Different organizational climate types

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Abstract—Organizational climate plays a vital role in all kinds of industry, in particular, Information Technology. IT services sector has influence from various internal and external factors of the organization. Organizational climate has been defined as a perception of the psychologically important aspects of the work environment and is recognized as a potential influence on employees workplace behavior and job satisfaction. Climate comprises of a set of characteristics that portray an organization, recognize it from other organizations, are generally persevering over time and impact the behavior of individuals in it. The purpose of this paper is to identify the employees perception towards different dimensions of organizational climate and the influence of demographic variables such as gender, educational qualification etc., in employees perception of organizational climate. Organizational climate impacts to a incredible degree the execution of the representatives since it features a major effect on inspiration and work fulfillment of person employees. So, the managements of Data Innovation companies ought to endeavor to form a friendly organizational climate in their organizations for holding the workers and keeping up tall efficiency. The paper suggests the methods for improving the organizational climate in Information Technology companies. Organizational climate also affects the individual intentions to share knowledge. Furthermore, organizational climate and seen administrative motivation were found to emphatically empower knowledge-sharing behavior.

Index Terms—Organizational Climate, Team Climate, collectivism, individualism, organizational performance, Information Technology Industry, workplace behavior, IT companies, software engineering.

I. INTRODUCTION

Climate change is often discussed when people think about the environment. People debate about whether a storm is just simply a weather event or the result of climate change. But, while the weather and the climate are closely related, they are not the same. Likewise, businesses have an organizational climate. This is very similar to organizational culture (please note sections II-A below for more information), but the organizational climate is more of an aggregate of all factors that influence the work environment.

The Organizational climate plays an imperative part in Organizational execution and employees fulfillment towards the organization. Organizational climate is the heartbeat of the organization. At display, each organization is endeavoring to make a favorable atmosphere inside the organization, which can guarantee superior execution and effectiveness from the specialists. Organizational climate inside an organization alludes to how Organizational situations are seen and deciphered by its workers. Organizational climate as proposed by West et al., (1998) alludes to the recognitions that organization members share of principal components of their organization. [1] Failure is a common occurrence in the realm of software development. A broadly detailed think about of 23 000 software projects appeared that as it were 26% of the projects were conveyed on-time, on-budget, and with the guaranteed usefulness. The remaining 74% were either canceled some time recently the advancement cycle was completed or were conveyed late, over budget, or with less usefulness than was initially guaranteed [9]. Traditionally, researchers have endeavored to decrease the probability of software program project failure through way better project management techniques and more client association within the improvement handle. This is often sound counsel for managing with specialized dangers. Be that as it may, program venture disappointment may too emerge since of variables relating to organizational culture. One major cause of software project failure is the hesitance of individuals to report bad news around a project and its status. Whereas prove of coming up short may be clear to individuals included in a extend, this data may not be communicated up the chain of command [10] or may be significantly misshaped within the communication prepare [11], [12]. As a result, senior directors who have the specialist to cure the circumstance are uninformed of the genuine status. This diminishes organizational capacity to plan for a extend disappointment and, when the disappointment inevitably comes, increments the estimate of the misfortune. [4] In todays globalized commerce situations organizations ought to be inventive to preserve their competitiveness and eventually to outlive. This goal to be inventive has impelled a developing intrigued among academicians and directors to get it the forms whereby organizations or groups inside organizations, ended up inventive. [3]

Whereas past inquire about has inspected the impacts of relevant and basic factors on advancement in common and group innovativeness in specific, an organizations climate can too be anticipated to play a key part. Indeed, the concept of climate has gotten critical consideration from numerous disciplines [1] however it has seldom been examined on the advancement period. This paper also looks at the impact of the organizational climate on the innovation of working groups. [13]

