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The effect of team performance on the internationalization of Digital Startups: the mediating role of entrepreneurship

M. Tajpour *, SM. Razavi

Department of Industrial Management, Faculty of Management, University of Tehran, Iran

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ABSTRACT

BACKGROUND AND OBJECTIVES: Team performance is one of the ways to deal with successive changes from the point of view of experts. Therefore, continuous changes in the work environment and daily work activities require sharing ideas and the need for continuous learning and entrepreneurship. Neglecting entrepreneurship has a negative effect on companies and by neglecting entrepreneurship, it is impossible to operate effectively in a dynamic environment. Therefore, in today's competitive world, companies will lose their competitiveness. Thus, the purpose of this study is to investigate the effect of team performance on the internationalization of digital startups through mediating role of entrepreneurship.

METHODS: In terms of the purpose, it is applied and quantitative research. The research population is estimated to be 375 employees of 101 Iranian international digital startups in the field of technology and city services, which accounted for 10% of exports between 2021 and 2022. The sample size is estimated through Cochran's formula of 190 people. To collect data, a standard 5- point Likert scale questionnaire with 22 items was used. Finally, the data were analyzed by using Smart PLS 3 software.

FINDINGS: The results showed that emotional commitment, creating an environment of innovation, and knowledge sharing through mediating role of entrepreneurship have a positive and significant effect on the internationalization of digital startups. The results of the research indicate positive relationships among Emotional Commitment (2.671) and with entrepreneurship mediating (2.927), Innovative environment (2.478) and with entrepreneurship mediating (2.697), and Knowledge sharing (2.707) and with entrepreneurship mediating (3.333) concerning the internationalization of digital startups. Therefore, these hypotheses were confirmed.

CONCLUSION: The team performance of employees plays an important role in the survival and success of companies in the international sector. The knowledge that companies gain from other companies, especially during internationalization, can escalate their competitiveness in the global market. The performance of the team as the primary factor of learning and innovation facilitates trust among the company's employees.

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*Corresponding Author: Email: tajpour@ut.ac.ir Phone: +989127947802 ORCID: 0000-0001-8951-9711

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INTRODUCTION

Companies of all sizes have commenced expanding their activities beyond national markets due to globalization and its relevant changes. Therefore, the competition in businesses has been improved, and internationalization has been universally one of the principal components of business strategies as a result of the extended volume of global trade and the related changes in the economic environment of countries (Onkelinx et al., 2016). Furthermore, the internationalization of companies has recently attracted the attention of many researchers as a topic. Accordingly, such companies in many developing countries have started their activities in international markets and have participated more in the markets of developed countries (Liu et al., 2019). Since these companies are principally placed in the category of small and medium companies, they play an essential role in the economic development of the country in the world economy. Therefore, such companies are regarded as the engine of economic development (Cela et al., 2022). According to the statistics provided by the Small Industries Investment Support Fund in 2018, it is seen that small and medium enterprises constitute a 10% share of the total export of Iran. Moreover, according to the report provided by the United Nations Development Fund, Iranian digital startups using advanced technology have d export share of less than 1.5% of non-oil exports; therefore, Iran's rank in this area is lower than countries in the region including Saudi Arabia and Turkey (Vashdi et al., 2007). Internationalization enables digital startups to increase their capabilities needed to compete and succeed in the global arena; so while achieving some degree of internationalization is important for all businesses, it is especially important for digital startups that have fewer resources and experience to compete in international markets (Arghashi et al., 2020). As a result, the conformity of the statistics current position with the determined lofty aims shows that there is high-performance gap and the national economic drivers are in inferior. Moreover, digital startups should accomplish their knowledge and research based on international innovation to develop a strategic approach (Purkayastha et al., 2022); accordingly, international organizations such as UNIDO, UNDP which are in the process of trying to integrate the global economy through economic liberalization and reducing laws and regulations

has emphasized the promotion of such activities as the best method for economic development and eliminating inequality in developing countries (Neupane, 2019; Jehan et al., 2020). The significant benefits of internationalization of companies include sustainable competitive advantages, greater performance and higher growth (Bagheri et al., 2019); because the companies working at the international level have normally started their business in national markets and the expanded their activities in global markets after a few years with a cautious approach (Cela et al., 2022). Accordingly, the present study investigates the effect of team performance on the internationalization of digital startups with the mediating role of entrepreneurship, because digital startups are considered as essential components of the development and growth of a society; moreover, entrepreneurship is one of the reasons for success in digital startups because entrepreneurship is created in companies when management and employees have creative and innovative ideas. It can be said that no study has been conducted in this field in Iran so far, and therefore it is an innovative research. Therefore, they are sent study aims the effect of team performance on the internationalization of digital startups with the mediating role of entrepreneurship.

