Your business has been very successful, with a revenue of one million dollars a year. This means that you might need to reshape your business and invest more on it.

You hired a small consultant firm to create a database that handles your customers, orders, invoices and inventory, along with proprietary applications which interact with your Apache Webserver (for those students who decided to offer digital services, such as videogames, they are hosted in this server as well).

Based on the above, please create an IT strategy with the following considerations:

You can invest up to 25 percent of your current yearly revenue in your IT solution

You expect your sales to grow 300 percent in the next year (this means that you have to look for a solution where you can easily add additional resources)

You will use a cloud based solution for all other systems and applications

IT Services

List all the applications and services your company need (at least you will need to mention applications for customers, products, inventory, orders, and invoicing)

Determine whether the above will be offered as IaaS, PaaS or SaaS (Each service can use a different delivery model)

Why did you select that delivery model for your services (IaaS instead of SaaS, for example)?

Determine which cloud vendors will host your services and why you selected them. (They can be hosted with different vendors, and they can be sold as different services)

If possible, share how much would each of those services cost

Do you need dedicated broadband for your line of business? If so, which vendor would you use and how much would it cost?

Does your cloud vendor provide assistance with migrating your services from your current solution to what you are about to acquire? If not, how will you do it?

Will you migrate all services and applications at once? Would your migration be in parallel? Justify your answer

How will you plan for your expected growth?

Security

Which strategies will you use to protect your business from cyber threats?

Please identify which strategies will take place at the infrastructure or system design level, and which ones will take place at the end user level

How will you make sure your customer’s private and financial information are safe?

Implementation Timeline and Cost

Add a timeline (estimated), including but not limited to the following:

New system planning

New system design

Set up of the cloud environment

Testing

Migration

Go Live

The paper must be between two and four pages long (including graphics), and can be single or double line.