

Article

Impact of Information Technology in the Hiring Process of People

Muhammad Azam*, Muhammad Nouman and Ahsan Rehman Gill

University of Agriculture Faisalabad, Pakistan

*Corresponding author: writetoazamkhalid@gmail.com

Abstract: As we are aware Information Technology had its cutting-edge lifestyle from the overdue sixties of the remaining century whilst the Arpanet become introduced, funded with the aid of using the branch of protection of the USA. After that, the IT enterprise has come in a protracted manner to its cutting-edge form in which miles gambling is a dominant function in each sphere of life. It has made innovative modifications in facts amassing and dissemination in addition to worldwide communication. It is growing into a surely paperless painting environment. Also, we can now ship a message very without difficulty to everywhere withinside the international in seconds. From a schooling factor of view, we can have a digital elegance in which the teacher ought to take a seat down in any part of the arena and his college students scattered in all exceptional elements of the arena via video convention with the presentation of look at substances in addition to query and solution sessions. A health practitioner now sitting in any part of the arena ought to carry out a surgical procedure in which the affected person is mendacious in some other part of the arena. These easy examples display where we stand these days in comparison to what it become 1/2 of a century back. But as we recognize not anything on this international is only correct as the whole thing has a dark side. In this paper, we might speak about the deserves and demerits of enforcing IT globally and in which we are heading withinside the future.

Keywords: information technology; impact; society; future

1. Introduction

The main portrayal is the Data period is the time used to save, control, convey, or make measurements. The sort of measurements or records is not vital for this definition. The time is any system ready to handle these records [1]. For what it is worth far generally perceived complete estimation of any sort physically might be cumbersome and tedious. In any case, on the off chance that we should expand green bundles written in heaps of dialects and get them very much inspected for each component, it is far expected to complete sooner than setting it to apply should store many endeavors and time. Likewise, the danger of human mix-ups that may emerge while matters are finished physically can be forestalled outfitted the bundles are developed holding in contemplation the exact necessities which may be inescapable and advanced well to manage the difficulties proficiently without issues. Data period works essentially dependent on those simple ideas. As we perceive its far bundles in our lives are remarkably wide beginning from simple expansion and deduction to flying a plane through autopilot and controlling a spaceship that has arrived on Mars from the floor of the earth.[2] Electronic information bases presently can save a major number of records which might be utilized effectively, and the net might be gotten to for any insights regarding any matter of exercises. Most typically, however, people could concur that these days are some chief credits that make up society:

- **Shared Customs:** Individuals in a public offer something similar or fundamentally the same as customs.
- **Region:** A public regularly comprises individuals living in a similar locale.

- **Diplomatic Approach:** A public {Citation} comprises individuals living under a similar political framework.
- **Specification of dwelling.** : Individuals in a public for the most part share a specific level of abundance and solace. Popular record: Individuals in public offer a typical past.
- **Philosophy:** Individuals in public view themselves as having a similar culture.
- **Institutes/Associations:** Individuals in the public arena have a place with or know certain establishments or associations.
- **Language:** Individuals in a public regularly communicate in a similar language.

As an occasion, people in France rate practically identical traditions, stay withinside the US France, their political device is a parliamentary majority rules system, rate the equivalent type of living, remember the "Fabulous Country" to be something remarkable, phony to perceive what appropriately dinners and wine are and talk French¹. Having set out the legacy for the examination, the second basic segment is, obviously, the propensities in IT withinside the new century[3]. Longing for the plausible advancements within the century in realities age may need to probably fill books. Surely, the variation in hopes is huge, which is not surprising while at the same time contemplating as a case the improvement in computer chip (Focal Handling Unit) energy withinside a definitive 30 years, fundamental from an immaterial Intel 8008 computer chip with more than one megahertz 30 years in the past to a gigahertz processor those days, numerous thousand occasions quicker. Just as of now significant processor makers acquainted with that inverse with anticipations,[4] Moore's Law² will save for as a base some other 10 years sooner than accomplishing the surrender of the life pattern of the advanced design for computer chips. This example shows how a decent arrangement has come about withinside a definitive 30 and could happen withinside a few years, in any case, it furthermore demonstrates that depicting IT in 30 or 50 or one hundred years can handiest be an instance of vague theory.

It very well might be exceptionally difficult to refer to what accurately will happen in this century in IT; the author does now presently not perceive and is positive that no individual else do all things considered.[5] Thus, the point of convergence of these compositions will now presently not be to clarify every one of the exciting new inclinations: new propensities will be affirmed to exhibit the contentions made roughly the impact on the shiny new society (see stage 3). Segment one presents the region. The segment gives the investigations of works achieved withinside the field. Segment 3 gives the impacts of Data Innovation on society hitherto and wherein it is far heading withinside what is to come. We situated our closing remarks in stage four.