Theoretical Foundation

Successful companies, especially digital startups, are those which continuously create new knowledge, distribute it broadly throughout the organization and quickly use it in new technologies and products. Such companies conduct research and development and their growth and development greatly depends on the development of new knowledge and technology (Salamzadeh et al., 2021). Also, Knowledge is considered as a combination of documented experience, values and defined information that facilitates a framework to collect and evaluate the new experience and information (Sabokro et al., 2018; Tajpour et al., 2022). Furthermore, digital startups, especially in developing societies, are the axis of economy development and transformation. In these companies, the employees are the principal capital and it can be valuable if the knowledge of employees is shared with members inside and outside the company (Hosseini et al., 2020); because the knowledge acquired by the companies from the other companies, especially during internationalization, can

improve their competitiveness in the global market (Liu et al., 2019). Also, business managers figured out that achieving information and knowledge cannot be ignored for the organization survivals as efficiency and effectiveness. Foreign market knowledge is a type of knowledge that is considered a greatly favored motive for the internationalization of businesses and can distinguish it from competitors. Therefore, companies with more knowledge about foreign markets make more informed decisions (Casillas et al., 2019). As a result, identifying international entrepreneurial opportunities is considered as an essential element in understanding the internationalization behavior of businesses and identification of opportunities is undoubtedly associated with the success in international markets and the internationalization speed (Soetanto, and van Geenhuizen, 2019). Many studies have been conducted to explain team performance as companies are increasingly becoming team-oriented and use the team as the principal unit. Consequently, effective teams are considered as an essential factor for digital startups in dynamic environments (Yang, 2011). In addition, many employees in digital startups perform cognitive and intellectual responsibilities in a team environment, and teamoriented performance has become a challenge for human resource management researchers (Vashdi et al., 2007). Furthermore, Coveri and Zanfei (2022) showed that the determining factors of utilizing the internationalization capability of research and development has directed the increasing attention to companies' efforts to improve the knowledge base of domestic production and take advantage of technological overload (Coveri and Zanfei, 2022). Also, internationalization refers to the process of increasing involvement in international operations (Hosseini et al., 2021). The main hypothesis of the study is as follows:

HO: Team performance with the mediating role of entrepreneurship has a significant effect on the internationalization of digital startups.

Emotional commitment

Committed human resources play an important role in the survival and success of the organization (Jayabalan et al., 2016); Because commitment develops a sense of comprehensive identity among the people of the organization and it eventually

leads to social behaviors including sharing ideas and voluntary opinions (Allen et al., 2016); Therefore, organizational commitment is the positive or negative attitudes of employees towards the whole organization not towards the job. Based on organizational commitment, an individual has a strong sense of loyalty towards the organization and identifies his organization through that sense (Tough and Popoola, 2009); In other words, organizational commitment is an attitude about the loyalty of employees towards the organization as a constant process that leads to organizational success through the participation of people in organizational decisions and their care for the organization. Commitment consists of three dimensions: emotional, normative and continuous, and the present study deals with the emotional dimension (Anyango et al., 2015). Emotional commitment is the emotional tendency of employees to the organization, which is identified by satisfaction with the organization and the inclination to stay in it (McKenna, 2005). Emotional commitment is defined as the emotional dependence of the person to the organization, and more precisely, emotional commitment is described as the emotional dependence of employees to determine their identity by means of organization (Arghashi et al., 2020). Furthermore, emotional commitment refers to the extent of the individual's belonging to the organization, the expression of their identity with the organization and the degree of their active participation in organizational processes (Kim et al., 2018); Therefore, emotional commitment is developed by employees' inclination to commit and indicates employees' subjective assessment of their possibilities at a particular time (Gonlo et al., 2010). In this kind of commitment, people consider it their responsibility to proceed working in the organization. Emotional commitment causes employees to stay in the organization due to a sense of loyalty or responsibility and to feel that they are doing the appropriate job (Petty and Hill, 2005). Moreover, the process of internationalization consists of the relationships governing knowledge and awareness about the market, decisions relevant to the level of commitments to a market, and the current activities of academic and entrepreneurial companies (Mtigwe, 2006). Accordingly, organizations must be sensitive to the needs of employees at work and care for their views to achieve employee commitment