II. Organizational Climate

Climate of an organisation is somewhat like the personality of a person. Just as every individual has a personality that makes him unique and different from other persons. Each organisation has an organisational climate that clearly distinguishes it from other organisations. Basically, the organisational climate reflects a persons perception of the organisation to which he belongs. It is a set of unique characteristics and features that are perceived by the employees about their organisations which serves as a major force in influencing their behaviour. Thus, organisational climate in a broad sense, can be understood as the social setting of the organisation. The organizational climate determines the extent to which people have an incentive to avoid the company because their interests differ from those of the company. In most cases, the organizational climate is such that people perceive serious retaliation risks for reporting negative news. These risks can include job losses or other negative effects on career prospects. Thus, people are driven to keep negative news to themselves. [4] Theoretical arguments in the whistleblowing literature suggest that such an organizational climate has a significant impact on the perceived responsibility for reporting bad reports. Through nominal and informal communication, as well as organizational stories, advice that guides behavior is passed on to the participants of a company. If there has been retaliation against informants in the past, people will credibly view this as a warning signal for reporting responsibility [14]. In a study of the perceived personal commitments of first-level managers to blow the whistle, Keenan [15] found that "fear of retaliation" played a significant role in reducing perceived commitments in the organization climate. If companies nevertheless have an environment in which people are expected to report (or be rewarded for reporting) poor news, people would assess their responsibility on the basis of those pieces of advice and would thus be more obliged to report poor news.

The organizational climate has been described as a recognition of the psychologically important aspects of the work environment and is recognized as a potential influence on workers' behavior at work and job satisfaction (Ashforth 1985). The environment consists of a series of characteristics that describe an organization, distinguish it from other institutions, are comparatively durable over time and influence the behavior of people within it. In this context, it is not the consensus view that is taken into account, but rather the recognition of the work environment through the separate employees, since different people can perceive the same workplace divergently. [6] According to Campbell et al. (1970), the organizational climate is defined as several attributes that are precise for a targeted organization and that can be evoked by the organization's interaction with its members and its environment. For the independent participants within the initiative, the ambience takes the form of a series of attitudes and experiences that describe the institution as a static trait (e.g. strength of autonomy), but also as a result of behavior. [6]

The organizational climate is a quite permanent quality of the internal environment, experienced by its members, which influences their behavior and can be described in terms of the value of a specific group of characteristics of the company. It can be credible to have many climates in this way, as there are people in the initiative, if you look at them together, the activities of individuals become more meaningful to look at the overall impact on the environment and to measure the stability of the working environment. The environment should be considered from the point of view of the system as a whole. However, if there may be differences in the environment within the departments, those are inorganization to a certain extent to describe the complete organizational environment. [6]

A. Foray: Organizational Culture

Organizational Culture is a group of internal values that contribute to the unique social and psychological environment of an organization. It includes an organization's expectations, experiences, ways of thinking, philosophy, beliefs and future expectations. It is also intuitive, with repetitive habits and emotional responses. It relies on common attitudes, beliefs, forms, and written and unwritten rules that have been developed over time and are considered valid. Also referred to as organization culture and is shown in

1) the way the business is run by the organization and the employees, customers and wider community is treated,
2) the strength in which freedom of choice and the tendency of new inspiration and personal expression are allowed,
3) how control and data stream through its progression, and
4) the commitment of employees to collective goals.

The productivity and performance of the business is effective, and it includes the guidelines for customer care and service, product quality and safety, presence and punctuality, and concern for the environment. It moreover expands to production-methods, promoting and promoting hones, and to unused item creation. Organizational culture is one of the most difficult changes and unique to any organization. [16]

III. Statement of the Problem

Organizational climate impacts to a extraordinary degree the execution of the employees since it features a major affect on inspiration and work fulfillment of employees. Organizational climate decides the work environment in which the worker feels fulfilled or disappointed. Since fulfillment decides or impacts the proficiency of the workers, we are able say that organizational climate is straightforwardly related to the effectiveness and execution of the representatives. The organizational climate can influence the human behavior within the organization through an affect on their execution, fulfillment and demeanors. Organizational climate of distinctive companies within the same Industry may shift, based on the sort and measure of the company.

IV. TEAM CLIMATE

Team climate reflects team members shared encounters and convictions in activities that are backed by the teams arrangements, hones, and procedures. [17] It is additionally related to a teams shared discernments around the quality of consistency between team hones and conditions of work forms. Based upon these sees in existing writing, it is sensible to stretch team climate as a climate that encourages or ruins the arrangements of the team individuals with each other, since it is an compelling device in forming the states of mind, behaviors, and activities of the team members. Team climate can be conceptualized as the combination of standards, demeanors, and desires that team individuals see in arrange to operate in a specific setting. [17]

Informal structure alludes to whether team standards and strategies are outlined to empower team individuals to exceed expectations within the embraced errands and make strides their capabilities. The over said classifications reflect the conceivable impacts of team climate on team issue fathoming, hence driving teams to create learning and make strides computer program quality in related ventures. [17]

