

## Objectives:

As a Unix/Linux administrator, you will be expected to use the VI editor and easily be able to manipulate files and data on the system. For this project you must show mastery of:

- The vi editor
- The find command
- The grep command
- File manipulation (copy, move, etc)
- Locate command
- File comparisons

**Project background:** You are a junior administrator for a small regional hospital system. You have been hired to administer the Linux virtual servers and provide services for the various hospital departments.

# Project Three –vi & File Stuff

Mastering the usage of the vi editor and file manipulation commands

## Task One

You have been tasked with writing a tutorial for the department heads that covers the vi editor. You must explain and give examples for the following:

- Starting, not saving, saving, and exiting vi.
- The different modes
- Vi searching
- Moving the cursor
- Inserting & deleting text
- Cut, copy, paste
- Insert command output in a vi text file
- .exrc file and some useful commands to put in it.

## Task Two

Create a file that finds all tmp files in the sandbox directories and deletes them. Then have the file find all files that have the .html extension, and search inside them for the string “oncology”. Redirect the output to a file called oncology-pages. Next, find all of the files with the .html extension, and search inside them for the string ‘radiology’. Redirect the output to a file called radiology-pages. Use one of the file comparison commands and the input redirector to create an output file that shows the differences between the two files.