

Final Project	
Github Portfolio	
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Course Code and Title: CPE201A - Computer System Administration and Troubleshooting	Instructor: Sir Lloyd Aldrin Pornobi
<b>1. Objective/s:</b>	
This final project aims to demonstrate the student's ability to create and build a GitHub portfolio by compiling and organizing outputs from other Computer Engineering courses.	
<b>2. Intended Learning Outcome/s:</b>	
By the end of this final project, the students should be able to: <ul style="list-style-type: none"> <li>Develop a professional GitHub portfolio that effectively showcases their projects and demonstrates integration of knowledge from various Computer Engineering courses.</li> </ul>	
<b>3. Directions:</b>	
<p><b>1. Create a New Repository</b></p> <ul style="list-style-type: none"> <li>Log in to your GitHub account.</li> <li>Click New Repository.</li> <li>Set the repository title as: <b>CPE201A_FP_SURNAME</b></li> <li>Add a short description, for example: "Final Projects Compilation for CpE Courses."</li> <li>Choose the repository visibility (Public or Private).</li> <li>Click Create Repository.</li> </ul> <p><b>2. Prepare Files on Ubuntu Linux</b></p> <ul style="list-style-type: none"> <li>Open your Ubuntu terminal.</li> <li>Navigate to the directory where your final projects are saved. <b>cd ~/Documents/CpE_Projects</b></li> <li>Organize your project folders according to different CpE courses, for example:  <b>CPE201A_FP_SURNAME/</b>  <b>   __ CPE101/</b>  <b>   __ CPE102/</b>  <b>   __ CPE103/</b>  <b>   __ CPE104/</b> </li> <li>Make sure each folder contains the corresponding final project files from that course.</li> </ul>	

### **3. Initialize Git and Push to GitHub**

#### **4. Verify and Share**

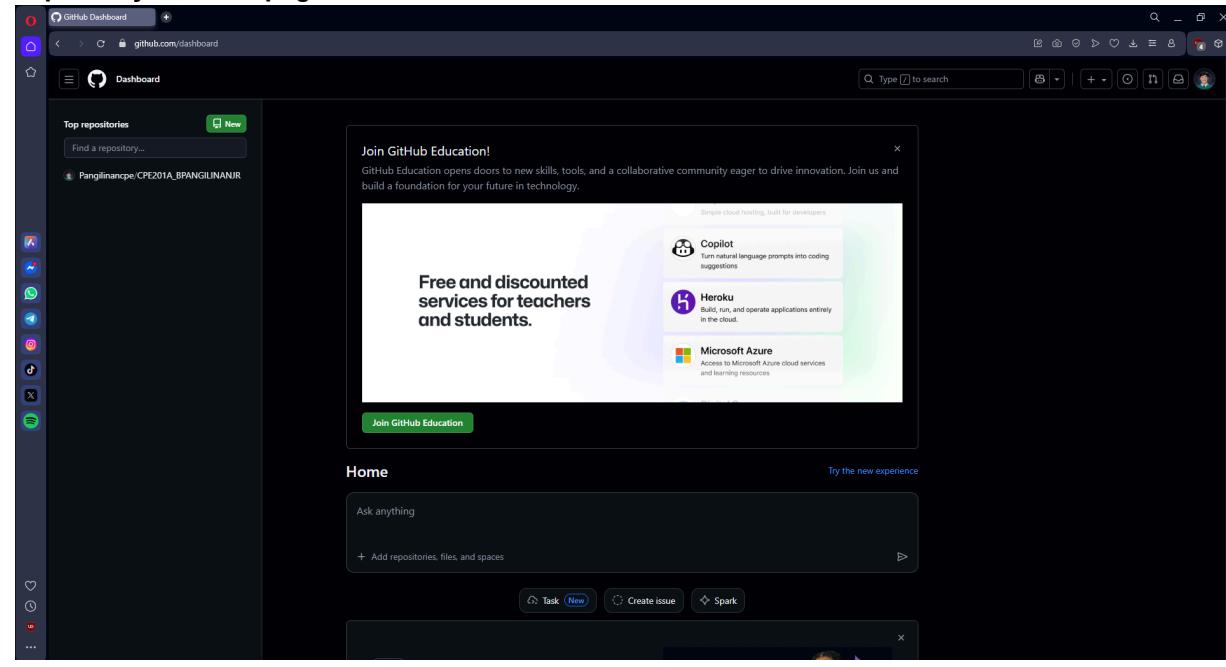
- Go to your GitHub repository online and confirm that all files and folders are properly uploaded and organized.
- Copy your repository link and make sure it is accessible (if required, set repository visibility to “Public”).

