Trust Building Techniques for Virtual Team Assignments

Zhe Zhang[1] and Wenyuan Sun[2]
[1]Assistant Professor, Department of Management, Nanjing University, China
[2]Research Scholar, Department of Management, Nanjing University, China

[1]Corresponding Author: zhe.z650@hotmail.com

ABSTRACT
Leaders of organizations frequently a failure to employ the process of gaining trust tactics required for virtual project team adoption to be successful (VPTs). The goal of this qualitative single case study, which was based on Meyerson et alquick.'s trust theory, was to see what tactics project management office leaders and project team leaders (PTLs) in philanthropic nonprofit organizations use in order to successfully create VPTs can be trusted. Six project management office leaders and PTLs from a benevolent a non-profit in the Beijing metropolitan area region took part in the workshop. Semi structured interviews and a study of organizational documents were used to gather data. A thematic approach was used to analyses the data. Trust, leadership, communication, and technology were the primary topics that emerged from the research. One of the most important recommendations is for leaders to create a climate that promotes good communication and the use of appropriate technologies to improve team collaboration and work efforts. The possibility for charitable groups in order to successfully use VPTs in support of disaster and humanitarian relief programmes for the benefit of communities and individuals all over the entire world is one of the positive social change implications.

Keywords*: techniques, virtual team, globalization, outcomes, communication*

I. INTRODUCTION

Due to the globalization of the world markets and scientific breakthroughs, all types of enterprises of organizations, and charitable organizations groups, can function deprived of regard to customary limitations. Organizations use a variety of work environment models to achieve their goals. Virtual teams are one type of work paradigm that is used to achieve organizational goals. Leaders can achieve corporate goals more effectively by forming virtual work teams, which are generally made up of geographically separated team members.

Members of a virtual group can work in different time zones and areas without being constrained by traditional job boundaries. Geographically scattered virtual teams are becoming increasingly common as companies expand their operations abroad to meet deadlines. Virtual teams are used by 66% of all firms with global operations. Building trust among virtual team members is one of the most difficult tasks for virtual team leaders. In order to enhance team and organizational success, leaders must understand the broad implications of trust. Selected project management office executives and PTLs in the philanthropic non-profit organizations that specialize in disaster relief, on the other hand, lack techniques for effectively developing VPTs can be trusted. The findings of this research may help Project management office leaders and PTLs in charge of managing VPTs develop trust-building settings inside the team, which will help the team achieve organizational performance goals.

II. RESEARCH OBJECTIVES

2.1 Study Problem
What tactics do PTLs and project management office leaders in charitable nonprofit disaster relief organizations use to effectively build trust in VPTs?

2.2 The Purpose of the Study
The goal of this qualitative single case study was to learn about the tactics that Disaster relief PTLs and project management office leaders in charity nonprofits organizations employ to build VPTs can be trusted. The findings of the research target demographic at least six project management office leaders and PTLs were present. From a philanthropic non-profit organization based in the metropolitan area of Beijing region that uses effective ways to develop trust in VPTs.

Given the crucial role that nonprofit disaster relief groups play in societies around the world, this research focused on them. Nonprofit organizations with social purposes exist to provide human services to the public and to solve societal issues such as poverty reduction. Nonprofits and nongovernmental groups work to improve the world and its inhabitants. The functioning of the nonprofit organization may be favorably affected members of the VPT create resulting in lower expenses, collaborate and trust, assisting in the relief effort for citizens and communities devastated by natural disasters. Project office management and PTLs executives may find the tactics and this study useful for creating trust relationships in a virtual environment, given the rising use of VPTs to achieve corporate performance targets. VPTs inside nonprofit organizations that work at maximum efficacy through excellent technology, leadership, and high-level communication of confidence will have a beneficial impact on the group impact on societies and the people who live in them all over the entire world.

III. METHODOLOGY

3.1 Design and Methodology

A qualitative approach was taken to investigate the strategies adopted by various project management office leaders and PTLs in big philanthropic non-profit organizations that focus to provide disaster help build VPTs can be trusted. It necessitated a thorough grasp of PTLs' and programme management office executives' real-life experiences and decisions within a non-profit organization. Qualitative analysis is a method that allows a focus of the researcher will be on comments from participant's people who is able to provide useful information about the topic under investigation. Qualitative studies are used by researchers to investigate the life experiences of study participants.

