

TSA6213 System Administration and Maintenance

Trimester October/November 2024 (Term 2430)

TSA6213 System Administration and Maintenance – Project (50%)

LO4: Identify the importance of application maintenance for an organization by referring the responsibilities and resource allocation common to the various administrative domains.

Coursework: 50%

1. This is group work. Each group is 4 students maximum.
2. Submission Date: **17 January 2025 (Friday), before 5pm.**

Project Details

As a System Administrator, you need to perform complete Sys Admin tasks:

- a. Choosing the operating system,
- b. Installation and configuration of the operating system and servers,
- c. Resources allocation and maintenance of the application systems and the servers.

Your Task

1. Choose **ONE (1)** Linux/UNIX Distro. Use <http://DistroWatch.com> to find your Distro.
2. Install and configure your chosen Linux Distro with selected desktop or windows manager.
3. Create **THREE (3)** users in the system
 - a. First User: Yourself
 - b. Second User: John Doe, Username: jdoe, Password: sysadmin#1
 - c. Third User: Will Smith, Username: wsmith, Password: sysadmin#2
4. Install and Configure Internet Server
 - a. LAMP Server - Apache, MySQL and PHP or any other related Internet service stack
 - b. FTP Server - any FTP server
 - c. SSH server
5. Install and Configure a Content Management System (CMS) or an e-commerce platform (Shopping Cart System) of your choice.
6. Install and configure Wiki system
 - a. You need to write all the documentation reports in the wiki system.
 - b. You may choose any Wiki system like PmWiki, DokuWiki, Mediawiki, etc

Report

- a. Project documentation must be documented in the Wiki system with proper heading and subheading.
- b. All steps and commands during installation and configuration process must be documented with written text or screen capture.
- c. Produce the PDF report from the wiki and submit as your final report.
- d. Share the folder containing your report with Dr. Adeshina Adekunle Micheal.

Rubric Assessment for Project (50%)

Presentation and Probing 20%

Description	Excellent (20 - 16)	Good (15 - 6)	Poor (5 - 0)
General questions will be given related to the project and Linux command. Students need to answer or show Linux commands to answer the questions.	Answer/Show all questions or Linux Command	Answer/Show Mostly	Barely Answer or Cannot Answer/Show Linux Command

Installation and Configuration 20%

Description	Good (20-15)	Average (14 - 8)	Poor (7 - 0)
To check Linux System Configuration and Installation. The system must be configured as specified in the project requirement and fully working.	Fully working system. All demons, CMS and wiki are fully configured and working. CMS and wiki configured and setup with additional pages or tools.	Mostly a working system. All demons, CMS and wiki fully or partly configured and working. No extra configuration on wiki or CMS	Linux OS Installed. Partly working system and Configuration. Linux does not install or configured.

Report 10%

Description	Good (10-6)	Average (5 - 3)	Poor (2 - 0)
Project report must be produced in PDF format. All documentation must be done using the wiki system.	Fully working wiki system. All steps documented and using suitable wiki tag and format. Complete project report with standard project report format in PDF.	Fully working wiki system. Most of the steps are documented and using suitable wiki tags and format. Complete project report with standard project report format in PDF.	Fully or partly working wiki system. Most of the steps are documented and using suitable wiki tags and format. Complete project report with standard project report format in PDF or other format. No report.



TSA6213
SYSTEM ADMINISTRATION AND MAINTENANCE

TRIMESTER OCTOBER/NOVEMBER
SESSION 2024
TERM 2430

PROJECT REPORT

GROUP NAME:

Student ID	Student Name	Major	Lecture	Tutorial
1234567890	Sample And Contoh	FIST/ST	CL1	1B

Faculty of Information Science & Technology (FIST)

Task Distribution Form

No .	Student ID	Student Name	Tasks Completed & page numbers
1.	Fill up by students	Fill up by students	Fill up by students
2.			
3.			
4.			

Have the documentation report of your task.