



## Research Article

## Knowledge Management and Its Relationship to Decision-Making for the Administrative Bodies of Premium Volleyball Clubs

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Abstract	Manuscript Information
<p>The problem of the research lies in the need to know the extent to which knowledge management is used by the president of the volleyball sub-federation and the characteristics that the president must have in order to be a successful leader because his work in the field constitutes an important and decisive factor in improving the federation's performance and the impact of this on the decision-making of the federation's members and thus in achieving the desired results. In addition to the lack of a study related to knowledge management and its relationship to decision-making in volleyball, the research objectives are to identify the relationship between knowledge management and decision-making in volleyball. The researchers used a descriptive approach on the members of the administrative bodies of the excellent volleyball clubs (Police, Peshmerga, Industry, Dokan, Al-Qasim, South Gas, Marine, Army, Erbil, Haditha, Al-Daghara, Balad, and North Refineries) in Iraq for the 2022–2023 season, which amounted to a number of members. (140) members distributed among (13) clubs, and after processing the results, the researchers reached a set of conclusions, the most important of which is the existence of a positive correlation between knowledge management and decision-making among members of volleyball sports clubs.</p>	<ul style="list-style-type: none"> <li>▪ ISSN No: 2583-7397</li> <li>▪ Received: 05-01-2024</li> <li>▪ Accepted: 01-02-2024</li> <li>▪ Published: 11-02-2024</li> <li>▪ IJCRM:3(1);2024:122-125</li> <li>▪ ©2024, All Rights Reserved</li> <li>▪ Plagiarism Checked: Yes</li> <li>▪ Peer Review Process: Yes</li> </ul> <p><b>How to Cite this Manuscript</b></p> <p>Dr. Manaf Abdulaziz Muhammad, Dr. Alaa Kadhim Armout, Dr. Ali Mohammed Jawad Al-Saegh. Knowledge Management and Its Relationship to Decision-Making for the Administrative Bodies of Premium Volleyball Clubs. International Journal of Contemporary Research in Multidisciplinary. 2024; 3(1): 122-125.</p>

**Keyword:** Knowledge management, decision making, administrative bodies of elite clubs and volleyball.

### Introduction

Volleyball has witnessed rapid development in recent years, and interest in this game has begun to increase. It has captured the attention of many, making it one of the most popular games in many countries around the world. It is one of the individual games that requires many aspects and organization in order for the tournament to be organized in the best way and thus perform. For the development of the game, the Iraqi Central

Administrative Bodies for Tennis, Table Tennis, Badminton, and Squash hold multiple tournaments annually, and the role of knowledge management has emerged so that teamwork has a positive impact that greatly serves the process. The importance of the research lies in covering important aspects and revealing the importance of knowledge management. Among the heads of volleyball's administrative bodies and the extent of their relationship with their ability to be creative, and in order to

achieve progress and progress forward in the process and provide the best, the problem of the research lies in the need to know the extent of the use of knowledge management by the president of the Volleyball Sub-Federation and the characteristics that the president must be distinguished in order to be a successful leader because his work in the field constitutes an important and decisive factor in improving the federation's performance and its reflection on the decision-making of the federation's members and thus in achieving the desired results. In addition, there is no study related to knowledge management and its relationship to decision-making in volleyball. <sup>[1]</sup> The objectives of the research are to identify the relationship between knowledge management and decision-making in volleyball.

### Practical Part

The researcher used the descriptive approach on the members of the administrative bodies of the excellent volleyball clubs (Police - Peshmerga - Industry - Doka - Al-Qasim - South Gas - Marine - Army - Erbil - Haditha - Al-Daghara - Balad - North Refineries) in Iraq for the 2022-2023 season, which are in number. (140) members distributed among (13) clubs.

### Field Research Procedures

To achieve the objectives of the current research, it was necessary to build knowledge management and prepare a decision-making scale, so the researcher followed the following steps:

- Procedures for building knowledge management and decision-making standards in volleyball.
- Determine the goal of the two metrics:
- Determine the areas of the two scales:
- Preparing the initial version of the knowledge management scale

### Determine the Method and Basis for Formulating the Paragraphs of the Knowledge Management and Decision-Making Standards

In constructing the items for the two scales, the steps followed in the method of drafting the items according to the Likert method were taken into account due to its distinctiveness as follows:

- It is distinguished by its flexibility due to the large number of alternatives.
- He has high honesty and stability.
- Reduces the degree of guesswork and chance factor.

### The Following Principles Were Taken Into Account in Constructing the Scale Items

- The paragraph should have a single meaning, be interpretable once, and be easy to understand.
- Avoid using the negation method so as not to confuse the subject.
- The paragraphs were written in simple and clear language.

### Formulating the Scale Items and Answer Alternatives

- Determining the validity of the scale items and answer alternatives.

- Preparing instructions for answering the scale.

### Exploratory Experience

Its purpose is to identify the clarity of the instructions or paragraphs of the scale in its initial form, as well as to know the obstacles and difficulties that may obstruct the application of the main experiment, as well as the time taken to answer the paragraphs of the scale. Therefore, the scale was applied to a sample of (10) members of the administrative body, and it was evident from the experiment The instructions and paragraphs of the scale are clear and understood by the sample members, and the average time taken to answer the scale was (15) minutes.

### Main Experience

The basic experiment was carried out by applying the knowledge management scale to a sample of (80) members with the aim of conducting preliminary statistical analysis of the scale items.

