Vitalizing Knowledge Management for Assessing Organizational Behavior during Covid-19

Eissa Mohammed Ali Qhal[1*]

[1] *Administrative Department, Applied College, Jazan University, SAUDI ARABIA.*
Corresponding Author (Email: Egohal@jazanu.edu.sa).

Abstract

Coronavirus has produced a requirement for innovations that empower correspondence, joint effort, training and logical talk while keeping actual separation and physical distance. Organization terminations because of COVID-19 and physical separating measures disturb scholarly exercises that happened eye to eye and to assess the organizational behavior. This study incorporates the information on friendly and social sciences, looking through its application in administrative practice. Hierarchical conduct consequently addresses interdisciplinary methodology towards HR's the executives in the work process. It examines human assets on the board and utilizes the consequences of investigation for the executives' improvement limitations set on organizations because COVID-19 has blocked most traditional types of enterprises, trade, business and allied talks including managing knowledge and behavioral activities. Anatomists presently require legitimate, strong and simple to-utilize specialized instruments to work with remote instructing, learning, exchange and information exploration. Late advances in correspondence, video conferencing, online meetings and computerized innovations might work with the progression of a company and exploration exercises. Models incorporate exceptionally intelligent video conferencing innovation, collective apparatuses, web-based media and systems administration stages using virtualization. In this account survey, we inspect the utility of these innovations in supporting compelling correspondence and expert exercises of knowledge anatomists during COVID-19 and later pandemic effects by the usage of cloud computing and virtualization techniques.

Disciplinary: Knowledge Management, Organizational Behavior Management, Computer Science & Engineering (Information System).

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1 Introduction

Every association or company is an intricate, open and dynamic financial framework. Its conduct changes based on inward just as outside climate sway. Its genuine activity relies upon different subsystems included, yet in addition on the coordination precision and reconciliation of its exercises. Administrative exercises' elements characterize their own authoritative perspectives dependent on their objectives. The administration endeavors to incorporate material, monetary, human and enlightening sources into a brought-together framework. The administration discernment in this manner needs an orderly methodology as none of the angles referenced above can be avoided during the time spent on useful assignments tackling. The directors are the ones answerable for laying out and meeting the objectives. This must be finished by planning others' exercises. The administrators are additionally answerable for the compelling activity of the partnership as an intricate unit which is molded by their review and information on various authoritative conduct perspectives and fields. Since the partnerships work in a specific climate the conduct should be considered with regards to authoritative cycles. At present, the current administration should manage coming up next supervisors' basic inquiries, for instance: - What do our workers do? Are specific exercises inside task positions collected deliberately?

Are workers truly mindful of their jobs comparable to the organization's objectives? - Do you truly do what we ought to do and don't we do what we ought not to do? - Do we truly need as numerous administration levels as we as of now have? Such inquiries impact the representatives and should be managed not just by top administration, likewise by center administration, just as by HR supervisors, who are keen on administration effectiveness, besides in fulfillment, solidness, and faithfulness of the labor force. Development of organization structure, making of the organization, and all progressions inside the subject are connected with work and individuals who play out this work on various work positions. Chiefs can add to the interaction of organization creation and changes inside the organization because they comprehend the realities that impact the association's conduct. Association AS A PROCESS as a general rule, the course of association is described as: „creation, improvement, and support of the arrangement of facilitated exercises in which people and gatherings of individuals collaborate in light of a legitimate concern for mutually comprehended and concurred objectives". Catchphrase for this definition is the word „system" - the association is a framework that exists and works under the impacts of climate, it has own construction which includes formal and casual components. Association is not a static component, there are steady changes inside the organization, in the climate wherein it works, and also, individuals that work there change themselves, as well. The best that ought to be done is to advance substantial cycles and to remember that assuming some new construction is made, it will be dependent on qualities of organizational climate and one of the principal objectives that should be satisfied is to accomplish concordance between its design and the previously mentioned attributes.

Likewise concerning the effect of the pandemic-put together working environment limitations with respect to information the executives, the CEO shared his feeling that the company "had been arranged, with COVID-19 simply changing the physical spot". He proceeded to disclose that staff needed to become acclimated to not having a similar level of casual correspondence as in the past, for instance over an espresso in the individual knowledge regions. In this setting, he perceived that they would be "missing something", yet that it would be "not all that awful". The innovators and managers clarified that "the need to telecommute had really assisted making with peopling convert information from implied to unequivocal". Thusly, the virtual framework had become always critical to keep up with command over information and knowledge of the business. The equivalent was viewed as valid for work from home, where the executives and managers recognized effectiveness gains through upgraded online documentation, virtual meetings and group discipline. While already information was essentially shared through passage discussions, it then, at that point, opened up to all colleagues all around, an element, in any event, bringing about more compelling by and large deals processes. Adding to it, and as expounded prior, MS Teams had now transformed into the essential online closed device, giving talk functionalities like those of the well-known at this point prevalently secretly utilized WhatsApp application. On that record, the executives noticed that messages had become less significant because of them being "excessively static", with no moment conversation being conceivable and business notes, document sharing and in like manner lumbering endeavor. Information documentation advantages of MS Teams were additionally distinguished in contrast with earlier actual associations, which were "excessively quick for moment documentation", and subsequently requesting records as a tedious subsequent occasion. All things being equal, meeting plans would now be posted on Confluence with the online company either recorded or in any case quickly reported and interlinked.

