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A tiny new space startup looking to build and deploy micro-satellites.

The company has mostly been hardware and software engineers working out of a large converted garage space.

They have received some grants and some investments, and they want to expand to hire more engineers, but also a few non-technical employees such as an office manager, a media person, etc.

Most employees will continue to work out of a central location, but both technical and non-technical users will sometimes need to travel.

Information security is a priority: The company's only value is its intellectual property. The company is unwilling to allow these technical designs to be stored on the cloud, and does not want any of its intellectual property to leave the building (except in the form of offsite backups).

Systems Selection

Review the project guidelines and scenarios. Meet as a team and decide what systems, platforms, or tools you'll be using this project. Each should represent a clear, logical solution to a problem the client company is facing.

Create a high-level list of systems, platforms, or tools you're going to implement for your client. For each, explain:

1. How does it fit into your scenario's requirements?

The tiny space startup we were assigned would like to grow their business.

OneDrive can be used for the employees that need to travel but stay in connection with the other employees. OneDrive can be used to share files and documents and allows for collaboration.

EaseUs or Veeam can be used for their backups without utilizing the cloud.

VirtualBox can be used to demonstrate both operating systems of Windows and Linux and what roles they serve.

2. What problem or pain point does it solve? In other words, what value does this add to your client?

- Keep it high level without going into too much detail, 3-4 sentences is enough.
The pain points solved are communication, security, and the ability to preserve data without utilizing the cloud.

3. Minimum Viable Product (MVP) definition.

- What is the minimum required for you to present on your demo day? Backup solution that does not utilize the cloud, a tool that can be used to collaborate, an emphasis on the security of their intellectual property, and ensuring the

day-to-day operation of their operating systems. Also, the ability to remotely access for management and troubleshooting.

During your pitch, your instructor will help you scope your project. Some features may become MVP and some may become stretch goals.

Once you are ready, find your instructor and pitch your solution ideas.