Thinking System for Forming and Monitoring the Scientific Rating of Professor Teachers Online

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Abstract: *If we look at the example of online monitoring of teacher ratings in the article, we can say that to date, there are very few, if any, online teacher software tools. Taking into account this requirement, a simulator with a clear and user-friendly interface will be developed among professors and teachers, including students and teachers of higher education institutions. For the formation of this rating system and the design of the simulator, special attention is paid to the placement of resources in 4 modules, the formation of monitoring, calculation of ratings on the basis of special and standard scales, filtering reports and improving mechanisms.*

Keywords: *resource formation, simulator, module, monitoring formation, custom scale, online processing, registration.*

It is no secret that in today's world of machine learning and artificial intelligence, the creation and demand for software products is growing, and their audience and sphere of influence is expanding. Given the fact that young people, professors, researchers, working or studying in various fields, with great interest and aspirations and views, reduce the time to determine the scientific potential of a professor online without human intervention and generate and monitor reports, indeed, it's not hard to see how huge the issue is. There are international systems available today, but we do not have national and local monitoring systems, and there is a growing need for them, and their study and use is expanding. But the most important aspect of this system is its simplicity and convenience, as well as the fact that you do not have to take courses to learn how to work in it and do not require special knowledge or special training, so the need for such software is high. [1]

Therefore, the introduction of a rating system for evaluating the activities of scientific institutions in the country, the Law "On Science and Scientific Activity" and the Presidential Decree of 1.11.2017 "On measures to further strengthen the infrastructure of research institutions and develop innovative activities." No. PQ-3365. [2]

The adopted document approved the Regulation on the procedure for determining the rating of scientific organizations. The Ministry of Innovation Development is responsible for shaping the system. He has the following responsibilities:

➢ formation of a database describing the level of research and innovation activities of research organizations, the quality of research work, the results of research and innovation activities;

➢ annual ranking of scientific organizations;

➢ to provide practical assistance in the inclusion of national scientific organizations in the ranking of the world's leading scientific centers;

➢ Based on the results of the rating, the task is to develop a system of specific proposals for improving the quality of research and innovation in scientific organizations. [3]

If we look at the example of teaching the system of monitoring the scientific potential of professors and teachers, we can say that to date there are very few, almost no software tools available through the online platform. Therefore, another important task for today's education system is the need to create a programming or platform for young people using a variety of sources, primarily the Internet and mobile phones. The task of creating and posting information and resources on this online platform is to train interested parties to become members and to receive information from those that can be used effectively. They also need to be able to evaluate the quality and reliability of any information, be able to use it correctly, be selective, and learn to be critical of each piece of information. At the same time, it is important that the developed platform is inextricably linked with the scientific potential and scientific work of the professor, and that all the information is gathered in one place.

The design of the simulator, which determines the scientific potential of the professor-teacher, is designed for use in the form of a web application, which allows any user to work on this system in the area where the Internet is available at any time. In this online platform, each module, that is, each of them in an unrestricted way, encourages the user, ie the professor, to work in a controlled and effective way as a teacher and researcher or administrator.
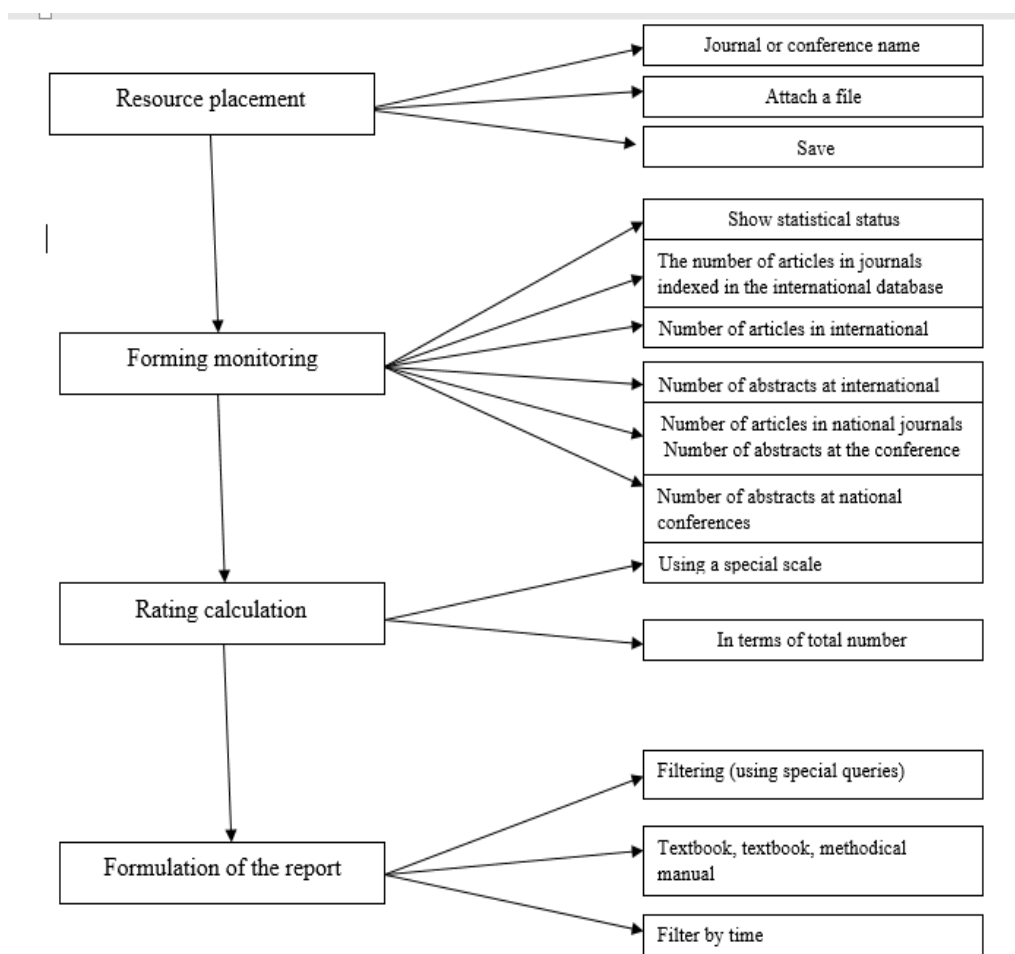

Figure 1. The scheme of formation and monitoring of the scientific rating of professors and teachers.

Development of a systematic algorithm and software for the formation and monitoring of the scientific rating of professors and teachers, and the design of its simulator in the scheme of Figure 1. , filtering reports and improving mechanisms and developing its mechanisms, as well as a model based on this simulator, as well as a user-friendly window when the report button is clicked, and a reporting and monitoring system is formed without leaving a single interface window, then it will also be possible to view the results, print and analyze the data.

The program also has an access part, ie a registration part, which generates an authorization login password for the user, which allows the user to work on the platform by logging in with a single login password and save their data in the system database. and it is possible to continue the process from where it stopped, the main criterion is that the reporting is done through a thought-provoking system, that is, all the information of the user, ie the professor, is constantly displayed in numerical form. The user will be able to use the hyperlink to save or send a copy of the information in his account to another useful place.[4].

Conclusion

In fact, in conclusion, this system has the ability to mentally monitor the scientific ratings of professors and teachers, facilitate the flow of documents, save time, as well as the correct use of the necessary resources in the information space. This will enable them to make an informed assessment of the effectiveness of their use of different sources and make the right decisions, and will serve as a modern, mature staff with a deep understanding of international standards.

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