1.1. Problem Statement

Information Technology is used as a strategic tool for companies to enhance their competitive advantages at a time when uncertainty is increasing the idea that information technology can contribute to the optimization of enterprise resources, strengthen, enable, and enhance business performance, is accepted, and supported by many empirical studies. We will check the impact of IT on human behavior for twenty-one centuries.

1.2. Objectives

The objective of this study:

IT play important role in society. Nowadays everyone connects with the help internet. The aim of this work checks the impact on IT user life. how IT change the world in twenty-one centuries.

2. Literature Review

The "public authority" of a state can be produced using numerous various organizations. In any case, patterns in the realities age have assisted governments with upgrading

their "administration" to their inhabitants. Advances in Data set age as an illustration [5]. Data Innovation also has a top-notch impact on the insurance abilities of governments. This covers each administration's usefulness to pay fight and its knowledge amassing usefulness. Advances in the age and weapons of the firearm format have sped up the adequacy of different governments' military [6]. Data Innovation has moreover had a top-notch impact on an administration's knowledge organizations. Encryption of tricky realities has empowered governments to procure brought security. In any case, attempting to decode realities is moreover a top-notch area of work for the ones recruited through the public authority [7]. The advances in the realities age have firmly inspired modern associations from multiple points of view. The most extreme essential capacity of realities age in a modern business, in any case, is to offer a mechanical benefit. Advances alongside PC helped format, social information base innovation, bookkeeping pages, and expression preparing programming programs all offer a mechanical benefit to the business, as does mechanization of creating measures [8].

The utilization of realities time to uncover an undertaking's general exhibition additionally can permit the endeavor to highlight districts where they might be currently done making the most extreme use of their assets. The utilization of realities innovation additionally can develop the undertaking's benefits through promoting and showcasing withinside the various to-be-had discussions [5]. Improvements alongside the Web and satellite television for pc television offering 24-hour get admission at low expense to almost any type of charge and item realities supported through customers will diminish the realities deterrents to green commercial center activity. This foundation may offer the methodology for affecting constant exchanges and make delegates alongside salesclerks, stockbrokers, and excursion specialists, whose trademark is to offer an imperative reality hyperlink among customers and sellers excess [9].

The realities innovation has worked with the development of more attractive mail request retailing, wherein things might be requested quickly using telephones or pc networks after which dispatched through suppliers using included delivery associations that rely apparently upon PC frameworks and verbal trade innovation to control their activities [10]. The impact of the realities period on the organizations' charge shape might be quality outlined withinside the advanced exchange model. The vital districts of expense rebate while donning out a deal through the advanced exchange instead of in a traditional keep contain materially foundation, request situation and execution, customer support, staffing, stock brandishing, and dispersion. Even though placing in and protecting an e-exchange web webpage is presumably profoundly valued, it is miles considerably less exceptionally evaluated to hold the kind of retail facade than a real one because of the reality it is miles continually open, might be gotten to through many thousands across[11] They permit community-oriented compositions concerning administered gatherings of entertainers who sometimes if at any point, meet. These innovations utilize verbal trade frameworks which can be every worldwide and continually up, thusly allowing 24-hour pastime and offbeat notwithstanding coordinated cooperation among individuals, gatherings, and organizations [12]. By diminishing the consistent charge of work, sizable working from home need to make it less hard for individuals to artworks on bendy plans, to artistic creations low maintenance, to extent occupations, or to keep up with or additional positions at the same time. Since changing over businesses may now at this point do not generally need changing over one's area of the home, working from home needs to develop measure portability and speed calling progression.

This sped-up adaptability may moreover diminish task pressing factors and blast task fulfillment [13]. The quick blast in processing and correspondence energy has raised huge trouble around privateness each withinside general society and individual areas. Diminishes withinside the worth of measurements carport and records preparing to make it potentially that it gets attainable for every specialist and individual insights mining associations to accumulate assigned dossiers on all residents. No one knows who as of now gathers measurements roughly people, how this insight is utilized and shared, or how this insight is most likely abused. These issues decline the customers' faith in online