One dazzling finding by the executives and managers concerned the way that their "tech folks would generally associate with the behavior of overall organization more now than they were when meeting partners eye to eye" in the pre-COVID-19 setting. He placed that the managers being referred to would despise making some noise actually before others, however, that they would not have issues conveying and trading information on the web. Fairly related yet unique, the CEO also validated a "substantial sensation of interfering with individuals when calling them". In this new virtual climate, this thought had prompted an entrancing "new manners", where shoaling would will more often than not really reconsider connecting; or first brief a short solicitation for a discussion, finding out if it would be fine to upset. Subsequently, aggravations were found to have decreased altogether.

Tragically, be that as it may, the new virtual climate was likewise found to prompt various negative impacts. A first such impact concerned the information the board frameworks: while the decrease from earlier "ICT-piece-feast" (quote: Executives, Managers & Operational staff) had commonly been valued, it in like manner brought about a steadfastness on a couple of significant

framework suppliers. These suppliers, as per the era are technologies using cloud computing & virtualization that would refresh their business, move content (for example from on-reason to electronic), and make covering information the board related usefulness - all of which outside of the schools' control. Not to discuss the way that basing fundamental information online produced licensed innovation concerns. As far as a representative joint effort, the trade of information was affirmed to be more intricate. As the Head of Software Development detailed:

"The channel for individual contact and communication is smaller in virtual contrasted with actual conditions"

From one perspective, the individual and casual company was considered to happen less regularly. Then again, when and where connections were being executed for all intents and purposes, they would need critical parts of correspondence like motions or potentially looks and so forth Further on, as was noted by a poll respondent, colleagues would go to virtual connections with diminished consideration, "as one generally attempts to achieve something different in equal"

This work contains a questionnaire for both main as well as minor data collection. In this text, minor data sources have been applied in the research, as observed in the literature section. The main data sources involved are heavily borrowed from scholarly materials available on the internet related to organizational behavior. This data is obtained from online repositories, libraries, and e-books, after which the data is synthesized concerning the subject, as discussed here. On the other hand, main sources are gathered from questionnaires used to collect data from correspondents who participated in this research. The questionnaires are discussed in the methodology chapter of this paper. For simplicity and genuineness, all information presented in this paper got attributed to the original author by referencing the particular sources as required. The following section offers the review chapter that discusses the topic of research in detail.

2 Literature Review

2.1 Managing Knowledge

One staggering finding by the Product and Innovation Manager concerned the way that their "tech folks would quite often associate more now than they were when meeting partners up close and personal" in the pre-COVID-19 setting. He set that the people being referred to would detest making some noise by and by before others, however, they would not have issues imparting and trading information on the web. Fairly related yet unique, the Product and Innovation Manager authenticated a "substantial sensation of interfering with individuals when calling them". In this new virtual climate, this thought had prompted a captivating "new decorum", where partners would quite often think long and hard about connecting; or first brief a concise solicitation for a discussion, finding out if it would be fine to upset. Accordingly, unsettling influences were found to have decreased fundamentally.

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valued, it similarly brought about a reliability on a couple of significant framework suppliers. These suppliers, as indicated by the Product and Innovation Manager, would refresh their product, move content (for example from on-reason to electronic), and make covering information the board-related usefulness - all of which is outside of the organization's control. Not to talk about the way that basing fundamental organization information online produced protected innovation concerns. As far as worker joint effort, trade of information was affirmed to be more perplexing. As the Head of Software Development defined:

"The channel for individual contact and association is smaller in virtual contrasted with actual conditions"

From one perspective, individual and casual trade was considered to happen less oftentimes. Then again, when and where cooperation was being executed practically, they would need significant parts of correspondence like motions and additionally looks and so on. Further on, as was noted by a poll respondent, colleagues would go to virtual collaborations with decreased consideration, "as one generally attempts to achieve something different in equal".

2.2 Types of Knowledge

There are different types of Knowledge managed in KM. It is critical to distinguish between various knowledge categories that exist to understand how to manage them for storage, access or retrieval, modification, and sharing. Also, it is essential to realize that the nature in which the Knowledge is found may dictate the KM practices applied in managing such Knowledge. For example, data stored in hard copy printed materials in an office or a company's repositories is different from data stored in an expert artist's brain. There are three main categories of Knowledge;

2.2.1 Explicit Knowledge

This category of Knowledge is characterized by codification and formalization. The Knowledge is easily accessed and stored using KM principles (Alavi and Leidner, 2001). It cannot be used in making serious competitive company decisions as it is of an inferior nature that is basic as it does not contain the necessary rich experience and expertise to perform different tasks as required. It is important to note that many KM software is based on this data, which is unfortunate because the software becomes nothing much more than an information management system. This type of Knowledge can be found in company memos, letters, minutes of meetings, notes, and databases.

2.2.2 Tacit Knowledge

This type of Knowledge is also known as Know-How Knowledge. This type of expertise is based on the experiences gathered by an individual, which makes it harder to define as the definition may be based on an individual's understanding (Al-Qdah et al., 2018). As a result, Knowledge may be challenging to share in communications sometimes as it is deeply rooted in how the individual does their tasks or commits to their work. The experience is most useful within any organization compared to other knowledge types as it paves ways for the firm (Aamodt and

Nygård, 1995). In effect, this is the most crucial Knowledge in any organization or company. Organizations that do not have this type of expertise are less competitive and are at a lower level of innovation (Wiewiora et al., 2013). It is crucial to note that a lot of care ought to be applied to handle this type of Knowledge since it is hard to codify into an IT KM system or software. Hence, the KM techniques and principles applied to the handle of this type of Knowledge must consider the people and procedures within the domain. In addition to this, Information Technology plays a significant role in supporting the codification and application of this type of Knowledge in different companies. Examples of tacit Knowledge included people's beliefs and cultures, craftsmanship, mental models, skills, or expertise to perform various tasks. The primary storage for tacit Knowledge in the human branch makes the Knowledge implied without being stated.