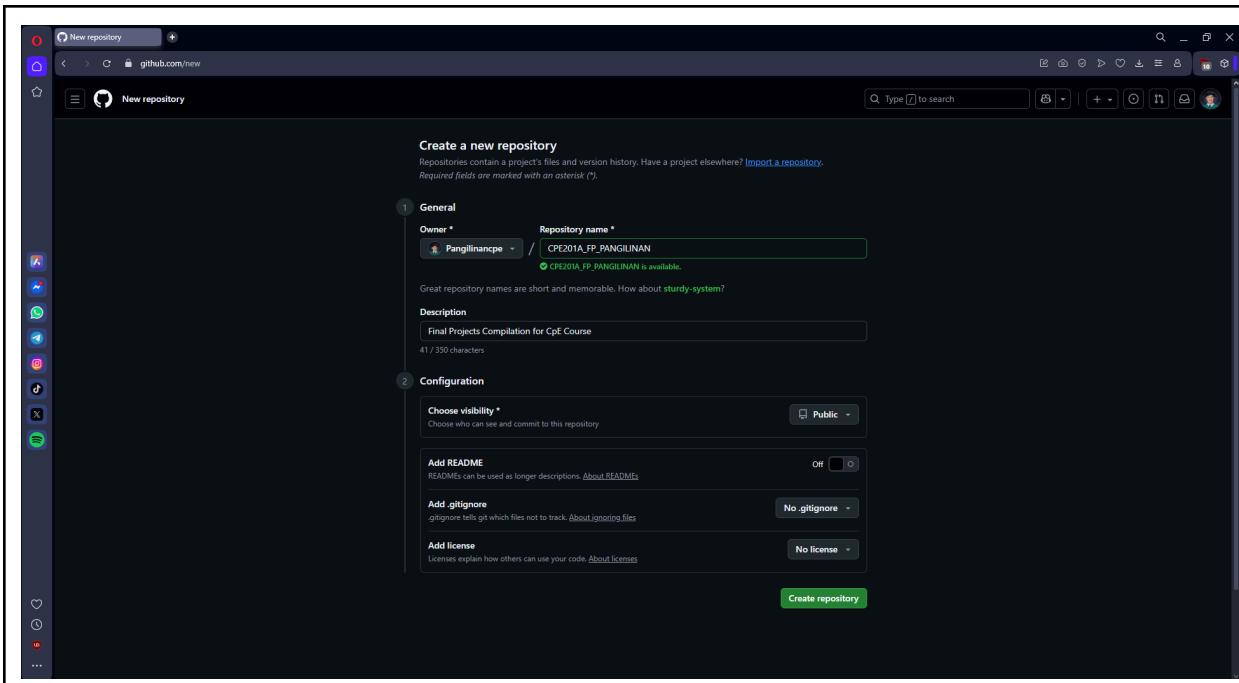
#### **5. Documentation**

- Take screenshots of the following:
  - Repository creation page.
  - Organized folder structure.
  - Ubuntu terminal commands during initialization, commit, and push.
  - Final GitHub repository page showing the uploaded projects.
- Compile all screenshots and input it in Section 4. Outputs.

## **4. Outputs:**

### **Repository creation page.**





## Popular repositories

Customize your pins

[CPE201A\\_BPANGILINANJR](#)

(Public)

This repository is only for CPE201A

[CPE201A\\_FP\\_PANGILINAN](#)

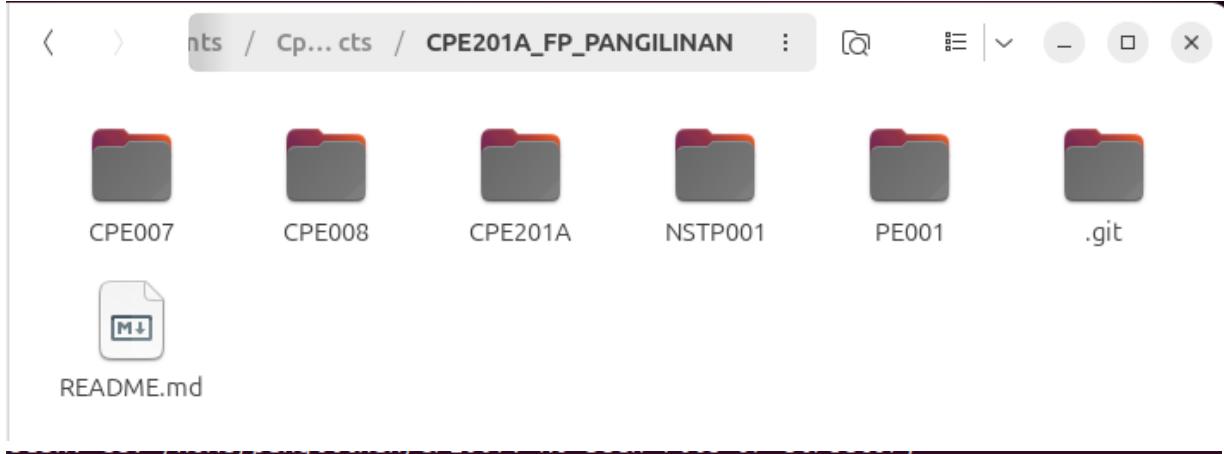
(Public)