foundations and discussion and, in this way, repress the improvement of the advanced business. An innovative method to safeguarding privateness may be the guide utilizing cryptography even though it is most likely asserted that cryptography manages the cost of an extreme hindrance to convict examinations [14]. It is a renowned skill that individuals these days be beset by records over-burden. A ton of the records to be had on the Web are fragmented or even inaccurate. Individuals invest progressively more in their energy-absorbing improper records essentially because of the reality it is far to be had, and that they expect they should perceive roughly it. Along these lines, it should be concentrated on how individuals allocate validity to the records they accumulate to develop and increment new believability designs to help customers to control the records over-burdens [15]. Mechanical advancement fundamentally makes reliance on age. The approach of a significant foundation ensures reliance on that framework. In actuality, as the field is currently relying upon its vehicle, telephone, and various foundations, it will rely upon the rising records framework. Reliance on age can convey hazards. Disappointments in mechanical foundations can reason the disintegration of financial and social usefulness. Power outages of significant distance telephone administration, financial assessment insights structures, advanced value range switch constructions, and distinctive such significant interchanges and records preparing contributions could surely reason critical money-related interruption. Notwithstanding, it very well may be impractical to avoid innovative reliance. In this way, what should be thought about is the exposure added from reliance on innovation with an unmistakable chance of disappointment, no sensible substitution within reach, and extreme charges because of disappointment [16].

There are loads of powerful exercises with social reports for example you may chat with individuals at the elective surrender of the field there might be no limitation to how some distance you may talk if there might be some other man or lady who can react in your email/Facebook remarks. You can meet parcels and additional pals over the social local area and might set up to fulfill new people [17]. The net is an incredible component according to searching for realities. Individuals who might truly want to break down new matters can do that through the net you do now at this point do not have any desire to consider sections and passages of realities you may get the arrangement you need with a tick of a mouse [18]. Further developed report on the use of email, long-range interpersonal

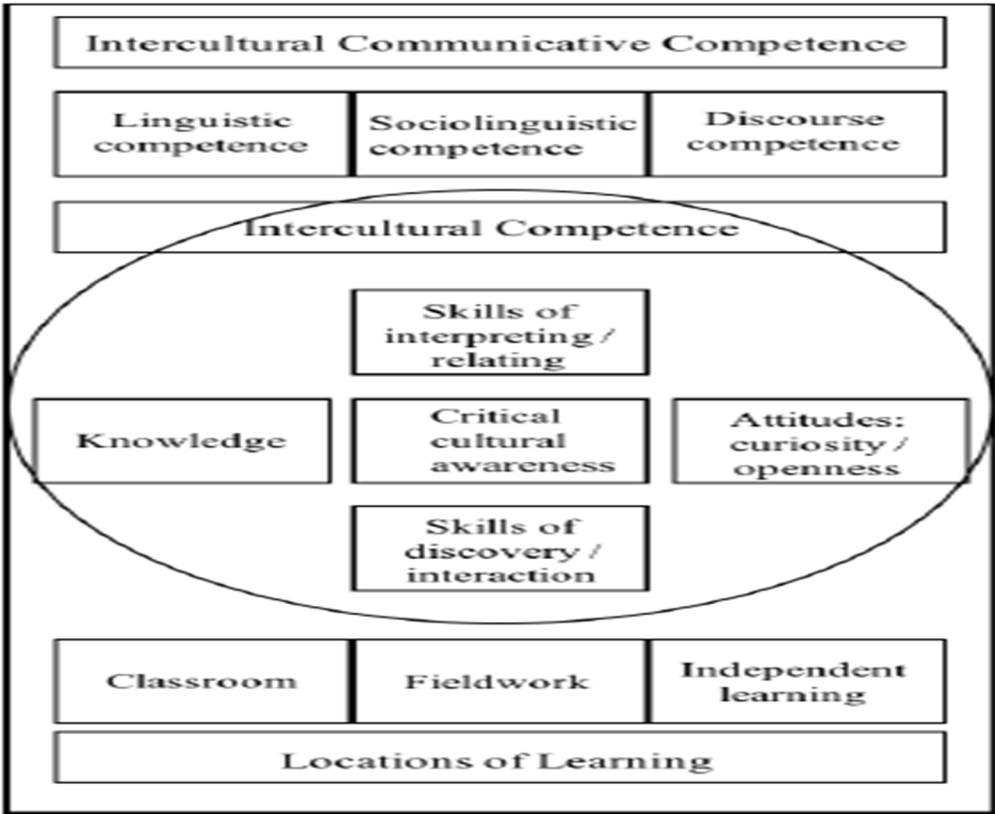


Figure 1.