The improvement of a teams capability is frequently related to the organizational back gotten from best administration, which is additionally the result of their states of mind and recognitions. Organizational back encourages people in lessening boundaries in their everyday interaction with the other individuals of the team while at the same time permitting potential contradictions to be settled, which moreover dispenses with miscommunications at the team level. Appropriately, the team individuals are more likely to be included in learning exercises basic to the improvement of team-level capabilities. [17] Besides, organizational back empowers teams to under-take dangers and communicate their thoughts and concerns without feeling baffled by the beat management. Human asset hones which give team individuals with concrete mental back ended up progressively imperative for the execution of the teams since the fear of disappointment is minimized and the team individuals show up to be quicker in completely partaking in different errands all through the advancement of a extend [17].

Objectives can contribute toward situating a team in a specific heading so that they will know what they must be do and center on. Objective introduction is related with clarity of thought, which is formally enunciated through vision and mission explanations. Without objective introduction, it is troublesome for groups to attain their targets. Appropriately, having a clear objective permits them to perform superior by giving a common mindfulness of the reason of their endeavors and as well by propelling them to create goal-related team-level capabilities.

A team considers as one collective body since of common convictions, values, and understandings, which are collectively called the teams informal structure. Each team has it possess interesting casual structure in arrange to bargain with inconveniences or problems. Informal structure could be a set of team members shared convictions and understandings that coordinates all the teams operations. Teams with a nonhierarchical structure permit their individuals to precise themselves in a more valuable way than do teams with a more progressive structure. Thus, it is much less demanding for groups with a nonhierarchical structure to center on creating key team-level capabilities. [2]
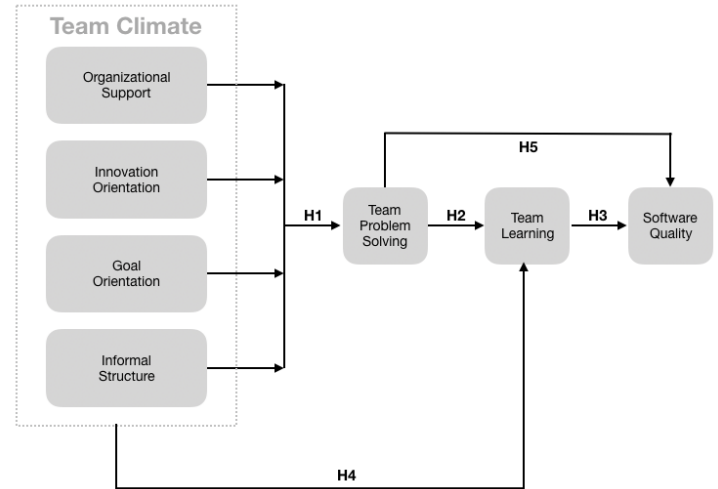

Fig. 1. The Mediating Role of Team Learning

- Hypothesis 1 (H1): Team climate is emphatically related to group issue tackling in terms of organizational back, advancement introduction, objective orientation, and informal structure.
- Hypothesis 2 (H2): Team issue fathoming is emphatically related to team learning in computer program advancement ventures.
- Hypothesis 3 (H3): Team learning is emphatically related to program quality in unused item advancement ventures.
- Hypothesis 4 (H4): Team issue understanding will intervene the relationship between team climate and team learning.
- Hypothesis 5 (H5): Team learning will intervene the relationship between team issue fathoming and computer program quality.

V. CONSEQUENCES OF A NEGATIVE ORGANIZATIONAL CLIMATE

Its commonplace to say that if the climate of a company isn't wonderful for individuals who work there, some problems begin to seem. The main issue is the decay in efficiency, since workers begin working less, and have no inspiration to carry out their ordinary errands. This decay in generation may be taken after by a critical sum of individuals being let go, which in turn makes a negative climate for employees who feel unreliable and uncertain about their future. And indeed, the representatives who keep working for this company endure the results. It may indeed make an environment that breeds

more strife, doubt, and little deviations in behavior. We know that an incredible bargain of stretch in advanced society is the result of a fierce environment. Thats why theres nothing more regrettable than a company that invigorates difference and debate, rather than cultivating agreement and participation among employees. Another genuine result of a negative organizational climate is the nonattendance of authority. After all, its lovely troublesome to lead and motivate a team that's isolated, doubting, and with no inspiration to create quality work. To maintain a strategic distance from this kind of comes about, its essential for the businessperson to require a few measures that can move forward the organizational climate in their commerce. [3]

