

## Designing Document Management System

**Correspond numbers with screenshots on screenshots document.**

1. Install Linux. I will be using Ubuntu.
2. Download and install a free file management system. We will be downloading Recoll. Type in the following below to install Recoll.
3. Create a user in Linux GUI under settings-Users Add User at the top that will manage the index files.
4. Open terminal and make a directory. This directory will be named the\_`directory`. Type in the following into the terminal below to create directory.
5. Give the created user the ownership of the\_`directory`. Type in the following into the terminal below.
6. Log out as current user ("chrissaga"). Log in as the created user who was made owner of the\_`directory`.
7. Open terminal and type command `recollindex` into the terminal as user ("travissaga").
8. Log out of ("travissaga") and log back into the original user ("chrissaga")
9. Install Apache and mod-wsgi. Type in the following below.
10. Install the WebUI by typing in the following below.
11. Give file ownership to yourself to read/write file by typing in the following below.
12. Go to Files and locate `"/etc/apache2/mods-enabled/wsgi.conf"` under user created user.  
Delete the contents of the file and replace with the following contents below. Then input the name of user where `"user="` and `"group="` is located.
13. Restart apache by typing the following into the terminal.

14. Now test to see if it functions. Open a web browser Mozilla Firefox. Type in the following address into the browser <http://localhost>. The following web page should open.

15. Then type in <http://localhost/recol/> and the following web page below should open.

Search for pdf in the query bar to search for pdf's in the workstation on this WebUI.

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## References & Cited Sources

Free Code Camp. "Linux Operating System - Crash Course for Beginners" Youtube video, 2:47:55. February 23, 2022. <https://youtu.be/ROjZy1WbCIA>

LesbonsComptes

<https://www.lesbonscomptes.com/recoll/pages/recoll-webui-install-wsgi.html#apache>

Github. koniu Recoll WebUI

<https://github.com/koniu/recoll-webui>

Digital Ocean. How To Install the Apache Web Server on Ubuntu 20.04

<https://www.digitalocean.com/community/tutorials/how-to-install-the-apache-web-server-on-ubuntu-20-04>