This is an incredible way to talk. Individuals utilize the net to send messages to people at various finishes of the field. They do that because of the reality that it is anything but a sensibly valued and smooth and brief way to talk [19]. This is a horrible component because of the reality you do now presently do not perceive who you are speaking to me to and if you set up to fulfill this man or lady, they may not be who you trust you examined they are, and that is a colossal risk and may hurt individuals' parts. More danger of tormenting. Cyberstalking-This is quite a conceivable one of the most exceedingly terrible issues that manifest.

2.1. Positive Impacts of ICT on People

Evaluation brief: Perhaps the best impact of ICT on human beings is to allow them to gain experience and commitment after the impact of the Internet. Some of the good parts of this all-encompassing update are more reliable and accessible communications, which include IP phone calls and messaging. Similarly, using ICT to take exams increases the fun and freedom of repositioning, the ability to communicate and build relationships with people around the world, and the potential limitations of accepting things and promises from a wider range of suppliers. Improved accessibility of targeted, such as remote data protection and online education offers. For example, there are new ways to protect data from tricky electronic and multimedia realities. There are new possibilities for tasks such as multifunctional and mobile work, automated work environments, and stock market courses[18]. The overall effect of ICT is that it provides access to new materials that were previously unavailable. Many of these are coordinated with the acquisition of the above experience, even if there are different cases of strengthening the ICT structure in the same way: a) ICT can be used in methods that have recently been outside the eminent person's outreach program, e • photography, virtual cameras, photo review programs, and The world-class printers have hired some people to create experiences that might have required a photo studio before. b) ICT can be used to help people overcome disabilities. z. B. display the screen A program that displays or enlarges the examination screen,

allowing a few people who are hit or shocked to use standard artistic essence instead of Braille to express their imagination [20].

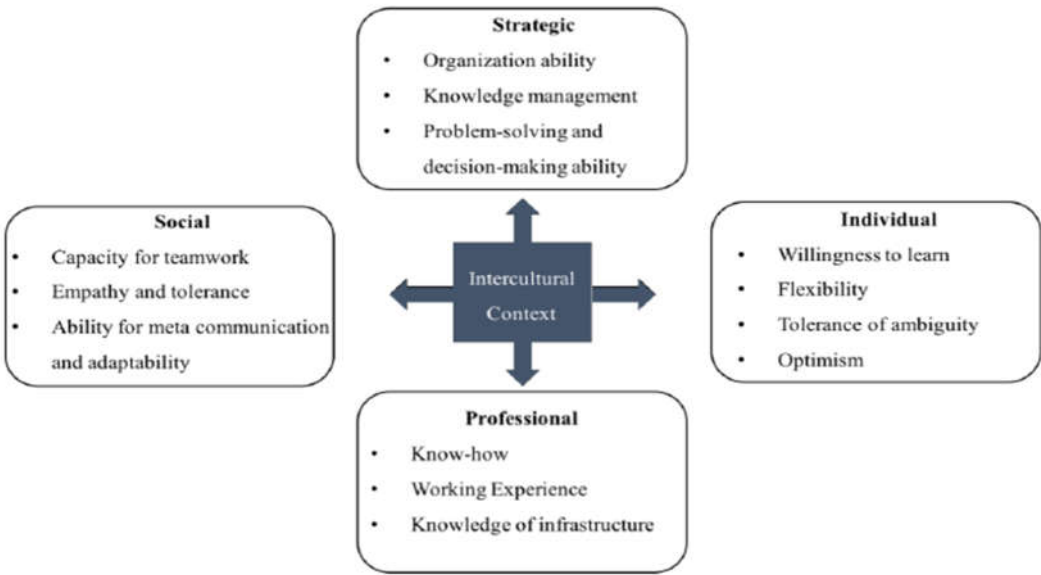


Figure 2.

2.2. Negative Effects of ICT on People:

One of the most helpless consequences that ICT can bring may be unemployment. It has both economic results, no return and visibility of social results, no reputation support, and no trust. Due to different reasons for Unity Assistants, difficulties at work may appear in the same way. Computerization has changed its purpose. For example, robots have changed people in the context of social events. Job changes and registration planning work are sent to different regions of the world, and labor costs are low[21]. Fuzzy work Not surprisingly, when a cashier in a physical store uses a computer-based standardized test signature scanner to accomplish his goal, he can serve more important customers within a few hours. The matter is no longer an agent of imported products, and tariffs on non-government trade have fallen: the willingness to get cash while working from home is another positive result of using ICT anyway. In addition, there may be factors of weakness. The vast majority of a few conditions of social exchange of their bit-by-bit lives and if they do now by and by do not get the threat to fulfill and address different individuals, she or he may in like manner identify remoted and upset. Lessened general development: A 0.33 vulnerable impact of ICT is that customers may moreover endeavor a more noticeable fixed lifestyle. This can achieve well-being burdens close to strength, coronary ailment, and diabetes. Various worldwide regions have business climate rules to save you burdens close by dreary pressing factor harm or eye exhaustion, despite the loss of significant exercise is barely anytime tended to as a picked health hazard [22]. ICT CAN Decidedly influence Relationships By the utilization of ICT has added different blessings to relationships, close by cost financial speculation assets through the usage of e.g., VoIP rather than the standard telephone, email/advising rather than post, video conferencing as opposed to visiting social events, e-trade destinations as opposed to paying records. This ought to permit the get section to greater, even throughout the planet, markets.