2.2.3 Embedded Knowledge

This type of Knowledge is incorporated in processes and products, rules, company cultures, and code of conduct in the said company. These are the housing structures that encompass the embedded knowledge type. The embedded Knowledge is actualised through set routines and formal procedures and has some practical value attached to them or informally, as discussed earlier with the other two types above. It is essential to underscore that the embedded Knowledge has challenges resulting from varying implementations given that cultures and routines may be hard to develop or alter. Embedded knowledge handling is more comfortable when the experience is formalized, as it is possible to learn new lessons in management processes, routines, and products (Alvesson, 1995). When properly implemented, embedded Knowledge has a competitive advantage for any company and organization that implement it as it is challenging to organize. Only a few organizations can actualize it for beneficial gains.

2.3 The Pillars of an Efficient Knowledge Strategy

As earlier stated, the KM approach must be in harmony with the company's goals and objectives. Every company has specific goals that they have to achieve to grow and move forward. The KM managers are responsible for coordinating KM, including sharing, incorporation, and new knowledge development.

Knowledge Managers are the chiefs and coaches that drive an organization's KM structure. They nudge different employees through the team leaders, continuously pushing them towards improving their KM capabilities. As a result, companies continually experience growth over time. This section discusses the main components of an effective Knowledge Management strategy in a company or organizational context.

2.3.1 Knowledge Auditing

It is essential to understand how a company's silos and repositories are defined and illustrated so that when the Knowledge flows, the company may be exposed to improvements. The KM manager must understand the specific domains of expertise related to the specified firm and establish gaps in the field (Alvesson, and Kärreman, 2001). Given that there are numerous

knowledge locations in different companies that store Knowledge for running the businesses and sharing, the KM manager must be concerned with how the Knowledge is accessed and shared from these locations. At times, duplication and leakages of Knowledge from these locations may occur. When this happens, the KM manager should allow a problem-solving conversation within the company.

2.3.2 Content Management

Content management involves dealing with a company's documents to ensure easier maintenance and management. It is essential to have the content stored in a centralized location where it is accessed and shared with the different stakeholders. When the Knowledge is centralized, maintenance costs are significantly reduced, and the time used to solve challenges such as knowledge duplication as earlier stated, is also reduced.

2.3.3 Learning and Development

Knowledge Management is dynamic, and Knowledge keeps evolving as new business lessons and procedures are learned. Therefore, the company's goals must also be enshrined in staff development and its employees' interests, so that knowledge absorption becomes much more manageable. In doing so, a learning company culture is developed that, in turn, improves the company's engagement.

2.3.4 Knowledge Operations

This step involves mobilizing the available Knowledge and ensuring that the same is available in different action areas. The KM manager needs to have a clear definition of the procedural methods that must be employed to avail the Knowledge at an appropriate time. Some companies dealing with operations such as finance management, HR, customer support, and legal issues may apply Knowledge-Centered Support (KCS). Different companies may use other methods in streamlining the knowledge delivery and availability to the various teams worldwide.

2.3.5 Social-Network Analysis

A KM manager needs to understand the firms' social setup to ensure that changes are easily communicated and implemented. The company's social influencers and social hubs simplify sharing and implementation of new Knowledge within the company.

2.3.6 Coaching and Mentorship

A company must establish some form of training and mentorship geared towards teaching and impacting new company recruits' Knowledge quickly. Confidence that yields reliability on the employees' part is developed from practice by coaching the employees to understand and relate to the company's intended goals and incentives.

2.3.7 Management of the Communities

Communities and teams within a company drive collaboration as well as easier propagation of Knowledge within the company. Collaboration is one of the critical ingredients for realizing an

effective KM strategy in any company (Ashraf and Murtaza, 2008). The partnership brings together different stakeholders within the company, including the customers, to the same discussion and knowledge sharing table. The collaboration further avails the Knowledge at large-scale necessary for driving growth and corporation within the company.

2.4 Knowledge Management and Enhancing Organizational Performance

Barclay and Murray (1997) concluded that knowledge management processes and procedures determine an organization's effectiveness and creativity. In similar sentiments, Magnier-Watanabe and Benton (2017) found a positive relationship between a company's organizational success, the applied knowledge management processes, and the company's managerial infrastructural procedures. Knowledge management practices have a significant role in improving an organization's performance.

Even though KM has had positive effects in many industries, especially with the transition into a knowledge-driven economy, some organizations faced acute difficulties when adapting KM principles to drive competitive growth. This scenario is witnessed in many different firms as KM is not an easy process, primarily when the company is run on traditional methods of storing, modifying, and sharing the available Knowledge. Other recent scholars have established four main elements that constitute KM infrastructural development in different firms as discussed below; (Bley et al., 2016).

2.4.1 Organizational Culture

Companies and organizations are made up of employees that constitute a critical part of the company. All employees have their unique behavior and attribute that, in turn, establish the culture of the company (Sarkis et al., 2020) It is crucial to understand that the organization's culture not only contains Knowledge but also dictates the specific parts of this Knowledge that become enshrined in a company to realize a competitive advantage. An organization's culture must aim at accommodating the different ideas of its employees to realize collective success. Knowledge generation and sharing must be allowed to ensure that the KM practices within such an organization keep on continually improving. Debates and discussions may be held at the organization's different managerial levels to collect various stakeholders and employees (Cascio, 2000). It is also important to note that with this regard, everyone's contribution has value irrespective of their position in the company or organization and should therefore be considered in proposing changes and gathering more information above the company's cultural infrastructure. Culture influences KM in knowledge creation, distribution, and application, in four different ways. Culture moulds the assumptions concerning the definition and storage of Knowledge. In effect, it dictates what Knowledge is useful enough to be retained within the company or organization.

