command line. | [2\_anime.mp4](https://drive.google.com/file/d/1D22zabXBRKw4BgRLfT9mukIbGhU2Nkae/view?usp=sharing)  Using ani-cli to watch Doraemon: Boku, Momotarou no Nanna no Sa. |
| 11. | Installing and playing Doom in the terminal. | [2\_doom.mp4](https://drive.google.com/file/d/19Z6croDJXLfbfQAUq0edzVSB-AcyfWz6/view?usp=sharing)   * Installing doom-ascii.      * Playing doom-ascii. |
| 12. | Installing and playing a game that does not have native Linux support. |  |
| 13. | Repackaging the installation into a .iso file that can be used to install your “custom distro” on another device. |  |
| 14. | Installing on physical hardware, whether it’s a computer, laptop, or even a removable drive. | Installing Arch Linux on a laptop. |
| 15. | Implementing drive encryption. |  |
| 16. | Configuring the system as a device for a lab room. |  |