Final Projects Compilation for CpE Course

## Organized folder structure.

```
pangilinan@pangilinan-VirtualBox: ~/Documents/CpE_Projects
pangilinan@pangilinan-VirtualBox:~$ mkdir -p ~/Documents/CpE_Projects
pangilinan@pangilinan-VirtualBox:~$ cd ~/Documents/CpE_Projects
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects$ 

pangilinan@pangilinan-VirtualBox:~$ cd ~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN
ppangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ 
mkdir CPE201A CPE007 CPE008 PE001
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ 
mkdir NSTP001
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ 
ls
CPE007 CPE008 CPE201A NSTP001 PE001 README.md
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$
```



```
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ ls
CPE007  CPE008  CPE201A  NSTP001  PE001  README.md
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ ls CPE007
'DOCUMENTATION of PLD FINALS PROJECT.pdf'
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ ls CPE008
'Reflection on our Interview .pdf'
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ ls NSTP001
nstp001.jpeg
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$ ls PE001
'httpsyoutu be wD3K8sZE2nE.txt'
pangilinan@pangilinan-VirtualBox:~/Documents/CpE_Projects/CPE201A_FP_PANGILINAN$
```

Ubuntu terminal commands during initialization, commit, and push

**Final GitHub repository page showing the uploaded projects.**

The screenshot shows a GitHub repository page for 'CPE201A\_FP\_PANGILINAN'. The repository is public and contains several files and folders related to final projects for different courses. The main file listed is 'README.md'. The repository has 1 branch and 0 tags. It was last updated 7 minutes ago by user 'c14ad1c'. There are 2 commits in total. The repository has 0 stars and 0 forks. The 'About' section describes it as a 'Final Projects Compilation for CpE Course'. The 'Releases' section indicates 'No releases published' and provides a link to 'Create a new release'. The 'Packages' section also indicates 'No packages published' and provides a link to 'Publish your first package'.

Pangilinancpe / CPE201A\_FP\_PANGILINAN

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

CPE201A\_FP\_PANGILINAN Public

Pin Watch 0 Fork 0 Star 0

main 1 Branch 0 Tags Go to file Add file Code

Pangilinancpe Uploads of the Final Projects c14ad1c · 7 minutes ago 2 Commits

CPE007 Uploads of the Final Projects 7 minutes ago

CPE008 Uploads of the Final Projects 7 minutes ago

NSTP001 Uploads of the Final Projects 7 minutes ago

PE001 Uploads of the Final Projects 7 minutes ago

README.md Create README.md 3 hours ago

README

CPE201A\_FP\_PANGILINAN

Final Projects Compilation for CpE Course

About

Final Projects Compilation for CpE Course

Readme

Activity

0 stars

0 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

## **5. Conclusion/Learnings/Analysis:**

This compilation serves as a functional, version-controlled portfolio, demonstrating competence in both computer engineering coursework and professional software development tools

## 6. Assessment Rubric:

Rubric for SO 7 (7)							
Criteria	Ratings						Pts
⑤ SO 7 PI 1  Student Outcome 7.1 Acquire and apply new knowledge from outside sources. threshold: 4.8 pts	6 pts Excellent   Educational interests and pursuits exist and flourish outside classroom requirements, knowledge and/or experiences are pursued independently and applies knowledge learned into practice	5 pts Good   Educational interests and pursuits exist and flourish outside classroom requirements, knowledge and/or experiences are pursued independently	4 pts Satisfactory   Look beyond classroom requirements, showing interest in pursuing knowledge independently	3 pts Unsatisfactory   Begins to look beyond classroom requirements, showing interest in pursuing knowledge independently	2 pts Poor   Relies on classroom instruction only	1 pts Very Poor   No initiative or interest in acquiring new knowledge	6 pts
⑤ SO 7 PI 3  Student Outcome 7.3 Critical thinking in the broadest context of technological change threshold: 4.8 pts	6 pts Excellent   Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions	5 pts Good   Evaluate information from a variety of sources; formulates a clear and precise perspective.	4 pts Satisfactory   Analyze information from a variety of sources; formulates a clear and precise perspective.	3 pts Unsatisfactory   Apply the gathered information to formulate the problem	2 pts Poor   Gather and summarized the information from a variety of sources but failed to formulate the problem	1 pts Very Poor   Gather information from a variety of sources	6 pts
⑤ SO 7 PI 4  Student Outcome 7.4 Creativity and adaptability to new and emerging technologies threshold: 4.8 pts	6 pts Excellent   Ideas are combined in original and creative ways in line with the new and emerging technology trends to solve a problem or address an issue.	5 pts Good   Ideas are creative and adapt the new knowledge to solve a problem or address an issue	4 pts Satisfactory   Ideas are creative in solving a problem, or address an issue	3 pts Unsatisfactory   Shows some creative ways to solve the problem	2 pts Poor   Shows initiative and attempt to develop creative ideas to solve the problem	1 pts Very Poor   Ideas are copied or restated from the sources consulted	6 pts

Total Points: 18