### Description of the knowledge management scale in its final form

The scale consists of (37) items distributed over the four areas: (9) items for the field of organizational structure, (9) items for the field of strategic environmental analysis, (9) items for the field of strategy formulation and implementation, and (10) items for the field of strategic evaluation and control. It is corrected through the correction key, which consists of five alternatives, which are (always, often, sometimes, rarely, never). The weights were given (5-4-3-2-1), respectively. The highest score obtained by the subject is (185) degrees. The lowest score is (37). The hypothetical mean of the scale is (111), and whenever the score obtained by the subject is equal to or higher than the hypothetical mean, this indicates the prevalence of knowledge management among the members, and paragraphs were added to reveal the credibility of the answer outside the total number. After completing the construction of the knowledge management scale, preparing the scales, and making the decision, the scales were applied to the members of the application sample, which numbered (50) members.

### Description of the final decision-making measure

The scale consists of (19 items) that are corrected through the correction key, which consists of five alternatives, which are (always, often, sometimes, rarely, never). The weights were given (5-4-3-2-1) respectively. The highest score gets The test had a score of (95) and the lowest score was (19), and the hypothetical mean was (57) items.

### Results

#### The reality of knowledge management and decision-making among members of the administrative bodies of premium volleyball clubs

After we achieved our first and second research goal of building a knowledge management scale and preparing a decision-making scale, it became clear after analyzing the data that the arithmetic mean of the knowledge management scale for members reached (132.58) with a standard deviation of (37.82), and as for the

Decision-making scale, the arithmetic mean for them reached (67.95) with a standard deviation of (23.62), and Table (1) shows this.

**Table 1:** Shows the mean and hypothetical mean and the (t)-value calculated for a sample of members of the administrative bodies of premium volleyball clubs for the knowledge management and decision-making scale

Scale	Sample	mean	hypothetical mean	STDEV	(t) value	Sig.	Indication
knowledge management	50	132.58	111	37.82	8.28	0.000	Sig.
Make decision		67.95	57	23.62	9.91	0.000	Sig.

By comparing the mean with the hypothetical mean for the knowledge management scale, it was found that there were apparent differences, so it was tested with a t-test (to identify the statistical significance of these differences. It appeared that the value of (t) calculated for members of the administrative

Bodies of the excellent volleyball clubs reached (132.58), which is (132.58). It is greater than the value of (SIG) at the level of significance (0.05). This means that the difference is statistically significant, and this result can be interpreted in light of what was obtained, as it became clear that knowledge management.<sup>2</sup>

**Table 2:** Shows the correlation coefficient for the research sample

Variables	Correlation coefficient	Calculated T-value	Tabular T-value	Sig.	Indication
(Knowledge Management) (Decision Making)	0.694	12.234	1.96	0.05	Sig.

**Presenting, analyzing, and discussing the results of the percentage of knowledge management’s contribution to decision-making for members of the administrative bodies of premium volleyball clubs:** For the purpose of identifying the percentage of contribution of knowledge management to the

decision-making variable, the researcher used simple regression in order to extract the value of the percentage of contribution resulting from the value of the square of the correlation between them, and Table 3 shows this.

**Table 3:** Shows the significance of the correlation coefficient and the percentage of knowledge management’s contribution to decision-making

Variables	Nature of correlation coefficient	Correlation coefficient value R	Contribution ratio R2	Degrees of freedom	F value	Statistical function
(Knowledge Management) (Decision Making)	Simple	0.62	0.38	233-1	146.08	Sig. at 0.00

It is clear from Table (3) that the percentage of knowledge management’s contribution to the decision-making index was high, and this is confirmed by the calculated (F) value of (146.08), which indicates that the shared variance between the two variables was large, and this is evident through the significance level of (0.00).

**Discussion**

Knowledge management has become one of the necessities of work in all institutions, including the administrative bodies of sports clubs, which must be included in the strategic plan, which is setting a clear future vision for what the clubs want to achieve, and setting various paths for implementation mechanisms to reach these goals and objectives,<sup>3</sup> with continuous evaluation and monitoring to modify any Deviation in these paths according to the completely identical strategic plan of knowledge management for clubs, which is part of the organizations’ integrated strategic plan.<sup>4</sup> Knowledge management contributes to increasing the ability of clubs to face competitive conditions, and helps them to do so through their technical and financial resources to ensure that they achieve competitive advantage,<sup>5</sup> after... Rapid scientific changes and tremendous technological change in all sciences, and the strong entry of knowledge management into all administrative institutions, including sports clubs. Any organization that wants success and continuity cannot neglect knowledge management, and not use it in all of the

organization’s work, and all administrative work must be subject to management. A future strategy that evaluates the present, benefits from the past, and looks to the future.<sup>6</sup> One of the most important goals of knowledge management is the participation of all employees in developing the plan, so that they can be partners in the success of the organizations’ goals in general, so that they are satisfied and motivated to achieve these goals because they participated in setting them, and the decision-making process is the basis The work of members of the administrative bodies of the clubs included in the research, as we find that planning, organization, personnel management,<sup>7</sup> leadership and control are the main functions of management, and we find that each of them relates to decisions clearly, in order to implement the plan and set goals, and that the decision-making process is based on the fact that the decision is the basic process in management.<sup>8</sup> The manager's real work is to make the decision that distinguishes the best and most optimal alternative from among the various alternatives available, and thus choose the optimal alternative. It also expresses the ability of administrative officials to provide sufficient information at the university, find appropriate alternatives, and evaluate the best alternative to achieve the desired goal, taking into account the quality of the decision, the time of making the decision, and the speed and ease of implementing it while achieving the maximum return.<sup>9</sup>

### Conclusions

The validity of the knowledge management scale that the researcher prepared in measuring the degree of knowledge management among members of volleyball sports clubs, and the validity of the decision-making scale that the researcher prepared in measuring the degree of decision-making among members of volleyball sports clubs. Members of volleyball sports clubs enjoyed a good amount of ( Knowledge management and decision making), there is a positive correlation between knowledge management and decision making among members of volleyball sports clubs.

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