***Assignment 1: Draw your Home Network Topology and explain how you are accessing the RPS Lab environment.***

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***| Internet |***

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***| Router (Wi-Fi)|***

***+--------------------+***

***|***

***|***

***v***

***+---------------+***

***| Switch |***

***+---------------+***

***|***

***|***

***v***

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***| Laptop | | Smartphone |***

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***| RPS Lab | | RPS Lab |***

***| Environment | | Environment |***

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***Components:***

***Internet****: The connection to the internet via an ISP (Internet Service Provider).*

***Router (Wi-Fi)****: Connects devices to the internet and provides Wi-Fi connectivity.*

***Switch****: Connects multiple devices within the network.*

*Laptop/Smartphone: Devices used to access the RPS Lab environment.*

***Accessing RPS Lab Environment:***

*Connect to the home network via Wi-Fi.*

*Open a web browser or RPS Lab client software on the laptop or smartphone.*

*Enter the RPS Lab environment URL or launch the client application.*

*Authenticate with username and password or other authentication methods.*

*Access the RPS Lab environment resources and tools.*