3. Methodology

To answer the evaluation and sub-questions, semi-coordination meetings and research content are selected as appropriate procedures. As the hypothesis shows, the purpose of this proposal is to analyze how the various parts of the cycle model realize cross-cultural potential. Deardorff has a cross-cultural spirit. These systems were selected for

the first test of how intercultural planning is coordinated and whether these plans match Diodora’s cross-cultural potential. According to Dorney (2007), the interview involves the transmission of all data and has a common system, which means that the convergence point of the dialogue is to stimulate the real flow, rather than stick to a given structure. Content scoring is about scoring models and verification explanations.

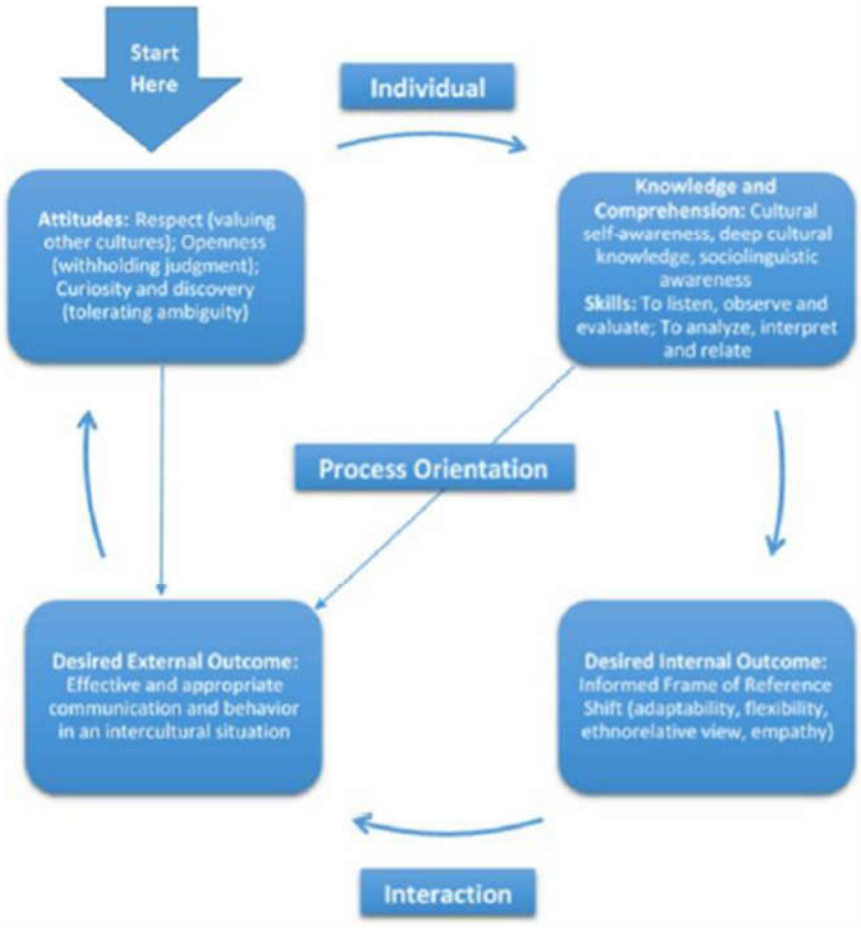


Figure 3. Process Model of Intercultural Competence.

3.1. Participants

Participants in the conference explored the new and existing contact pools in the Manufacturers Association and started using email or LinkedIn. All interviewees live in London (United Kingdom) and consider the convenience of accessing the Internet when choosing a manufacturer. From beginning to end, the offeror contacted 15 potential people. Following the idea of Dorney's (2007) emotional evaluation, a six-person model between 25 and 55 years old was consciously selected to achieve prosperity and promotion. More importantly, traditional tests are chosen to select individual social events, if they share specific experiences within the research community (originally an indirect work of cross-cultural planning) (Donni, 2007). Selected interviewees gather to recruit more people in the field, introduce more interviewees, and the model is based on collaboration (Dorney, 2007). This connection is speculative, indicating that the interviewee’s safety is eclectic and progressive, like his collating results before interviews with different people to confirm and refine the results because he counts the number of trainers and staffing, you can find people, their age group, gender, personality, and caller.