Furthermore, the company cultures establish the relationship between different individuals and the company itself, thereby dictating the specific individual responsible for sharing the

knowledge with others and keeping that Knowledge private to the company's interest only. In addition to this, the company culture facilitates these social interactions by defining how Knowledge is applied to resolve different challenges within the company. Finally, the company's culture is a dominant factor that dictates the procedures followed in creating new Knowledge and fixing the challenges that may arise during the process. It is crucial to understand that the collaborations between different company employees, based in other parts of the world, are aided by the company's cultural interactions. When the associations have a strong cultural base, it becomes easier for the tacit Knowledge within a company to be transferred into explicit Knowledge. When this knowledge conversion occurs, tacit Knowledge is transferred from different individuals to the company level.

2.4.2 Building Organizational Structure

An organization's structure involves centralizing and formalizing several authority components, including which power and authority are assigned. The company structure is an essential component in realizing the application of effective work procedures in the said workplace (Verma and Gustafsson, 2020). An organization's structure may promote or become a hindrance to creating and disseminating knowledge within a firm. Therefore, the structural organization must not create a barrier to the flow of experience within the company. A good company structure should create a conducive environment that fosters engagement and dialogue between different companies. This approach ensures that all parties are given a chance to contribute their set Knowledge and procedure.

2.4.3 People

People disseminate all Knowledge in any organization. Furthermore, the same knowledge base storage is within people's brains. In other words, without people, then knowledge creation, sharing, application, and storage would not be possible (Heaidari, et al., 2011). When the people within a firm are willing to create and share knowledge, they must be managed to tap into the Knowledge they possess while sharing the generated knowledge (Heaidari et al., 2011). When the company's employees are rich in T-shaped skills, the organization should exploit these abilities by ensuring that they create an environment that allows disseminating this Knowledge. T-shaped skilled people are those who specialize in a particular field and have a wealth of Knowledge around their expertise.

2.4.4 Information Technology

Information Technology continues to simplify the performance of different tasks in different industries and sectors within any world economy. Information technology provides platforms that greatly simplify how knowledge dissemination continues to be practised in modern times. By availing the Knowledge in real-time irrespective of the geographic jurisdiction, companies can share and create large volumes of explicit Knowledge. Furthermore, information technology's analytical tools are crucial in extracting information from large volumes of collected data.

At times, a company may perform a knowledge repurposing that involves transforming the Knowledge from one form to another as required by the context. With respect, different companies may want to employ an external firm's services specialised in this field of knowledge management (Kumar et al., 2015). As earlier stated, Knowledge is continuously generated as new lessons are learned and applied. As time goes by, some of the collected information becomes of less value or irrelevant. At this juncture, the irrelevant Knowledge has to be disposed of to optimize the knowledge space of storage. Some companies may choose to destroy Knowledge. In contrast, others may prefer to keep the information in an offline storage space where the Knowledge is no longer accessible to the company's employees so that there is no confusion created while disseminating the Knowledge.

2.5 Effects of Information Technology to Assess Organizational Behavior in Context of KM

Technology has come a long way in the past few decades, thanks to the evolution of information technology that has incessantly produced powerful and innovative ways of performing tasks and achieving success in different areas of any economy. The business environment has continuously been evolving in the past few decades, and with the changes come new challenges that had not been anticipated. Information technology has brought about a subtle solution to this situation, and organizations can finally keep pace with the fast-changing business environment. With the application of IT in the different sectors of the economy by various companies and corporates, the production costs incurred are significantly reduced, and a more significant profit margin is achieved. In modern times, it would be almost impossible for any tremendous enterprise to survive without using technology in simplifying their operations and delivering results faster and more efficiently. Smart Knowledge Management Systems have replaced the traditional knowledge management clericals in different firms.

The KM systems automate significant tasks in the firm, such as knowledge storage, collaborative modification, and knowledge sharing. The innovative web and computer applications that have been primarily adopted by different organizations harmoniously bring together captains of industries, managers, employees, and customers in one single platform where everyone's contribution is appreciated and effected accordingly. The relationship between technology and knowledge management in different companies has yielded promising results that were just a thought in the past few decades. Advanced computing concepts of information technology, such as machine learning and artificial intelligence, continue to assure companies of a brighter future where different activities involving the KM processes are streamlined as never seen before. The beauty of the technological advancements within knowledge management is that the tools created are easy to use and make the lives of both managers, team leaders, and employees much more straightforward. From a single online base, the manager could perform tracking of the company's Knowledge securely while driving engagements and contributions among different stakeholders with access to the KMS.

