Cloud Computing – SWE 2022 [~KShawki]

***Labs Material***

***Lab 1:***

**Cloud Computer Based on Virtualization Technology.**

***Diagram

Description automatically generated***

***Based on Virtualization technology.***

* Pool of virtualized Resources
* VMs, Storage, CPU, Platforms.
* Provisioned by Service Provider

***Features:***

* Pay-per-use
* Low cost
* Scale in/out
* Availability
* on demand serv

***Challenges:***

* No standard API (lock-in)
* Privacy and security.

***Lab 2: Firebase Cloud Messaging***