(Park and Nawakitphaitoon, 2018); therefore, it can be said that increase in job satisfaction increases the emotional commitment. Furthermore, the entrepreneurial approach and the capacity to absorb knowledge can play an effective role in the success of companies. However, researchers believe that the entrepreneurial approach is an organizational phenomenon that reflects the management ability by which organizations transform the competition based on their interests using innovation and an aggressive approach. Also, according to the internationalization literature, knowledge about foreign markets is a basic concept that explains the behavior and commitment of international companies (Mlinaric, 2016; Mirzapour et al., 2019); therefore, internationalization is performed in digital startups as a strategic orientation to obtain commitment and participation in international markets (Tuppura et al., 2008). According to the contents mentioned above, the first hypothesis of the research is as follows:

H1a: Emotional commitment has a significant effect on the internationalization of digital startups.

H1b: Emotional commitment has a significant effect on the internationalization of digital startups with the mediating role of entrepreneurship.

Innovative environment

Organizations require new and innovative ideas to survive. Organizations can associate with the dynamic environment outside and reach a competitive advantage through the creation of new ideas and processes (Tsai, 2011). As a result, the management should always be open to new ideas from everyone in the company and not just wait for new opinions to be expressed; Therefore, there are many obstacles and challenges to develop innovation in organizations and managers must solve them and support creative and innovative employees to develop a suitable environment for the development of innovation in the organization (Martínez-Román et al., 2020). Furthermore, entrepreneurship is currently known as the principal motive for the development of innovation, and the appropriate solution to be successful in chaotic and unpredictable markets (Cunningham et al., 2019). Therefore, large companies have recently been trying to cooperate with small companies due to the competitive business environment. In fact, due to problems including organizational problems and risk aversion, large companies frequently encounter a lack of dynamism and lack of flexibility to develop innovation (Jang et al., 2017). Thus, despite the competition in various fields, managers are trying to pay attention to the innovative production by identifying and creating an environment where proper understanding exists so that the creativity and productivity growth becomes possible (Mahdavi Mazde et al., 2022). Environment is often defined as people's perception of the environment. In addition, Innovative environment is defined as the general financial, economic, technological, social and cultural environment of companies (Lawal et al., 2018). Innovative environment includes the shared understanding of team members and the organization in respect of activities, methods and behaviors that promote the new generation of knowledge (Moolenaar et al., 2010). Also, internationalization motivations and competitive advantages that are pursued during internationalization are useful for emerging economic companies (Ahsan and Sinha, 2022). Therefore, based on the conditions and Innovative environment, when team members face particular challenges and problems in the company, they take part in team work seriously and communicate to find appropriate solutions (Tsai, 2011). Because the created innovation is a collection of frequent cooperation, mutual learning and interaction. Thus, various activities of digital startups, regardless of what they produce, are performed based on innovation (Cela et al., 2022). With the purpose of turning knowledge into power and by establishing knowledge-based business, these companies perform their economic activities according to research and development activities and assist in promoting the knowledgebased economy in society (Du et al, 2020); Since knowledge and innovation are considered as the main assets of digital startups based on technology in international markets, public support is essential for success in this field as the available resources are limited (Mahdavi Mazde et al., 2022); Therefore, it is worth mentioning that the more digital startups are equipped with instruments to support the Innovative environment and entrepreneurship and provide an appropriate condition for the commercialization of ideas and the transfer of produced technologies, the more successful they will be in achieving their goals (Du et al, 2020). In this respect, Jang et al. (2017) stated in their study that the international business of digital startups is greatly important for their growth, Innovative environment and survival. They also believe that the numerous restrictions experienced by small and medium-sized companies in the process of internationalization clarifies the importance of acquiring knowledge and continuous learning (Jang et al., 2017). Martínez-Román et al. (2020) have shown in their study that entrepreneurship and innovation in the production leads to the development of the company's business and supports its export operations, however it is associated with a nonlinear relationship and a regression in performance with an increase in the level of innovation (Martínez-Román et al., 2020). Therefore, it can be said that the relationship between the company internationalization and the Innovative environment is influenced by many factors, and the strategy of internationalization changes the company's income and also reduces the company's risk and it is beneficial for investment in the development and research and innovation sector (Du et al, 2020). Accordingly, the second hypothesis of the research is as follows:

H2a: Innovative environment has a significant effect on the internationalization of digital startups.

H2b: Innovative environment has a significant effect on the internationalization of digital startups with the mediating role of entrepreneurship.

Knowledge Sharing

Organizations are required to react appropriately to the continuous changes in the process of competition in the business environment otherwise they will be destroyed (Hosseini et al., 2020). Therefore, knowledge sharing is one of the factors influencing the competitive advantage of businesses in the international environment, and it is also an essential instrument for organizations to manage information and knowledge to a higher standard. Furthermore, entrepreneurial culture facilitates the entrepreneurial activities of international businesses through knowledge (Zahra, 2005). This leads to the identification of international opportunities (Dimitratos et al., 2012). According to international entrepreneurship, internationalization means searching, knowing, evaluating and utilizing opportunities beyond national borders in order to produce goods and provide services, a process in which the company's engagement in international markets increases (Schillo, 2018); Therefore,

internationalization is the product of the combination of uncertain market conditions that generate measures, entrepreneurial insights, knowledge sharing and it is performed by decisions made on strategic entry mode in foreign markets (Martínez-Román et al., 2020). As a result, collaborative agents in designing innovation and entrepreneurship take part in sharing knowledge, resources, and risks among participants (Chen et al., 2020). Thus, knowledge sharing is known as one of the important components of business so that the competitive advantages of companies remain and are maintained in their business (Razak et al, 2016). In fact, it is worth mentioning that if organizations intend to achieve their goals including survival, growth and development through the international environment, they should provide the conditions for the development of entrepreneurial behaviors by managing knowledge (Chitsaz et al., 2019). Subsequently, the business world is transforming the capital dominance into knowledge sharing (Korimbocus et al., 2020). Therefore, sharing knowledge as a complex but valuable and basic activity is the foundation of many management strategies in the organization (Singh et al, 2019). Thus, in today's knowledge-based societies, knowledge assets serve a vital function in the growth, survival and better performance in the economy of organizations (Yasir and Abdul Majid, 2017); Because when people share their knowledge, skills and expertise among members of an organization, performance improves and organizations become more innovative (Tajpour et al., 2022); Therefore, it can be stated that sharing knowledge effectively and efficiently is essential for the success of companies, especially digital startups that work in international environments (Al-Kurdi et al., 2020; Tajpour et al., 2022). In other words, knowledge sharing consists of sharing ideas, needs, successes and problems in the organization. As a result, the competitive advantages of any organization can be improved by sharing employees' knowledge. Accordingly, since knowledge sharing has an important and special position in the process of knowledge management, it is necessary for the success process of an organization to investigate the position of knowledge sharing in the international environment. Therefore, according to the contents mentioned above, the third hypothesis of the research is as follows:

H3a: Knowledge sharing has a significant effect

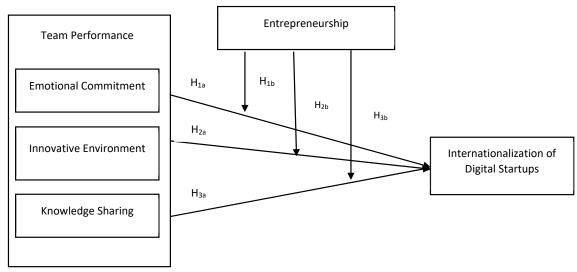


Fig.1: Conceptual model

on the internationalization of digital startups.

H3b: Knowledge sharing with the mediating role of entrepreneurship has a significant effect on the internationalization of digital startups.