Information technology offers transformative within organizations by delivering results faster and more accurately. For example, tasks such as file storage, indexing, categorization, and searching that were done manually in the past have been upgraded and automated. The outcome of this transformation is better and actionable Knowledge that is free of human error. It is essential to state that different innovations are meant to be used differently. As such, any company that plans to upgrade to the KM systems must first understand their company's knowledge management needs so that the right tool is employed towards resolving the challenges. Big data is a critical component in data analytics in modern times as it develops trustable trends that are used in making business predictions. Companies make their decisions based on these predictions, and it has proven useful, especially in understanding the market trends, consumer behavior, and what products need improvements. Big Data is a game-changer in the field of KM, especially when collecting large volumes of Knowledge for condensation purposes. Companies enjoy proactive sharing and delivery of an experience to the right parties in real-time. It is also critical to realize that the KMS being knowledge enablement tools may not necessarily resolve all the errors in the company's Knowledge, primarily if these errors occurred during the data entry when the organization was turning to IT for solutions. However, the tools offer express functionalities that enable the companies to perform document restructuring, thereby correcting any knowledge mistakes within the KMS due to insufficient data. This functionality is essential, considering that the typical company or organizational Knowledge comprises 80 % of unstructured information. The IT knowledge management tools that are found in the market today are useful in improving employees' productivity, product promotion, research outcomes, and government agencies who rely on Knowledge to drive economic decisions. Simply put, the perfect KMS must empower everyone involved in the context where it is employed.

The future of knowledge management can only get better given the massive investment currently put towards discovering a better integrated and seamless solution that combines human and computer cognition towards resolving challenges within the field. Significant players in information technology believe that the future holds intelligent decision-making processes based on the Knowledge gathered from cacophonous information streams generated from different industries and economic sectors (APQC, 2015). Information technology has a fair share of cons, given the volatility of the information stored and transmitted through the internet. Knowledge risks increase with the increase in connectivity. According to Trees (2015), the vice president at Fluor, John McQuary, argues that with advancements in IoT, excellent connectivity and risks shall be inevitable in the future. Therefore, big IT firms are actively involved in research to secure these innovations if different companies apply them to private and confidential Knowledge.

Further actions must be taken by the companies leveraging advanced KMS, including approaching the security challenge from a different perspective, such as working with active information security firms. Rather than just focusing on the knowledge collaboration part, the companies must strike an equilibrium between collaboration versus information security. These

steps are in line with the earlier discussed points in this text that Knowledge is an important company asset and must therefore be protected adequately just like any other tangible assets such as buildings and movables. Irrespective of the risks involved with the knowledge connectivity, the Knowledge has to move within the company to realize progress. Different KMS exist in the market today, including Tableau and R-Studio.

## 2.6 Knowledge Virtualization and COVID-19

In the past few decades, the field of information technology has undergone massive developments. Cloud migrations, machine learning, artificial intelligence, gig economy, and high connectivity reliance characterized the last decade. Similarly, during COVID-19, many companies have experienced tremendous changes concerning data and knowledge handling. The limitations, including closures on the work environments, have left companies with no other options other than upgrading to the cloud and automating their company knowledge management practices. Working remotely has become the de facto method of employment, forcing employees and companies to look into virtual management through live chats and virtual video conferencing meetings in an attempt to sustain the company (Chong et al., 2009). For some of the companies and organizations employing Zoom Teleconferencing, it is their first time appreciating the existence of such a platform and its importance with regards to their work environments. The business models in many industries have been altered permanently by the COVID-19 Pandemic. Key among these is the education sector in different economies. The big challenge lies in how to run the education system given the huge risks that are associated with the virus. As a result, all the firms looking to continue providing essential services to the public must realign their products and models in a manner that protects their clients in the long term. Many industries have already started fully adapting Knowledge Management virtualization as both a short and long-term plan to remain relevant within their spheres of operations should the virus persist and current limitations are not lifted. Different platforms have come up to address this challenge through KM virtualization as well as cloud computing (Cirrincione et al., 2020).

Currently, governments around the world are faced with unknown COVID-19 Pandemic resurgence consequences should the economies be put back to operation immediately without considering the safety of the public. All governments have to make difficult decisions between saving their crippling economies versus maintaining public safety. However, irrespective of the virus prevalence, the lives of people have to go back to normal or at least to some degree that the affected public funds for itself. Information technology through KM virtualization strikes the delicate balance between the survival of the different economies while maintaining public health safety (Basilaia & Kvavadze, 2020). Knowledge Management virtualization continues running big companies through automation hence ensuring the safety and prosperity of the company as well as their employees. For many companies, virtualization has opened new means of delivery that are cheap and fast since a lot of costs have been cut off the company's budget given that the employees flexibly perform assigned tasks and submit from their homes comfortably (Cox, 2016).

3 Methodology & Research Approach

Information assortment techniques are isolated into quantitative and subjective strategies (Figure 1). This review is a crossbreed in that it adjusts both unmistakable methodologies as a procedure to decide the impacts of Coronavirus on the information of the executives. Thus, a subjective information assortment technique was generally pertinent to apply in the social occasion of information for the information examination. The subjective examination is a logical exploration in that it is based on the musings and assessments of individuals through conversations, meets, and composing correspondences. Subjective information assortment procedures can be additionally ordered into two classes, that is, unstructured and semi-organized methodologies. Semi-organized procedures incorporate meetings where the arrangement of inquiries that the journalist is planned to answer are foreordained and ready by the analyst before the real polls were directed.