VI. ASPECTS THAT CONTRIBUTE TO CREATING A GOOD ORGANIZATIONAL CLIMATE

You can have
- the best and brightest employees within the world,
- most productive and up-to-date processes,
- have arrangements that advance differing qualities and acknowledgment and innovation

but if an association doesn't give them with the correct climate to function, theyre destined. This is often genuine for any organization, not as it were for computer program advancement associations. It takes on-going exertion to setup and keep up the fitting climate and ought to be, in my intellect, need 1. Inquire about has illustrated that a noteworthy rate of the fluctuation in measured trade comes about can be accounted for by an organizational climate.

After all the negative things I have specified, you're likely asking: What can associations do to construct a positive organizational climate in their company? There are a few basic methodologies that can lead to great comes about in a trade. Lets see what they are:

A. Leaders

One of the most occupations of leaders is to guarantee there's a great organizational climate within the company. More than fair requesting comes about, these experts ought to persuade representatives, starting in them the fundamental vitality to carry out fabulous work. So, when its time to contract pioneers for a company, attempt to discover experts who can stir in others their person and collective potential, and who know how to cultivate teamwork.

B. Physical environment

The physical environment of the working environment includes a colossal effect on the organizational climate. Professionals who work in a put that fortifies inventiveness, is comfortable, and makes all the instruments accessible for day by day errands, frequently donate much superior feedback. This could seem self-evident, but numerous companies basically dont pay consideration to this aspect. Its not approximately giving a lavish office to employees but making it a space that's positive for individuals to do their activities. Ergonomics, equipment, colors, how the furniture is arranged, all of this directly affects the employees experience.

C. Recognition

When we conversation almost organizational climate, we cruel how the representative sees the company. And theres nothing way better to boost this pointer than esteeming individuals for their achievements. Numerous gifted individuals in your company can and ought to be recognized. You'll be able do that by giving them grants, a reward, or basically saying it publicly. It could seem typical, but simply giving a title such as employee of the month makes the employees feel recognized, not to say it has the potential to rouse other colleagues.

D. A good relationship among employees

I have specified the relationship a bit when I mentioned approximately authority. "No one is an island", and usually a key word inside organizations. Most issues in a company are due to wasteful communication. In case there are issues within the communication prepare, everybody loses. To progress a company's climate, it is critical to contribute in proficient communication frameworks between employees and teams.

VII. HOW TO APPLY THESE STRATEGIES

Lets take a see at some basic ways of applying the methodologies that empower you to survey the climate in your company and make strides this pointer.

A. Carry out internal surveys

Inner overviews ought to be carried out as often as possible, as they are the most pointer of the recognition employees have. The recurrence of overviews will depend incredibly on how huge the company is and the measures taken to overcome issues that have been distinguished. Compare the comes about of unused overviews with the past ones to get it on the off chance that the issues are still the same. Numbers permit pioneers to recognize the changing potential of the methodologies that have been executed and, in the event, that the changes anticipated to happen were accomplished.

B. Asking for individual and group feedback

Input could be a reaction to a boost. Thats why the company must inquire for it, empowering representatives, separately or collectively, to conversation approximately their encounter. The objective here is to accumulate data that truly reflects the organizational climate. Gathering negative input is one of the conceivable outcomes. Its not the perfect situation, but it is an opportunity for transformation. After all, in case things are not going well in your company, its superior to bring up these issues so they can be tackled.

C. Training leaders

Leaders are vital within the trade world. They are the ones capable for building the attitude of the other employees. But, more regularly than not, leaders are not mindful of the significance of keeping a charming environment for their teams. Thats why alter should begin with them. Training could be a way of indicating out and improving the most characteristics of a leader so they can start the most excellent in each employee.

D. Keeping an open communication channel with the Personnel department

The employees of a company dont continuously feel comfortable talking approximately certain things with the proprietors. They may be perplexed of being let go, they may feel embarrassed of bringing such things up, and indeed being countered for talking up. Thats why its imperative that the company keep up an effective communication channel with the staff division.

