

User Verification



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Executive Summary:

This project will go deeper on how an application can help with the different types of authentication. They are used for helping and protecting a user's account from getting attacked or hacked into by others. We will also find how these attacks happen so easily to a user and how we can prevent that from happening to other users in the future.

Milestones:

1. Find an application that makes different security options for users to have for protecting their accounts from hackers and attackers.
2. Test the application to see if there's any errors or bugs that can be solved and find any exploits and vulnerabilities within the application.
3. Fix the application if there are any bugs and exploits that do appear. Run the application again and see if it's successful.

Deliverables:

- Ubuntu
- Github
- Gantt chart

Gantt chart:

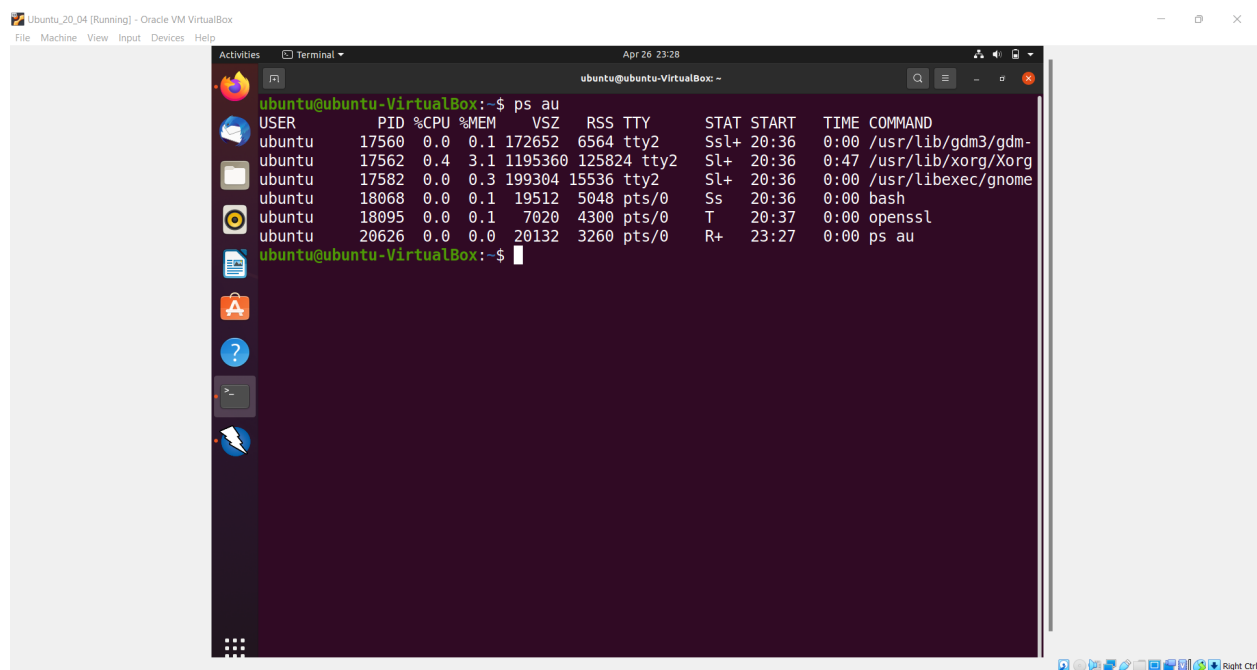
6 Types User Verification

Single sign-on							
	Certified Authentication						
		Biometric authentication					
			Token-based authentication				
				Password-based authentication			
					Two-factor/multifactor authentication		

Single sign on: Authentication scheme that allows a user to log in with a single ID to any of software systems.

Biometric Authentication: Compares data for a person's characteristics to determine resemblance.

Password-based Authentication: Process of gaining access to resources which one is entitled to with the help of a set of credentials containing username and password.



Accomplishments:

- Learned that there was more than one type of User Verification
- A better understanding of password security and how helpful it can be to a user.
- Learned about how certain services can secure passwords and encrypt it so it's harder for hackers to decrypt it.

Project Schedule Management:

Trello Board:

<https://trello.com/b/bMwZKFVx/user-verification>

Github:

<https://github.com/RG1-999/Authentication>

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