Capstone Assignment: Home Secure Implementation

1. Objective

This assignment will evaluate your ability to manage a client engagement from initial discovery to the delivery of a final, professional cybersecurity plan. You are expected to act as a Cyber consultant. Your success will be measured by your technical analysis, the practicality and clarity of your recommendations, and the overall professionalism of your work.

2. Process

1. Review Client Scenario: Thoroughly read the "Client Scenario: Jane Doe" document before the kick-off meeting.

2. Attend Kick-off Meeting: This one-hour meeting is your primary opportunity to ask the "client" (Jane Doe) initial clarifying questions. Listen carefully to her stated concerns and goals.

3. Individual Assessment & Follow-up: After the meeting, you will work independently. As you develop your assessment, you may have further questions. You are permitted to send one follow-up email containing a consolidated list of your questions to Jane by Monday, July 1, 2025. Be concise and professional.

4. Develop Deliverables: Conduct your assessment based on the information provided and gathered. Create the required documents as outlined below.

5. Submission: Consolidate all final deliverables into a single, professionally formatted PDF file and submit it via email by the deadline.

4. Required Deliverables

You will produce a Client Security Packet containing the following items, in order, within a single file:

1. Threat Profile: A detailed write-up of the potential cyber threats tailored to this specific client, considering their profession, technology, and family structure.

2. Digital Asset Inventory: A structured table listing all known digital devices, accounts, and services that need protection.

3. Personalized Cybersecurity Plan: Your core recommendations. This section should clearly and simply explain the actions needed to address the client's concerns. It must cover:

○ Firewall and Network Segmentation Strategy.

○ Endpoint security recommendations for all devices.

○ A robust data backup and recovery plan (local and cloud).

○ An identity and password management strategy for the family.

 ○ Recommendations for enhancing privacy (e.g., IoT settings).

4. **Proposed Home Network Map:** A simple, logical diagram illustrating your recommended future-state network configuration (showing segmentation).

5. Completed Customer Service Approval Form: This is the culminating deliverable. You must take the official cyber form and fill it out completely as if you were the technician who has just finished implementing your own recommendations. This means checking off the relevant services, initialing the "Completed" column, and adding concise notes in the "Technician's Notes" section to justify your choices or explain key configurations. This demonstrates your understanding of the entire service delivery lifecycle.