VIII. How to measure software development team performance

Software development team performance can be measured utilizing both objective and perceptual or subjective measures. The objective measures of computer program advancement group execution incorporate Work, protest focuses, utilize case focuses, KLOC (Kilo Lines of Code), and imperfection rates. According to Sawyer (2001), perceptual measures ought to be taken from the partners outside to the venture group. These measures incorporate quality of program, capacity of group to work together, fulfillment with the conclusion item, and the effectiveness of the group. These measures are to be collected from partners exterior the extend group to maintain a strategic distance from the self-reporting inclination Table I. [18]

TABLE I
Software development team performance measures

Objective measures	Subjective/perceptual measures
Function points	Team performance ratings by:
KLOC	Team members
Object points	Management
Use case points	Stakeholders
Defect rates	Customer
Defect density	
Quantitative metrics	

Ramasubbu and Balan (2007) clarified that software project team performance can be measured utilizing two measures such as advancement efficiency in terms of work focuses per individual hour and conformance quality, which alludes to the number of abandons detailed by the client amid acknowledgment testing or generation trails some time recently the extend signoff. [19]

Concurring to Boehm (1981), a degree of group execution is to check whether the extend is on plan and on budget. Usually an objective degree. A program advancement teams operational execution measures incorporate yield quality and adherence to plans and budget. Yield quality of a program extend group can be measured utilizing number of surrenders found in acceptance testing (Boehm, 1981). [20]

Bahli and Bykkurt (2005) have utilized the Hackmans bunch execution perceptual measures based on the things such as our gather is exceptionally profitable, we work well as a group, and the quality of our work is exceptionally great. [21]

Sawyer and Guinan (1998) have given three develops for measuring software development team performance:

1) product quality,
2) team effectiveness, and
3) team efficiency.

They have utilized partner appraised item quality, stakeholder evaluated team performance self-rated (group individuals) team performance. Here, team performance measures incorporate the things related both team effectiveness and team efficiency. [5]

IX. A Study - Organizational Climate in IT Companies (reference to Chennai City)

TABLE II
Organisational climate - Dimension-wise Statistics

S.No	Org. climate-Dim.	Mean	Std. Dev.
1	Working conditions	19.58	**3.00**
2	Job satisfaction	19.58	**4.87**
3	Leadership	19.58	**4.69**
4	Managerial Structure	19.58	**3.70**
5	Performance Reward Relationship	19.58	**4.99**
6	Personnel Policies	19.58	**4.75**
7	Participative Management	19.58	**5.04**
8	Social Values	19.58	**4.60**
9	Role Clarity	19.58	**5.00**
10	Trust	20.46	**4.57**

Table II outlines the cruel and standard deviation of the given dimensions of organizational climate. It is induced that job satisfaction has the most noteworthy cruel of 21.05, taken after by the taking after components specifically staff approaches (20.73), execution remunerate relationship (20.68), administrative structure and administrative approaches (20.59), believe (20.46), part clarity (20.30) and social values (20.03). All the other measurements of the authoritative climate are at moderate level.Overall, the full number-crunching cruel of hierarchical climate is 20.21, which shows that the studied IT companies has great authoritative climate.

TABLE III
Individual Means Working Conditions

S.No	Working conditions	Mean	SD
1	My organisation provides safe and healthy working conditions to its employees	4.52	0.838
2	My company offers flexible working hours for the convenience of its employees to have work Life balance	3.18	1.380
3	My organisation provides tables and chairs designed with proper ergonomics for the comfort of employees to concentrate on work	4.26	1.019
4	Our management replaces computers, printers and other network and communication devices before it becomes obsolete	3.77	1.332
5	I receive all information to do my work.	3.84	1.411
	Over all Mean	19.58	3.005

From the Table III, Person Implies Working Conditions, it is deciphered that the respondents opined that they have secure and sound environment have the most noteworthy cruel of 4.52, taken after by consolation capacity of furniture with the cruel of 4.26. The other components of working environment are at direct level. Adaptable working hours within the company has most reduced cruel of 3.18.

A. Conclusion of the study

This investigate is endeavored to discover out the organizational climate of IT companies in Chennai City. In this inquire about, the analyst found that the workers of IT companies were profoundly fulfilled within the taken measurements of organizational climate, but in few such as Administrative Structure and Administrative approaches, participative administration, working conditions and Social values in which cruel values marginally lower than other factors. The IT companies may give some more significance to supply adaptable work timings to guarantee work-life adjust, satisfactory work security, work committees to examine day-to-day issues, and permitting workers to require portion in social benefit and social programs. [1]

X. CONCLUSION

Much like climate change in nature, the corporate climate change will take some time. However, every business can develop a wholesome climate if the leaders want an employee and customer supportive organizational climate. Organizational climate determines the work environment in which the employee feels satisfied or dissatisfied. Since satisfaction determines or influences the efficiency of the employees, the organizational climate is directly related to the effectiveness of an organization. The organizational climate can affect the human behavior in the organization through an impact on their performance, satisfaction and attitudes.