For this investigation, methodology it was suitable. Researchers can gain a perspective on real-world occurrences within an organization by using a case study design. Investigate by addressing about happened in the real world. The qualitative single case study approach corresponds to the study's main research objective, which was to investigate the tactics utilized in order to successfully create VPTs can be trusted. The methodology and question must be consistent. Furthermore, purpose of the research is to give back to a better comprehension of a problem based on grasp of the subject. For this research project, a single case study methodology was acquire rich data in order to identify successful tactics used to create VPTs can be trusted via the camera's view quick theory of trust.

3.2 Sampling and Participants

Workers at the selected nonprofit organization that focuses on disaster relief were recruited as study participants. The necessary organizational authorities gave their approval for the recruitment of potential participants and were crucial sources of information about their study-related experiences. Who were eligible had knowledge of for the research or had positively applied trust-building tactics in VPTs.

The study's principal sample method was purposeful sampling. Purposive sampling is when a researcher selects study's purpose. The purpose of the goal of this research was to learn about the prosperous tactics employed by project management office leaders and PTLs in nonprofit organizations to develop confidence working in virtual teams. The charity organization chosen for the research was based in the Beijing metropolitan region and PTLs and a project management office were present directors with strong in virtual teams, trust-building experience. When snowball sampling was required during the investigation, it was used as a last resort. Snowball sampling is when a researcher asks study participants to identify individuals who fit the study's eligibility requirements. Project management office leaders and PTLs at a benevolent non-profit organization that had expertise in building confidence in virtual teams made up the study's sample population. The major criteria for sampling with a purpose were project management offices and PTLs executives has practical experience in achieving success creating Within the last 5 to 10 years, there has been a surge in trust in VPTs. Six participants were set as the maximum number of people that could be included in the study. By eliminating names or other identifying characteristics from the study, the nonprofit organization's and study participants' privacy and confidentiality are safeguarded. To maintain secrecy, all participants in the research were letter identification.

3.3 Data Collection

During the study, semi-structured interviews were conducted with participants via recorded phone interviews. The study's open-ended interview questions focused on effective ways of building virtual teams' trustworthiness, and they followed a conversation process ensure on time and uniform approach to interviewing participants. Before any candidates were enrolled as participants, their permission was requested through a completed consent form. Each every participant was given a selection of interview questions as well as notice that the interview would be audio recorded. Interviewees were given the opportunity to examine and provide feedback on the study's interpretation and analysis of data.

3.4 Data Interpretation

In qualitative case studies, researchers employ the technique of triangulation. When a researcher uses various data sources to investigate a topic, this is known as "method triangulation". The researcher can gather enough data points by using a variety of sources. Notes from interviews, excerpts from transcripts, and other sources organizational were among methods utilized to assure the study's integrity.

A systematic and sequential method was followed during the data processing portion of the investigation. Transcripts of the meetings and preliminary the responses to the interviews were analyzed delivered once the interviews were completed, to participants completed and the interview transcripts were evaluated. For supporting researchers with data analysis, member validation of researcher interpretations and conclusions is a suitable technique. The continue, transcripts of interviews were used the analysis of the content after the member checking was done. In qualitative investigations, content analysis refers to the researcher's entire analytic approach to data. The classification procedure was primarily based on the substance of the interview transcripts. The coding procedure begins with the creation of codes based on notions found in existing literature. To create and accentuate themes drawn from study data, qualitative researchers use coding. The codes are used by researchers to derive themes. The suitable themes were produced from the research data when the coding was completed.

IV.   OUTCOMES

A, B, C, D, E, and F are the participants all of whom had firsthand experience of effectively creating VPTs can be trusted over In the last five to ten years, interviewed. All of the participants were in charge of leading or overseeing a VPT within the company. The study the results of the interviews and an examination of the organization's records revealed four themes: leadership, communication, trust, and technology.

4.1 First Theme "Belief"

Through the interviews and research inquiry, the idea of trust emerged first. Interview A, B, C, D, E, and F are the participants all mentioned the necessity of trust in completing the VPT successfully. The number of times participants indicated trust is summarized in Table 1.

Table 1: References to trust from participants

Participant	Trust	Total %
A	4	15
B	8	44
C	1	11
D	4	15
E	2	6
F	4	15
Total	23	

Participants A, B, C, D, and F in the interview all mentioned the importance of trust in completing successfully. Participants in the interviews stated that trust among team members allows everyone to strive toward the same goals and objectives. "Trust is really important to me," said participant F. It seems to have infiltrated the full group. Members of the team who are trustworthy one another are more inclined to work together to achieve organizational and team objectives. "I think the biggest thing that helps sustain trust in this kind of virtual environment is definitely getting input from the team and really building a collaborative environment," said participant D.