The present study and the conceptual model are designed based on scientific sources and previous studies with a new arrangement; hence, according to the studies so far, no study has been conducted in Iran on team performance, internationalization of digital startups with mediating role of entrepreneurship as discussed in the present study. Therefore, the conceptual model of the research has been selected (Fig. 1) according to the research literature. The current study have been carried out in Tehran in 2022.

MATERIALS AND METHODS

Sample Methodology

The present study is applied in terms of the purpose and it is a quantitative research in terms of method. The population of the study is estimated to be 375 employees from 101 international digital startups in the field of technology and urban services that constitute 10% of exports during the past two years (2021-2022). For data collection, a standard questionnaire instrument has been used to measure the variables of the conceptual model. It includes 22 closed-ended questions and 12 team performance

questions including (emotional commitment (Allen and Mayer, 1990), Innovative environment (Sigel and Kimer, 1978) and knowledge sharing (Wang and Wang, 2012), 4 questions on entrepreneurship (Murphy et al., 1996) and 4 questions on the internationalization of digital startups (Cahen, 2019) with a 5-point Likert scale (1- absolutely disagree, 2-disagree, 3- no opinion, 4- agree and 5- absolutely agree). The present study has investigated the relationships between variables using PLS3 software and structural equation modeling. This software has been used because the distribution is not required to be normal compared to other available software (Kline, 2015).

Measurement, reliability and validity

In the present study, the constructs are considered as follows: team performance is an independent variable, internationalization of digital startups is a dependent variable, and entrepreneurship is a mediating variable. In order to ensure the accuracy and precision of the results, the technical characteristics of the questionnaire were evaluated in two sections, validity and reliability, using different criteria. The validity of the questionnaire has been evaluated and confirmed through content and construct validity. To measure the content validity of

the instrument, the ideas of relevant professors and experts on the topic were used, and to measure the construct validity, the structural equation modeling of convergent and divergent validity was used. In order to determine the convergent validity, the average Variance Extracted (AVE) index was used and for the divergent measurement, the square root of average variance extracted index was used (Mobaraki et al, 2021). The average standard deviation extracted for the variables is higher than 0.5 and indicates its high validity. Moreover, the reliability of the questionnaire instrument was measured using Cronbach's alpha coefficient and composite reliability. Furthermore, as Cronbach's alpha of all variables is higher than 0.70 and the overall alpha of the questionnaire was calculated as 0.83, it can be concluded that the study instrumentation used has an accepted level of reliability (Table 1).

As can be seen in Table, the values for square root of the average variance extracted are higher than the acceptable minimum of 0.5; therefore, the variables have divergent validity. Furthermore, since the square root values for the average variance extracted are higher than the correlation of the variable with other variables, divergent validity is acceptable if the numbers mentioned in the main diameter are greater than their underlying values (Fornell and Larcker, 1981). So, it can be concluded that the variables have validity and their divergent validity is also confirmed.

According to the contents mentioned above and the results achieved from the SmartPLS3 software output in Tables 1 and 2, the measurement models have accepted validity (convergent and divergent) and

reliability (reliability, composite reliability coefficient and Cronbach's alpha).

RESULTS AND DISCUSSION

The fit of the model was examined at three measurement levels, structural and general. Some indexes are applied to examine the fit of the structural model of the study using the partial least-squares method, which is the first and most principal index of significant coefficients or t-statistic values. The fit of the structural model using t coefficients is such that these coefficients must be greater than 1.96 to confirm their significance at the 95% confidence level (Thomas, 2003). The results obtained from the investigation of this index revealed that the obtained values whose critical value is higher than the critical value (1.96) at the 95% confidence level have been confirmed (Fig. 2).

Coefficient of Determination (R²)

The second index for examining the fit of the structural model in a study is the R2 coefficients related to the endogenous hidden variables of the model. R² is an index that displays the effect of exogenous variables on an endogenous variable and three values of 0.19, 0.33 and 0.67 are taken into consideration for weak, medium and strong values of R² (Salamzadeh et al., 2021). In the present study, the index considered for the entrepreneurship is (0.721) and internationalization of digital startups is (0.215), so the structural model has a desired fit at a strong level based on this index. Furthermore, the results have been shown according to Fig. 3.