In general, a climate of teamwork is an important key indicator for effective creativity. One of the main problems encountered by the Information Technology industry is a high rate of attrition. Therefore, it has already been confirmed, that Information Technology companies with great organizational climate confront less risk of a steady loss. The significant difference between the types of companies on organizational climate shows that the large- scale Indian Information Technology companies have an improved mean score, which shows a better corporate climate. Moreover, the organizational climate has a great influence on the performance of the employees, as it has a great influence on the motivation and job satisfaction of the individual employees. Furthermore, the corporate climate determines the work environment in which the employee feels satisfied or dissatisfied. Since satisfaction determines or influences the efficiency of the employees, the organizational climate is also directly related to the efficiency of an organization. In addition, the organizational climate can also affect the human behavior within the organization, which has a not to be underestimated impact on their performance, satisfaction

and attitudes.
Basically, a good corporate climate encourages risk-taking, which encourages employees to test and share unusual knowledge and ideas for the success of the company. Furthermore, an atmosphere of collaboration opens up access among the group members and creates an individual motivation for sharing knowledge with the group members and for the teamwork. Standards for transparency and teamwork in knowledge-intensive enterprises facilitate the disclosure of information and create loyalty. As already mentioned, this also leads to the fact, that a climate of teamwork is key factor for effective productivity. Creativity is violated or restricted if the climate of a company is characterized by a poor cooperation and also leads to a poor job satisfaction among employees.

The main contribution of this paper, is the first investigation of the knowledge exchange behavior of software engineers on the basis of existing theories of social psychology. Further, organizational climate was found to have a significant effect on software engineers knowledge-sharing behavior.
Business and technological implications can be derived from this study. From a management perspective, company managers and chief knowledge officers need to place greater emphasis on creating an environment in which engineers can have positive self-efficacy and expectations of knowledge exchange results.

However, it should be mentioned that this study has a few limitations. First of all, it is worth mentioning that, the significance of this study is limited to the field of knowledge sharing behaviour of a particular occupational group: software engineers. This leads to the conclusion that the insights and consequences gained from this study can therefore not easily be applied to other occupational groups. Moreover, despite the strict verification of the credibility and adequacy of the collected data, this study may show a misrepresentation of the communication method, as is often the case with survey research studies. There is a need for further research efforts focused on accumulating empirical data and surmounting the limitations of the present study. These efforts will have to include research that identifies the cultural factors that influence independent variables such as individual cognition. Therefore, special attention should also be paid to identifying the variations in the knowledge sharing behaviour of engineers that may occur as a result of different task structures and leadership styles in different sectors and countries. Finally, because we considered knowledge sharing to be an individualistic behavior, we focused only on those aspects of social cognitive theory which affected behavior toward knowledge sharing. However, behavioral intention is determined by social factors. Therefore, the other social factors such as organizational culture and the organizational citizenship behavior (OCB) should be considered in the future research to increase the explanatory power of the research model. Another major contributions of this paper

is the categorization of the factors affecting the software development teams such as technical factors, non-technical (soft) factors, organizational factors, and environmental factors. Furthermore, this article stresses the soft factors affecting the software development team performance, such as team climate, support for innovation, team diversity, team conflicts, conflict management, team member competencies and characteristics, team leader behavior, and top management support. Also many researchers felt that mutual trust and communication effectiveness are the prioritized factors affecting the performance of software development teams. Further, this should be proved empirically in software development teams. How to improve software development team performance? What are the drivers of better performance in software development teams? What are the effects of different individual personality traits on software development team performance? What factors affect the team performance if agile methodologies are used? Is there any relationship between chosen software project development life cycle and the team performance? These are some of the research questions that can be considered for further research.

REFERENCES

[1] A.K. Subramani and Dr. S. Panneerselvam, "Organizational Climate in Information Technology (It) Companies With Special Reference to Chennai City A Study", Research Scholar, Manonmaniam Sundaranar University in Tirunelveli, vol. 3 no. 7, July 2014.