"There are still, in order to have trust, you still have to keep an authentic relationship with your people," said participant B. So, once again, we rely on each other, knowing that we can count on one other is there to assist, aids in the establishment of trust," said Participant this contributes to the development of that sense of belonging. It contributes to the development of that relationship. Affective trust is established through connections. When everyone in the organization understands what is expected of them, the team can build a long-term structure for success.

The participants addressed several tactics focusing on keeping a relationship with the virtual team members in response to inquiry about successful ways of establishing trust inside VPTs. "Strategies for trust are merely having consistent check-ins with coworkers and employees," said participant D. When team members are not co-located, in-person meetings are still valuable, but the quality of encounters, whether face-to-face or over the phone electronically, is also a factor to consider.

A person's willingness to become vulnerable to another person is referred to as "quick trust". When the principles of fast trust are applied to VPTs, it follows that group members who are able to form partnerships and shared experiences have the

basic components for establishing trust with one another. In the absence of possibilities for relationship building, the members of the group are not obligated to foster trust. According to the findings Virtual teams were the focus of this research with a collaborative setting builds believing professional connections. Members of the team that collaborate closely create an opportunity to increase reliability in a variety of settings. Individuals develop trust when they realize they can rely on other members of the team to help them achieve the group's objectives.

It becomes simpler to rely on each other in a team atmosphere when people share their experiences and develop a sense of connectivity. The findings of this research confirmed in a virtual team, or any team, trust does not exist where members do not have a relationship. There must be possibilities for team members to form bonds with one another and work together. To create trust, team members want opportunities to converse. Through these talks, members can learn additional information about each other and uncover common benefits. The leader of the virtual group, like other leaders, you should cultivate genuine team members' relationships. Team members are more likely to trust and commit when they have authentic relationships.

4.2 Leadership Second Theme

During the research, the topic of leadership came up frequently. Leadership was regarded by the participants as a major aspect in the VPT's establishment of trust. The participants' references to leadership are listed in Table 2.

Table 2: Leadership referrals from participants

Participant	Leadership	Total %
A	8	26
B	13	42
C	2	5
D	5	15
E	31	13
Total	28	

According to participants B, C, and E, the leader must hold team members accountable for achieving organizational performance targets. "I believe that some new techniques could be put in place to make people more accountable for the things that they accomplish during the day," said participant C. According to participant E, accountability is demonstrated when "certain personnel are compelled to put in weekly counseling logs."

Leaders of virtual teams must also establish performance expectations and the team's expectations goals. To help the team accomplish organizational performance goals, team members must understand the team's rules of engagement and their duties. According to the interviews, A and B are the participants agree that task-oriented activities must be tempered with consideration for members of a virtual team. The leader of the virtual group, like other leaders are required to cultivate genuine team members' relationships. Team members are more likely to trust and commit when they have authentic relationships.

Leaders must provide an example of honesty, which fosters a sense of trust in the group and the leader. Members should be encouraged to participate by the leader assist one another as needed, and to rely one another sharing knowledge. Leaders are also responsible for ensuring that team members are aware of their worth. Team members who are valued have a stake in the team's success. Leaders must be able to motivate their employees in a variety of ways. The leader's job is to help team members reach their full potential. "Well, trust is something that is developed around communication and connections," remarked participant A.

The virtual team leader must be, according to participants B, C, D, and E committed to keeping in touch with members of the team on a frequent basis. Trust develops as a result of open communication. To foster friendship, the leader should emphasize the significance of teamwork. Members of the team should be encouraged to participate contribute during meetings. When team members understand that their perspectives matter, they are more committed to the common goal. It's all about having fun regular said participant B. It involves the use of programmers that make it possible for us to keep track of our to-do lists. C Participant. "I would say the weekly goal that would connect into the deliverables, of course, and the communication is crucial," says C Participant. "And kind of in those sessions, just talking through what the difficulties are, if there are any challenges," said participant D.

4.3 Technology Third Theme

In a virtual setting, technology choices must allow team members to produce work deliverables while also allowing decisions will be made by virtual team leaders. Table-3 shows how many times study participants mentioned technology.

Table 3: Shows how participants talked about technology

Participant	Technology	Total %
A	1	12
B	5	26
C	4	18
D	1	14
E	2	6
F	5	26
Total	18	

B and F agreed that technology is important should improve aid so that decision-making that Leaders have the ability to shift resources available to meet changing organizational or respond to performance goals environmental modifications. VPTs must make a good use of technology. "I completely believe you have to employ technology in this regard," said participant B. Technology must be your ally. We need to get better at using those tools to communicate with one another.