Authoritative improvement is connected with arranging and acknowledgment of the projects pointed toward expanding the association's productivity and its response to changes. The objective is to give arranged and smart ways to deal with this interaction virtually to assess the organizational behavior in the business era. The proficient association is such an association that satisfies its target in the method of fulfilling wishes and needs surprisingly involved, changes assets to the chances, adjusts deftly to changes in the climate, and makes organization culture that builds faithfulness, innovativeness, and shared trust.
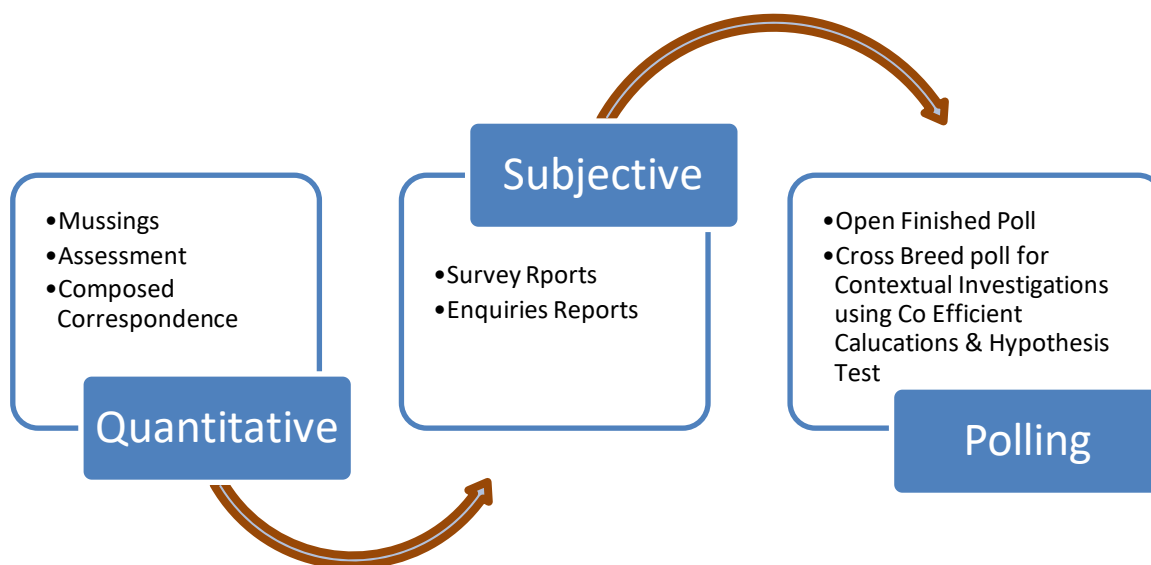
Figure 1: Data Collection Process & Research Methodology

Organized subjective procedures, like organized polls, have sequentially predefined questions that specialists intended for the reporters to reply. The scientist allows the inquiries to stream normally from the survey with the journalist. This viewpoint represents the way that the information gathered utilizing this strategy may not be explicit or even pertinent to the examination. This contextual analysis applied the organized strategies in planning a survey that

was utilized in the assortment of the information from the reporter. An organized information assortment approach enjoys various benefits in this examination since every one of the respondents from the exploration test answers questions as it becomes simpler to think about and break down the got information. The accompanying segment clarifies exhaustively the strategy that was utilized in the assortment of the information.

The review made and conveyed an internet-based poll to notice the gave wellbeing rules against the COVID-19 Pandemic. Two sorts of polls might have been sent when gathering the information from the members. Initially, an open-finished survey was suitable. An open poll contains inquiries with no predefined decisions. The journalist is allowed to answer the things in the manner that they diminish or comprehend the responses that were asked in the poll. On occasion, such a survey's reactions may not contain exact information if such information was required. The second sort of poll is shut finished. This sort of survey incorporates inquiries with predefined decisions from where the client can choose a response from a rundown of arrangements given to them.

Not at all like the open-finished poll, shut-finished surveys are centered around explicit subtleties and may, now and again, contain driving inquiries. The main inquiries require a yes or no response minus any additional conversation or clarifications. A shut-finished poll stringently holds the journalist inside the setting of what was required for an issue. On occasion, the reporters might feel restricted as they might have to offer further clarifications. All things considered, a shut finished poll saves time and is effective in acquiring just applicable information for a review.

This contextual investigation applied a crossbreed poll by consolidating the ideas of both the open and shut finished surveys. A few inquiries had options, while others required the reporter to give their perspectives about the subject under study. The poll contained two areas; the principal segment required the reporter to fill in their organization data like their organization's name, their complete name, and their situation inside the organization. The subsequent part comprised of inquiries identifying with the topic: information the executives progress to virtualization during the Cold-19 Pandemic. For the journalists' protection and security, the members were allowed to look for the secrecy of the information they gave, remembering that having a place with the organizations for which they work. Therefore, the outcomes introduced may not really contain data that could be followed back to the journalist, for example, their names and organizations they worked for during the COVID-19 Pandemic.

The poll was circulated among the examined populace to decide the impact of information the executives rehearses in the progress to virtual information social orders during the Covid Pandemic. The principle justification for utilizing the surveys was that the populace was dispersed as most representatives were working from their homes. This technique empowered security and straightforwardness was kept up with. Each representative partook in light of the fact that they could peruse and comprehend the inquiries obviously.

As indicated by the characteristics of reaction decisions, close-finished surveys produce exclusively convincing information. Moreover, as far as adequacy and productivity, the polls are additionally exceptionally practical, and individuals could fill them essentially. The polls' legitimacy was done using a pilot study against the forthcoming example populace. The phrasing of inquiries was chosen by a previous first test and results surveyed. Besides, the inquiries were re-checked acutely so that there were no obscure or most likely unseemly inquiries to the respondents that might prompt biased input; subsequently, it improved the exploration instrument's real legitimacy.