[2] Atif Acikgz, Ayse Gnsel and Cemil Kuzey, "Climate and Product Quality in Software Development Teams: Assessing the Mediating Role of Problem Solving and Learning", University of Toronto, Kocaeli University and Murray State University, vol. 13 no. 26, pp. 7-40, 2015.

[3] Atif Acikgz, Ayse Gnsel, "The effects of organizational climate on team innovativeness", Fatih University and Kocaeli University in Turkey, vol. 24, pp. 920-927, 2011.

[4] Bernard C. Y. Tan, H. Jeff Smith, Mark Keil and Ramiro Montealegre, "Reporting Bad News About Software Projects: Impact of Organizational Climate and Information Asymmetry in an Individualistic and a Collectivistic Culture", Department of Information Systems (NUS), Wake Forest University, Georgia State University and University of Colorado, vol. 50 no. 1, February 2013.

[5] Goparaju Purna Sudhakar, Ayesha Farooq and Sanghamitra Patnaik, "Soft factors affecting the performance of software development teams", Engineering Staff College of India, Aligarh Muslim University in India and Kalinga Institute of Social Sciences in India, vol.17 no. 3/4, pp. 187-205, 2011.

[6] Jain Mathew, Tomy K. Kallarakal, Uma Selvi and Kennedy Andrew Thomas, "An Empirical Study on the Organizational Climate of Information Technology Industry in India", Christ University Bangalore, vol. 6 no. 2, pp. 136-152, September 2011.

[7] Kurt R. Linberg, "Software developer perceptions about software project failure: a case study", Walden University in USA,The Journal of Systems and Software 49, 1999.

[8] Ming-Ten Tsai and Nai-Chang Cheng, "Programmer perceptions of knowledge-sharing behavior under social cognitive theory", Department of Business Administrator, National Cheng-Kung University in Taiwan, vol. 37, pp. 8479-8485, 2010

[9] "CHAOS: A recipe for success, Standish Group Int. Inc., West Yarmouth, MA, 1999. Cheng-Kung University in Taiwan, vol. 37, pp. 8479-8485, 2010

[10] M. Keil and D. Robey, Turning around troubled software projects: An exploratory study of the deescalation of commitment to failing courses of action, J. Manage. Inform. Syst., vol. 15, no. 4, pp. 6387, 1999.

[11] M. C. Jensen and W. H. Meckling, Theory of the firm: managerial behavior, agency costs and ownership structure, J. Financial Econ., vol. 4, no. 3, pp. 305360, 1976.

[12] C. Kanodia, R. Bushman, and J. Dickhaut, Escalation errors and the sunk cost effect: An explanation based on reputation and information asymmetries, J. Account. Res., vol. 27, no. 1, pp. 5977, 1989.

[13] Anderson N, West MA. Measuring climate for work group innovation: Development and validation of the Team Climate Inventory. Journal of Organizational Behavior 1998; 19: 235 - 258.

[14] M. P. Miceli and J. P. Near, Blowing the Whistle: The Organizational and Legal Implications for Companies and Employees. New York: Lexington, 1992.

[15] J. P. Keenan, Whistleblowing and the first-level manager: Determinants of feeling obliged to blow the whistle, J. Social Behav. Personality, vol. 10, no. 3, pp. 571584, 1995.

[16] BusinessDictionary, organizational culture, http://www.businessdictionary.com/definition/organizational-culture.html, visited: 02.07.2019

[17] Akgz, Atif, Gnsel, Aye, Bayyurt, Nizamettin, and Kuzey, Cemil, Team climate, team cognition, team intuition, and software quality: The moderating role of project complexity, Group Decision and Negotiation, 2014, 23, p.1145-1176.

[18] Sawyer, S. (2001), Effects of conflict on packaged software development team performance, Information Systems Journal, Vol. 11 No. 2, pp. 155-78.

[19] Ramasubbu, N. and Balan, R.K. (2007), Globally distributed software development project performance: an empirical analysis, Proceedings of the ESEC-FSE07, Cavtat near Dubrovnik, Croatia, September 3-7.

[20] Boehm, B. (1981), Software Engineering Economics, Prentice-Hall, New York, NY.

[21] Bahli, B. and Byukkurt, M.D. (2005), Group performance in information systems project groups: an empirical study, Journal of Information Technology Education, Vol. 4.