Table 1. Overview of Interview participants.

Table 1				
Overview of Interview Participants				
<u>Interviewee Code</u>	<u>Age</u>	<u>Gender</u>	<u>Nationality</u>	<u>Profession</u>
Participant 1	45-55	F	British	Director and Intercultural Trainer
Participant 2	26-30	F	Dutch	Program Manager
Participant 3	45-55	F	British	Intercultural and Relocation Trainer
Participant 4	31-35	F	Polish	Intercultural and Skills Consultant and Instructional Designer
Participant 5	20-25	F	Danish	Intercultural Skills Team Lead Manager
Participant 6	36-40	F	Slovakian & British	Intercultural Program Specialist

3.2. Interview system

Before the meeting reached an agreement, the request was made as a semi-coordination meeting. Partially coordinated meetings include many inquiries prepared in advance and discussed with different researchers, but use space to obtain additional information, use open and complete inquiries, and require interviewees to make inquiries or other observations (Dorney, 2007).). The inquiries were not characterized early, and the participants in the meeting reflected Bonafede’s regular development and response, as well as the reviewers’ and interviewees’ thoughts on data in the field (Dorney, 2007).

3.3. Content assessment procedure

The model is applied (or not applied) in the context of cross-cultural training through expert examinations. To combine the results, a combination of performance evaluation and inactive levels was selected, which means that there are two test levels: the main level, performance evaluation, which can be described as word comprehension and delivery in the meeting (Dorney, 2007). This is Deere How the game plan of the Dorf part was discovered: location, date and reception, possibility, internal and external results. The final stage is the assessment of potential substances, which means understanding. Research the value of key data (Dorney, 2007). To parse the data correctly, the reviewers first used Microsoft Word to convert the meeting into a book layout. In this loop, the examiner puts two notes together because the participants in the conversation saw them during the conversation, making the notes as accurate as possible.

Table 2. Coding categories.

Table 2	
Coding categories	
Categories	Content
Attitude	Respect (valuing other cultures); Openness (withholding judgment); Curiosity and Discovery (tolerating ambiguity)
Knowledge and Comprehension	Cultural self-awareness; Deep cultural knowledge; Socio-linguistic awareness
Skills	To listen, observe and evaluate; To analyze, interpret and relate
Internal Outcomes	Informed frame of reference shift (adaptability, flexibility, ethnorelative view, empathy)
External Outcomes	Effective and appropriate communication and behavior in an intercultural situation

4. Results

In the current area, the results of the coordination meeting are displayed, in which the viewpoints are remembered, especially the individual's clarification of the existence of the speculative model in the context of cross-cultural planning. , The compilation notes will show several ready-made clips as part of the cross-cultural training. The latter is accompanied by a description of the demonstrative effect and tests on inactive substances. On the one hand, the results show which parts of the Diodora model were directly or indirectly mentioned in the meeting. Of course, they show in the same way which parts of any design are not communicated by the individual. The direct expression of each meeting is used to obtain the results. See Appendix B, page 55.

4.1. Interviews

Before the meeting reached an agreement, the request was made as a semi-coordination meeting. Partially coordinated meetings include many inquiries prepared in advance and discussed with different researchers, but use space to obtain additional information, use open and complete inquiries, and require interviewees to make inquiries or other observations (Dorney, 2007).). The inquiries were not characterized early, and the participants in the meeting reflected Bonafede's regular development and response, as well as the reviewers' and interviewees' thoughts on data in the field (Dorney, 2007). In general, the conference showed that the speculative model is widely used in cross-cultural training by various associations. This can be found in the explanations of all participants in Track 6: "Do you use a speculative model or an academic model to develop your plan?" and Question 6.2: "Confidently assume that you know which models and how to join them. "She" –

- Member 1 reported that it is important to use different speculative models in planning, because "theory, let's say" is consistent with the affirmation of
- Member 2 of the association: "I would say that the models are most critical.
- Participant 3 ("So I use everything."