4 Results

4.1 Significance of Organizational Behaviors

The questionnaire to assess the organizational behavior requested the respondents to indicate their highest level of education. 44% of the respondents stated a bachelor's degree and professionals' highest level from the findings. Another 32% of the respondents had achieved a master's degree, while 16% of the respondents had indicated their highest level as Ph.D. At least 6% of the respondents had stated diploma as their top-most education level, whereas 2% of the participants had stated that they held certificates as their highest academic qualification. These numbers suggest that most of the respondents had bachelor's degrees and professional courses as their highest education level. This will deliberate the extent of behavior and its impact to assess the overall behavior of the company and its significant impact practiced with the help of calculating its sampling frequency and percentage. Table 1 shows the effect of coronavirus on knowledge management practices about virtualization.

Table 1: Extent behavior to which coronavirus Pandemic contributed to virtualization

Extent Behavior	Frequency	Percent
Very great extent	15	30%
Great extent	28	56%
Moderate extent	7	14%
Total	50	100%

4.2 Annual ICT Investment

The research was also aimed at a determination of how information technology has contributed to the achievement of better knowledge management principles in different organizations. From the results Table 2, 56% of the sampled participants indicated a great extent, 30% of the participants pointed to a very great extent, and 14% showed a moderate degree. This implies that investment in technology significantly affects the knowledge management of an organization and its financial behavior.

Table 2: Annual investment in the information technology

Range of investment annually	Frequency	percent	Mean	SD
USD 0-10million	10	20%	0.47	0.24
USD 10-50million	32	32%	1.52	0.52
USD 50million or more	8	16%	0.76	0.43
Total	50	100%	2.75	1.19

From the findings, the mean of 1.52 implies that many organizations are investing an annual amount ranging from $10-50 million in information technology equipment that is represented by 32% of the total frequency. A mean of 0.76, which represents an investment running $ 50 million and above, and 0.47 representing 20% of the total frequency, was observed. This indicates that many organizations invest a considerable sum of money annually, represented by 32%, maybe due to embracing knowledge management's virtualization. These figures give a rough value of the budgetary allocation that big firms invest in pushing their businesses forward through the use of information technology solutions. According to (Lee and Choi 2003), companies invest an estimated 3-6% of their annual budget on information technology in overtaking the competition by adapting viable innovations in their respective fields. As competition for the available market becomes even more fierce, it is expected that these companies will look to increase this number in the future. While some companies spend large sums of money equipping themselves technology-wise, others are cautious of extra expenditure to maintain the traditional recession mindset. This mindset minimizes the firm's expenses as much as possible in the belief that cutting the spending is necessary for survival. It is sad as these same companies may not withstand any business uncertainties that the future holds if they do not change this situation and accept technology for what it has become today. It is also worth noting that companies should not assign IT a budget just because the competition is doing the same. Since IT tools can be expensive, these firms must adapt only the necessary tools. This means that all technology adapted by a firm must have its purpose, or else it is just another money hole that offers no ROI based on the assigned budget. Nevertheless, it is recommendable that all companies must have some IT budgetary allocation in their annual accounts.

Table 3 shows the effect of principles in different domains concerning the future of knowledge management

Table 3: Extent Behavior to which other fields affect knowledge management.

Extent Behavior	frequency	Percent
Very great extent	25	50%
Great extent	19	38%
Moderate extent	6	12%
Total	50	100%

The research was aimed at determining the scope to which various KM principles in different domains affect the future of knowledge management. From the findings in Table 3, 50% of the respondents indicated that the application of KM principles fields affects knowledge management's future significantly. In comparison, 38% of the respondents stated the application of the principles affects a great extent, and 12% of the respondents indicated principles of domains moderately affect the performance of the virtualization of the organizations. This implies a lot of guidelines in different disciplines concerning the future of knowledge management. Generally, a section of the population sample found KM as an essential tool to drive growth. This view serves to confirm what is shared by different scholars, as illustrated in this text's literature review section.

Table 4: Model summary

Regression Statistics	
Multiple R	0.973
R Square	0.946
Adjusted R Square	0.864
Standard Error	383.044
Observations	6

4.3 Regression Analysis

Adjusted R squared is a coefficient of calculation that illustrates the reliant variable's variation due to changes in the independent variable. From the indicated results in Table 4, the value of adjusted R squared was 0.8644, an attestation that there was a disparity of 86.44% on the knowledge management practices in the transition to virtual knowledge societies due to changes in organizations embracing virtualization that is rapid at 95% confidence interval. R is the correlation coefficient and determines if there are any relationships between different variables in the study. The outcomes indicate a robust positive relationship between the research variables, as indicated by 0.9725.

Table 5: ANOVA

ANOVA	Df	SS	MS	F	Significance F
Regression	3	5119887	1706629.11	11.632	0.008
Residual	2	293446	146722.999		
Total	5	5413333			

From the Anova statistics in Table 5, the processed data and the population parameters had a significance level of 0.0081, which shows that the data is ideal for concluding the population's parameter as the value of significance (p-value) is less than 5%, indicating that the model was statistically significant.

Table 6: Coefficients to Calculate the overall Organization Behavior

Model		Unstandardised coefficient		Standardized coefficient	t Stat	Sig.
1		B	Standard Error	Beta		
	(constant)	0.621	0.056		.055	.001
	Impact of coronavirus on knowledge management	0.435	0.017	.024	-4.638	.012
	Role of information technology on knowledge management	-0.785	0.266	.002	1.6380	.006
	Role of KM principles in different domains concerning the future of knowledge management.	1.418	1.801	.032	0.7874	.004

$$Y = 0.621 + 0.4347X_1 - 0.7852X_2 + 1.4184X_3$$

From the regression model, an increase in information technology investment would cause an increase in knowledge management measured by the profitability of the investment bank by a factor of 0.4347. Hence, IT has an essential role to play in knowledge management in different organizations.