Table1. Variables, the Number	er of Questions and Reliability
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No	Variables	Questions	Cronbach's alpha	Shared Reliability	Confidence Level	AVE
1	Emotional Commitment	1-5	0.847	0.884	0.943	0.632
2	Innovative environment	6-10	0.838	0.801	0.823	0.514
3	Knowledge Sharing	11-15	0.863	0.718	0.713	0.552
4	Entrepreneurship	16-19	0.777	0.712	0.726	0.875
5	Internationalization of digital startups	20-24	0.812	0.822	0.869	0.571

Table 2: Divergent validity

Variables	1	2	3	4	5
Innovative environment	0.383				
Emotional Commitment	0.89	0.795			
Entrepreneurship	0.241	0.481	0.534		
Internationalization	0.304	0.144	0.653	0.756	
Knowledge Sharing	0.367	0.408	0.165	0.500	0.689

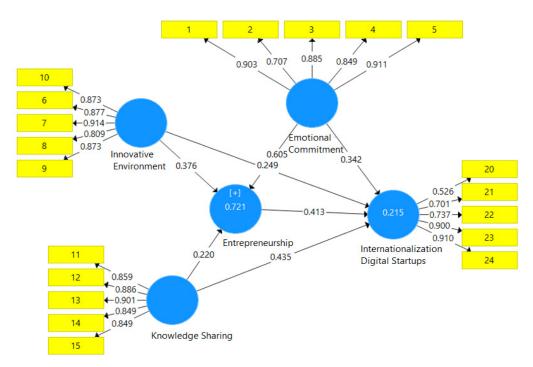


Fig.2: T-statistic values

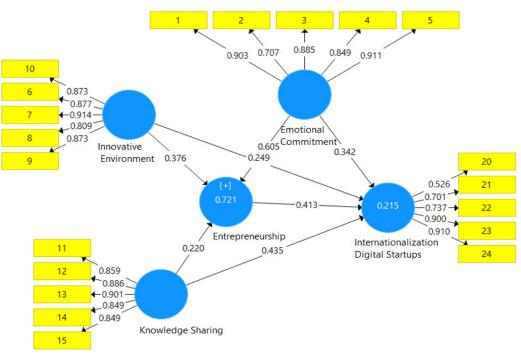


Fig. 3: Model in the case of standard factor loading coefficients

The Q2 index

The Q2 index is calculated for all dependent constructs and represents the product of the combined values of the study constructs by the values of their respective coefficients of determination. The value should be 0.2, 0.15 and 0.35 for all endogenous structures as low, medium and strong predictive power (Kline, 2015). This index in the present study is for entrepreneurship (0.513) and internationalization of digital startups is (0.177). This result shows the high and desired fit of the structural model of the study.

General fit of the model

The general model includes both measurement and structural model parts, and when its fit is confirmed, the fit check in a model is complete. Thus, the general fit of the model is possible with the help of GOF goodness of fit index. According to three values of 0.01, 0.25 and 0.36, weak, medium and strong values for GOF have been introduced. The value of 0.607 for this index shows the strong fit of the general study model.

$GOF = Vaverage (Commonality) \times average (R^2)$

Another index is the Standardized Root Mean Square Residual (SRMR). According to Byrne (1998) view, the value of 0.05, according to Hu and Bentler's view (1999), the value of 0.08, and according to Ringel

et al. (2016) view, the value of SRMR is less than 0.10, showing an acceptable fit of the general model. According to Table 3, this index is also at its acceptable threshold, so it can be claimed that the present study model has a desired fit. Normed Fit Index (NFI) has also been used to measure fit. The acceptance range of this index is between 0 and 1 and the NFI should be larger than 0.9 (Kline, 2015). Therefore, as shown in Table 3, this value is 0.920, and this index is also confirmed. In addition, the VAF statistic indicates that the intensity of entrepreneurship mediation is equal to 0.326, which means that the mediation effect is partial.

Testing Hypotheses

Finally, t-statistic has been applied to examine the presumed relationships between the variables. To test the main hypothesis, six sub-hypotheses have been used, and according to Table 4, the T-coefficient of the six existing relationships has been confirmed. To determine the impact of the predictor variables on the dependent variables, the standardized factor loading coefficients relevant to the paths of each of the hypotheses have been investigated. These coefficients represent how many percent of the changes of the dependent variables are described by the independent variables.