According to participants C and F, using in VPTs, technology must be used encourage members can easily use for collaboration and joint efforts at work toward the project's objective. "The communication, the meetings, whether it's teams or Zoom," said participant C, "and weekly assignments that would frequently require communication between you and your supervisor, staff, or team..." "The second thing I should have emphasized before is that hopefully whatever technology or platform we're utilizing is user-friendly in terms of the people who are really using the application," said participant F.

One of the obstacles with technology, according to participants A, C, D, and E, is that team members may have bandwidth or camera troubles. A team member's camera, for example, may freeze. Members of the team capacity to participate actively in meetings or complete assignments work may be harmed by technological challenges. "There may be a few concerns with the bandwidth of their internet connection, whether they're travelling or in their own house, sometimes there are bandwidth issues and that's to be expected," said A. "And then not having stable Wi-Fi," said participant C, "so it's always kind of an obstacle there."

D and F (participants) agree that the VPT needs the correct technology, but it also needs. The data entrusted to the organization must be kept safe against unauthorized access and disclosure in order for the organization to function correctly and preserve confidence among important stakeholders, including clients. "To be able to continue to provide those services without jeopardizing anyone's personally identifying information," said participant D. The focus of technological concerns must be on security. According to the organization's information technology team, the virtual team's networks and communication mediums must be secure and free of unwanted access.

4.4 Communication Fourth Theme
Another theme that emerged from the research was communication. Participants in the interview underlined the necessity at all levels of the team, there should be an abundance of communication. Table 4 shows the number of participant references to communication.

Table 4: Communication references from participants

Participant	Communication	Total %
A	4	16
B	6	24
C	4	14
D	5	29
E	4	16
Total	23	

Communication among virtual team members is critical to team performance, according to participants A, B, and C. Meaningful meetings help virtual team members understand one another and achieve common goals. The meetings should be run according to a set of guidelines. A well-organized meeting will result in a shared knowledge of the team's aims and objectives. "Well, it's communication," said participant A. You must communicate well." And participant B. stated, "And make sure that we check in, and talk about those to-dos, and make sure that if there are issues that we check in." So after you care. "So, again, it's meeting with the entire team, and making sure that you communicate clearly with the entire team, and in that way, it leaves minimal chance for misinterpretation—someone miscommunicating, or misconstruing what you actually meant," said Participant E as a technique for developing trust.

Although successful communication inside virtual teams is critical, A and E are the participants. Pointed out must include communicating well with stakeholders external. "Externally, when we have meetings with external clients, we really have to make sure they're comfortable with the platform that we use," participant A explained.

"The team members that engage with clients have had some trouble talking with clients whose native language is not English," said participant E.

4.5 Organizational Leaders' Action Steps

Any project management office or PTL leader at a benevolent non-profit organization who to explore tactics for establishing VPT trust should consider the findings and recommendations in this study. The study's trust-building tactics, which begin understanding and recognition of the significance of trust in virtual work teams, help organizations employ virtual labour teams that are dispersed to achieve objectives of the project. The outcomes of members of the VPT may find this study valuable as they traverse the virtual world and strive to create trusting relationships with coworkers.

Based on the study's findings, executives can implement the following recommendations to help their organizations:

1. When the group has successfully used trust-building tactics, VPTs provide a valuable tool for achieving organizational performance goals.
2. Identify and select VPT leaders who can balance a task-oriented approach with the development of relationships with members of the team.
3. VPT objectives must be met linked to the organization's long-term objectives, which is the leader's responsibility.
4. Within the VPT, information sharing and learning lead to effective team performance.
5. The VPT must choose the appropriate technology channels to allow members to participate to complete assign tasks and collaborate as needed with the group's other members.
6. Members of the VPT must be trained on the technology that has been chosen for the group.

V.   CONCLUSION

Virtual teams are used by businesses; they must have a high level of trust among their members. When virtual team members have the opportunity to share experiences and learn about one another, trust develops. The VPT leader is in charge of giving virtual members an opportunity to build trust. As this study's findings show, the leader must build trust inside the team and establish trust ties among team members.

The virtual team's choice of technology medium is an important aspect. According to the findings of this study, members of the VPT must be trained technological have access to the platform and requisite in order to use technological advancements. The info about the technology's security utilized is another crucial component in effective technology adoption. The ability to protect illegal disclosure and access is linked to both team have faith in the organizational system and client confidence in the VPT of the company.

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