4.6 Hypothesis Test

A null hypothesis given by (H0) states that the difference between two variables under test in a study with regards to statistics is not significant. On the other hand, an alternate hypothesis given by (h1) will seek to provide evidence of some relationship between two variables under study statistically. Both the null and alternate hypotheses are essential in assigning meaning to some data phenomenon. In effect, the researcher has a better understanding and a relationship that merges the two concepts under test during the study. Since the study seeks to establish the impact of knowledge management principles for organizations, providing more significant "greater than" at a certain point means that this is a State at the alpha level. Given an alpha level, use 5% (0.05). A hypothesis test is included in the analysis to determine whether it is above the 95% confidence level. The 5% remainder is given since the data derives less than 100% confidence level. In this case, the impact of the coronavirus on virtualization of knowledge management in many organizations as evidenced by the null hypothesis that could not have been objected to because the Z is more significant, at 4.56, as compared to the alternative hypothesis, which was 1.645. Therefore, the hypothesis of this study is stated as the null hypothesis (ho), meaning that COVID-19 could not be the only cause for virtualization, but organizations had already embraced virtualization and were aware of knowledge management. $Z = \mu\alpha\int$. For this set of data, $z = (112.5 - 100) / (15/\sqrt{30}) = 4.56$.

Z is more significant and has to be accounted for in this case. Conclusively, as observed, the null hypothesis is greater than the alternate hypothesis (4.56 > 1.645).

5 Discussion

The advancement of the business undertaking in a serious climate of information society relies on organizational behavior by and large upon the capacity to relate to the information on individuals and group of employees who take advantage of their insight, abilities and data preferable and quicker over knowledge. We talk about getting the upper hand as the fundamental state of knowledge management for big business as a subject achievement for a behavior assessment. It is vital to consistently ponder the way that each association is shaped by individuals and that workers are the way to the achievement of each association, organization, or enterprise.

Association itself needs to know and acclimate to the qualities and trademark highlights of individuals it utilizes physically or virtually. The outcome probably won't be ideal promptly however such a virtual association will likely work better compared to the eye to eye as a human feels variable. Viable information the executives require the information that adds to the improvement of knowledge cycles and exercises of virtual associations to be accessible for the ideal individuals at prompt use practically speaking. Authoritative conduct is a training discipline that incorporates to the extent behavior based on the qualification, experience and overall correspondence that previously mentioned disciplines into a complex necessary for exercises connected with individuals and specialized management' association in the corporate practice.

The hierarchical conduct ought to be seen as a reconciliation of hypothetical and useful disciplines expected to move the administrator structure intuitive discernment towards the deliberate investigation of the human conduct to have the option to perceive and anticipate to clarify his own conduct. The administrative conduct ought not to be coincidental but instead objective situated. Obviously, it is unimaginable to expect to bring together it and set it when in doubt since individuals' characters and acting are normally divergent in different circumstances and conditions. We should know about crucial contrasts in human and hierarchical conduct which can assist us with predicting in different societies with regards to information the board.

This section deliberates the findings from the questionnaires given to the respondents to assess the organizational behavior in the context of Knowledge management KM. Data was coded and presented in tables and analyzed using mean, hypothesis test, Coefficient calculation, and Anova. It was essential to thoroughly pass the collected data through the various procedures mentioned here. From the data analysis and the discussion of the results, relationships between different variables were drawn. Key among these results is the relationship between an organization's success and the adapted KM strategies within the firm. If KM is a growth driver in any organization, then information technology is the wheels upon which KM rides. Virtualization has not only simplified the lives of employees but has also opened new frontiers to so many people who did not know about this technology before. The results here only confirm that the future is digital and heavily reliant on technology.

6 Conclusion

The COVID-19 Pandemic is just but an example of a calamity that can cripple entire economies leave alone companies. The big question then revolves around the best strategy that companies could use to shield themselves from the effects of such devastating occurrences on the company's knowledge management procedures. As the economies continue rejuvenating past the COVID-19 Pandemic, one thing is for sure; many organizations, both large and small, will never be the same again, especially with regards to how knowledge management is approached in these companies. It must be noted that should the Pandemic come to an end, many companies have learned their hard lessons and are willing to continue using virtualization as the next frontier of delivering goals and objectives through proper and effective knowledge management.

Companies are encouraged to invest in information technology as it is the only key to better and simplified operations in different industries. By implementing information technology solutions, the organizations are shielded from uncertainties that arise from risky business knowledge management practices. Companies that are yet to follow suit and adopt the recommended cloud virtual knowledge platforms need to do so if at all they are to stand a competitive chance with companies that already implemented virtualization within their business operations successfully. From a broader perspective, it is arguable that virtualization holds the key to robust business knowledge management. The COVID-19 Pandemic has created awareness in different industries about the stated fact, meaning that companies get to adapt and implement virtualization sooner

than later. Even though it may seem expensive for different firms given that this move was unexpected and therefore unbudgeted for, the future results will be impressive when the company's Knowledge is well safeguarded and made available to the relevant stakeholder even in the most difficult of situations

7 Availability of Data and Material

Data can be made available by contacting the corresponding author.

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Dr. Eissa Mohammed Ali Qhal is an Assistant Professor, Jazan University, Jazan, Saudi Arabia. His research fields of interest are Knowledge Management and Libraries Affairs, Development of Academic Libraries Portals - Management of Learning Sources, Libraries & Information Sciences.