Organizations have paid a great deal of attention to entrepreneurship considering today's disordered and

Table3: Fit Indexes

Model Fit	NFI	SRMR
Accepted Values	≥0.9	≤0.10
Calculated Values	0.920	0.07

Table 4. T-statistics and research impact factor

No	Path	T-statistics	Impact Factor	Test
1	Emotional Commitment-Internationalization of Digital startups	2.671	0.342	Hypothesis Confirmed
2	Emotional Commitment- Entrepreneurship -Internationalization of Digital startups	2.927	0.605	Hypothesis Confirmed
3	Innovative environment- Internationalization of Digital startups	2.478	0.249	Hypothesis Confirmed
4	Innovative environment- Entrepreneurship -Internationalization of Digital startups	2.697	0.376	Hypothesis Confirmed
5	Knowledge sharing- Internationalization of Digital startups	2.707	0.435	Hypothesis Confirmed
6	Knowledge sharing- Entrepreneurship -Internationalization of Digital startups	3.333	0.220	Hypothesis Confirmed

extremely competitive conditions. Therefore, the aim of the present study is to investigate the effect of team performance on the internationalization of digital startups with mediating role of entrepreneurship. The results of structural equation analysis using SmartPLS3 software demonstrated that the six hypotheses were confirmed. According to the first hypothesis i.e. the effect of emotional commitment on the internationalization of digital startups and its sub-hypothesis i.e. emotional commitment has a significant effect on the internationalization of digital startups with the mediating role of entrepreneurship, it can be said that organizations should identify the employees' goals and values and progress to connect these goals and values with the principal goals in order to improve the level of employees' emotional commitment, and they should explain the goals and values of the organization properly by establishing efficient and effective communication with the employees so that the employees can feel personally responsible for the success of the organization. Moreover, according to Oyewobi et al. (2019), the company should hire people who consider it an essential issue to stay in the company and they are emotionally attached to the company. Similarly, the results indicated that human resource is the most important and sensitive source to determine the success and failure of the organization. Therefore, managing people is one of the strategies that, if used in an appropriate and timely manner, can maintain and develop and proportionally improve the level of satisfaction of committed, hard-working and responsible employees based on objective performance measurement methods, and it can lead to the actualization of capabilities, capacities and the potential abilities of people, and the establishment of high motivation for employees entrepreneurship and it can also create a higher level of quality and organizational performance through the direct participation of capable entrepreneurial teams; Therefore, according to Kim et al. (2018), there is evidence of change in companies that feel committed to establishing entrepreneurial teams. In fact, they are moving towards a transformation or a revolution. Such risky activities are the new strategy for many companies. These teams are described as people who are their own managers and leaders and have great performance; it is also worth mentioning that in large organizations working

in the field of hierarchal technology and urban services, new ideas are shared among the groups while the environmental conditions are continuously changing, developing and transforming; The idea provider (entrepreneur), despite his interest and enthusiasm for the subject, gradually moves away from it and reduces his commitment and attraction to the subject. Furthermore, whenever the idea is transferred and exchanged, some information is missed and eventually the final result is very different from the original topic. Thus, in digital startups, the provider of a new idea can directly communicate with the principal decision-maker without observing the hierarchy and quickly gets informed about the work results. Consequently, they have a more successful performance in international environments. According to the second hypothesis i.e. Innovative environment has a significant effect on the internationalization of digital startups and its sub-hypothesis i.e. Innovative environment has a significant effect on the internationalization of digital startups with the mediating role of entrepreneurship, it can be said that it is necessary to focus on organizational culture and proceed towards arranging the values and norms of people, because innovative organizations have a common culture to move towards the internationalization of digital startups. They encourage experiencing, appreciate new experiences, and reward success and failure considering different situations, they also learn from mistakes and respond to environmental issues in the shortest time and in the best way according to the changes made. It is also worth mentioning that empowerment programs enable the company to perform in a creative and innovative way and provide its business plans in such a way that it always maintains excellently its position (Schillo, 2018). Therefore, managers are recommended to consider strategies such as innovative learning to solve problems, to prepare for change, to promote self-reliance and creativity development in digital startups regarding urban services and technology in order to improve the Innovative environment. They are suggested to facilitate the formation of an Innovative environment by creating a peaceful and informal work environment for staff, providing appropriate bonus and rewards to innovators, preparing people for change and supporting work bias. They should enhance the amount of