- Participant 4 ("Yes, we also used some theories") agreed to use the speculative model in the context of cross-cultural interaction.
- Participant 5: "We use the Hofstede degree just to show that you understand the culture. Discover what will happen next. We also mentioned everything in PowerPoint except for the cultural importance of Trompenaars. →
- Participant 6: "Well, we, or you know our mentor, gave Hofstede a substantial sum of money and Richard Lewis. (...) Another person mentioned reliably is Edward T. Passage.

"These statements show that all people's cross-cultural tendencies are based on the theoretical models of Geert Hofstede¹ and Fons Trompenaars². They make us a role model for one of the producers, Milton Bennett. Inventory Interculture Development Inventory and International Profiler, an online assessment tool for cross-cultural relations. "Skills (World Work) In addition, the models of Edward Hall, Erin Meyer, David Thomas, and Richard Louis and the mechanical assessment set "General Mindset Checklist" were used as part of personal cross-cultural training. The meeting showed that this model is generally unclear as to the best mode of communication for cross-cultural opportunities (2006). Only participant 1 indicated that she was "aware" of this but did not use the off-page model in her cross-cultural training (Appendix B, page 63).

4.2. Content Analysis

Although the Diodora model is generally little known among humans, the substance assessment gives surprising results like or the same as the Diodora measurement model (2006). Inactive level scores are entered logically.

4.2.1. Manifest Level Analysis

As usual, the later impact of the exhibition-level investigation showed that the features and fragments mentioned in the Diodora collaboration model were communicated by the gathered people. These results can be found in Table 3 below. To check the performance of the Diodora part of the cross-cultural part of the environment, people were asked what was assigned to them and what they should achieve.

Table 3. Number of times Deardorff's components were explicitly state.

Table 3							
<i>Number of times Deardorff's components were explicitly stated</i>							
<u>Category</u>	<u>P* 1</u>	<u>P 2</u>	<u>P 3</u>	<u>P 4</u>	<u>P 5</u>	<u>P 6</u>	<u>Total</u>
Attitude	3	0	1	1	0	0	5
Skills	1	2	3	5	3	3	17
Knowledge and Comprehension	2	1	0	4	0	2	9
Internal Outcomes	0	0	0	1	0	0	1
External Outcomes	0	0	0	1	0	0	1
<i>*P = Participant</i>							

As you can see in Table 3, most meetings discussed the possibility of awarding contracts. People have talked about this arrangement publicly on various occasions. This can be found in Participant 2's collaboration description: "Learn light and Communicaid's social skills-oriented planning" (Appendix B, page 68); the same as "The company should have it, you know, they should know how to use the skill" Method (When meeting with participant 3, you will find similar classroom skills: "I agree that you show more similar skills, maybe difference display and comparable quality communication" I will look at the

changed skills, these skills It may also help work all over the world. So, these can be social skills, and usually, they can be used as a reflection.

5. Conclusions

In this paper, we considered the impacts of information development in our lives as of not long ago. We in like manner inspected the possible destiny of our public with more present-day headways in information advancement and its applications in our public. In addition, we also discussed the negative effects of information development, such as loss of security and unauthorized access to critical data. Developers attacking government systems can weaken the operation of the organization and cause huge damage. As I said, now we can quickly obtain information for evaluation or research. Similarly, general communications through e-mail organizations have become very fast. Our lives are more comfortable than any adverse consequences.

