

Sname: Abdullah Khalid Alharbi ID:4201666
section:is7a

FIRST ASSIGNMENT:

In this assignment we will take total care Saudi (TCS) company in Riyadh

CIO responsibilities and his huge role in the organization :

The CIO in general manages the computer structures

It requires to aid the organization's unique targets and desires. The CIO became a huge role in the 1980s. At that time, the CIO basically centered on handling technical tasks, launching structures to increase performance and productivity and reduce expenses.

Chief information officer is a C-suite job title

They are in charge of

information technology initiatives and strategy.

the responsibilities of CIOs vary according to the organization, industry and region in which they work.

CIO in TCS organization is responsible for the IT and computer systems that support enterprise goals. It is the CIO's job to

innovate, collaborate, balance the IT budget and motivate IT staff.

The CIO's responsibilities include the Following:

- managing IT staff and developing department goals.
- developing and overseeing the IT budget planning, deploying and maintaining IT systems and operations.
- managing the organization's software development needs.
- developing IT policies, procedures and best practices.
- staying updated on IT trends and emerging technologies.
- developing and enforcing IT best practices across the organization, etc.

they are taking a strong role in the governance and project management aspects of their organizations' digital

transformations. Sixty-one percent of CIOs take a leadership role in governance and lead project management.

Budget determinations for digital transformation are most likely to originate from the CEO's office , CFOs or the production and manufacturing , operations function than they are to come from the CIO office.

Alliances and partnerships are a critical element of a company's transformation and its participation in a digital ecosystem. As evidence of the growing outsourcing of expertise and capabilities across all parts of the business and functions, the development of alliances and partnerships was most likely to come from the strategy office . Other functions most often involved, include:

-production and manufacturing , line-of business leaders , and the legal department . All were more likely to

bring alliances and partnerships to the table

for digital initiatives than were the CIO's office.

The internet as an IT infrastructure component :

Information technology (IT) infrastructure are the components required to operate and manage enterprise IT environments. IT infrastructure can be deployed within a cloud computing system, or within an organization's own facilities.

These components include hardware, software, networking components, an operating system (OS), and data storage, all of which are used to deliver IT services and solutions. IT infrastructure products are available as downloadable software applications that run on top of existing IT resources like software-defined storage-or as online solutions offered by service providers like Infrastructure-as-a-Service (IaaS).

In this modern era, there is not a single industry that can function without the

internet. Corporations like Spectrum, Cox and many others have reaped fruits of this development, while also contributing extensively towards this revolutionary reshaping of industries. Today, internet technology has become the backbone of transfer of information across industries worldwide without exception.

Take the banking sector for example, there are millions of transactions that occur on a daily basis. All of them require transfer of information from one point to the other, and internet constitutes the primary medium of conveying this information to the receiving end.