an Innovative environment by giving importance to entrepreneurial skills and providing relevant training among employees. They are also suggested to promote the development of digital startups regarding urban services and technology by applying the capabilities and innovative ideas presented by employees. Furthermore, managers should note that having information and communication technologies is the factor in achieving superiority and power in the company and it can influence various aspects of the company and it leads to important changes in the process of entrepreneurship, especially in internationalization. The results of this hypothesis are consistent with the statements made by Tajpour et al. (2020). According to the third hypothesis i.e. knowledge sharing has a significant effect on the internationalization of digital startups and its subhypothesis i.e. knowledge sharing with the mediating role of entrepreneurship has a significant effect on the internationalization of digital startups, it can be said that the lack of logical communication between managers and employees of digital startups in the development of executive rules and regulations reduces the motivation of people. Thus, informing employees through the publishing of extensive information leads to the production of constructive ideas to solve problems in digital startups in respect of urban services and technology. Furthermore, team spirit, self-efficacy, and self-confidence are improved through the behavioral honesty of the manager in presenting information. Teams for research, development, and support must be established senior managers to respond to environmental challenges in the internationalization of companies; therefore, using human resources efficiently provides knowledge and material resources and it makes it possible to perform at a greater level and to present their services and products in the customer's attitude by providing a proper condition and guiding the workforce; accordingly, entrepreneurs are able to efficiently face ambiguous, insufficient, inconclusive, disorganized and vague conditions and information to a moderate extent without feeling threatened or anxious by threats or failures, and they can use the ambiguities for their own interest and change the company in the international environment by resolving ambiguities using personal skills and efforts. The results of this hypothesis are consistent with the statements made by Kim et al. (2018).

CONCLUSION

Entrepreneurship is a significant phenomenon in digital startups, especially in Iran which is facing many challenges including sanctions and economic problems; therefore, managers should pay special attention to entrepreneurship because employees will express their creative and innovative ideas through suggestions if they ensure that their managers behave honestly. Thus, employees develop new and unique ideas to help digital startups in respect of urban services and technology to survive in the international competitive environment, support their colleagues and provide basic and quick suggestions for improvement to their leaders so that they can deal with the fundamental problems that arise in the industry. Furthermore, managers can set common goals, satisfy the social and group needs of members, create a two-way communication, develop the employees' skills and expertise, and establish group dynamics by collaborating and negotiating with team members. Creativity, innovation and entrepreneurship of employees are developed by participation and better responsiveness of employees to responsibilities and experiences. In fact, digital startups are developed in their specialized field by eliminating communication obstacles in the company. Company managers should also pay attention to the needs and demands expressed by their employees. Managers can create the opportunity to hear new opinions and ideas expressed by employees and clarify team and organizational goals by holding entrepreneurship courses so that they can perform well in the internationalization of their companies. Therefore, conditions for increasing the internationalization of digital startups in respect of urban services and technology will be provided through entrepreneurship.

Research Limitations

Even if a research is perfect, the researcher encounters some challenges and limitations. In present research, there are limitations in research data collection using questionnaire such as, the paper questionnaire naturally has limitation, it was impossible to investigate how careful the repliers were, there was a time limitation and the data collection was delayed because of online distribution of questions.

AUTHOR CONTRIBUTIONS

M. Tajpour and S.M. Razavi performed the conceptualization and literature review, compiled the data, manuscript preparation and editing references. M. Tajpour performed the Methodology, analyzed and prepared the manuscript text and manuscript preparation.

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CONFLICT OF INTEREST

The authors declare that there is not any conflict of interests regarding the publication of this manuscript. In addition, the ethical issues, including plagiarism, informed consent, misconduct, data fabrication and/or falsification, double publication and/or submission, and redundancy has been completely observed by the authors.

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ABBREVIATIONS (NOMENCLATURE)

AVE	Average Variance Extracted
CR	Composite Reliability

R ²	R Square
Q2	Predictive Relevance
GOF	The Goodness of Fit
NFI	Normed Fit Index
SRMR	Standardised Root Mean Square Residual

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