References

- [1] M. Guilherme, E. Glaser, and M. del C. M. Garcia, "10. The Pragmatics of Intercultural Competence in Education and Training: A Cross-national Experiment on 'Diversity Management,'" in *Becoming Interculturally Competent through Education and Training*, A. Feng, M. Byram, and M. Fleming, Eds. Multilingual Matters, 2009, pp. 193–210. Doi: 10.21832/9781847691644-014.
- [2] D. Anabatic and A. Craig, "Behavioral Adaptation Within Cross-Cultural Virtual Teams," *IEEE Trans. Profess. Commun.*, vol. 49, no. 1, pp. 44–56, Mar. 2006, Doi: 10.1109/TPC.2006.870459.
- [3] D. M. Dekker, C. G. Rutte, and P. T. Van den Berg, "Cultural differences in the perception of critical interaction behaviors in global virtual teams," *International Journal of Intercultural Relations*, vol. 32, no. 5, pp. 441–452, Sep. 2008, Doi: 10.1016/j.ijintrel.2008.06.003.
- [4] A. A. G. Walvoord, E. R. Redden, L. R. Elliott, and M. D. Covert, "Empowering followers in virtual teams: Guiding principles from theory and practice," *Computers in Human Behavior*, vol. 24, no. 5, pp. 1884–1906, Sep. 2008, Doi: 10.1016/j.chb.2008.02.006.
- [5] S. Lloyd and C. Hertel, "Intercultural competencies for culturally diverse work teams," *Journal of Managerial Psych*, vol. 25, no. 8, pp. 845–875, Nov. 2010, Doi: 10.1108/02683941011089125.
- [6] C. U. Grosse, "Managing Communication within Virtual Intercultural Teams," *Business Communication Quarterly*, vol. 65, no. 4, pp. 22–38, Dec. 2002, Doi: 10.1177/108056990206500404.
- [7] M. Hums and A. H. Reilly, "Managing Intercultural Teams: the Organization Exercise," *Journal of Management Education*, vol. 32, no. 1, pp. 118–137, Feb. 2008, Doi: 10.1177/1052562906294988.
- [8] M. Surly, D. Stoic, A. Geospiza, and A. Campos, "Managing product/process knowledge in the concurrent/simultaneous enterprise environment," *Robotics and Computer-Integrated Manufacturing*, vol. 22, no. 5–6, pp. 399–408, Oct. 2006, Doi: 10.1016/j.rcim.2005.12.007.
- [9] S. Paul, P. Seetharaman, I. Samara, and P. Mykytyn, "Understanding Conflict in Virtual Teams: An Experimental Investigation using Content Analysis," in *Proceedings of the 38th Annual Hawaii International Conference on System Sciences*, Big Island, HI, USA, 2005, pp. 44a–44a. Doi: 10.1109/HICSS.2005.647.
- [10] D. B. Roebuck, S. J. Brock, and D. R. Moodie, "Using a Simulation to Explore the Challenges of Communicating in a Virtual Team," *Business Communication Quarterly*, vol. 67, no. 3, pp. 359–367, Sep. 2004, Doi: 10.1177/1080569904268083.
- [11] L. Precoup, D. O'Sullivan, K. Corsican, and L. Dooley, "Virtual team environment for collaborative research projects," *IJIL*, vol. 3, no. 1, p. 77, 2006, Doi: 10.1504/IJIL.2006.008181.
- [12] N. Zakaria, A. Melnick, and D. Wilemon, "Working Together Apart? Building a Knowledge-Sharing Culture for Global Virtual Teams," *Creativity & Inn Man*, vol. 13, no. 1, pp. 15–29, Mar. 2004, Doi: 10.1111/j.1467-8691.2004.00290.x.
- [13] K. L. Gretsch, "Working with Global Virtual Teams: A Case Study Reality Check on Intercultural Communication Best Practices," vol. 5, p. 27, 2016.
- [14] A. Samad, M. Qadir, I. Nawaz, and M. A. Islam, "A Comprehensive Survey of Link Prediction Techniques for Social Network," p. 22.
- [15] I. S. Bohai and M. J. van der Lei, "A Social Network Analysis of Occupational Segregation," arXiv:2004.09293 [cs, econ], Apr. 2020, Accessed: Apr. 26, 2021. [Online]. Available: <http://arxiv.org/abs/2004.09293>
- [16] W. Divesting, M. Peacenik, G. Fletcher, V. Makowski, E. Postma, and J. Anchormen, "Beeler 2017: Proceedings of the Twenty-Sixth Benelux Conference on Machine Learning," p. 194.
- [17] B. Chen, Y. Hua, Y. Yuan, and Y. Jinn, "Link Prediction on Directed Networks Based on AUC Optimization," vol. 6, p. 15, 2018.
- [18] C. Scholz, M. At Mueller, A. Barat, C. Catgut, and G. Stummel, "New Insights and Methods for Predicting Face-to-Face Contacts," p. 10.
- [19] A. Samad, M. Qadir, and I. Nawaz, "SAM: a Similarity Measure for Link Prediction in Social Network," in *2019 13th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics (MACS)*, Karachi, Pakistan, Dec. 2019, pp. 1–9. Doi: 10.1109/MACS48846.2019.9024762.
- [20] K. Zhou, T. P. Michalak, T. Rahwa, M. Warnie, and Y. Soloveitchik, "Attacking Similarity-Based Link Prediction in Social Networks," arXiv:1809.08368 [cs], Dec. 2018, Accessed: Apr. 26, 2021. [Online]. Available: <http://arxiv.org/abs/1809.08368>

-
- [21] L. A. Adamic and E. Adar, "Friends and neighbors on the Web," *Social Networks*, p. 20, 2003.
 - [22] R. R. Unusual, K. S. Xu, and V. K. Devabhaktuni, "Leveraging Friendship Networks for Dynamic Link Prediction in Social Interaction Networks," p. 4.