

ARTICLE TITLE IN JIIS MUST BE WRITTEN IN UPPERCASE USING ARIAL 14 PT (TITLE)

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ABSTRACT

Abstract must be written in English using Arial font size 10 pt in italic format and presented in a single paragraph with a maximum length of 200 words. The abstract should clearly describe the background of the study, research objectives, methods used, main findings, and conclusions. The content must be concise, informative, and reflect the core contribution of the research. If the manuscript is written in Indonesian, the abstract must be provided in both English and Indonesian. However, if the manuscript is written in English, only the English abstract is required.

Keywords: keyword1; keyword2; keyword3 (3-5 word)

INTRODUCTION (HEADING 1)

Journal of Informatics and Intelligent Systems (JIIS) is a peer-reviewed scientific journal that publishes original research articles in the fields of Informatics, Intelligent Systems, Artificial Intelligence, Data Science, Software Engineering, Information Systems, and other related areas. Submitted manuscripts must present original research findings, must not have been previously published, and must not be under consideration for publication in any other journal.

Manuscripts may be written in English or Indonesian, following proper academic writing conventions and standard grammar. The purpose of the manuscript is to communicate scientific contributions in a clear, systematic, and well-structured manner.

Manuscripts should be prepared on A4-sized paper with margins of 3 cm (left), 2.5 cm (right), 2.5 cm (top), and 2.5 cm (bottom) using a single-column layout. The manuscript length should be 6–12 pages, including references, with 1.15 line spacing. The article title must accurately reflect the content of the research, be concise and informative, and be written entirely in uppercase letters. Authors' names should be written in full without academic titles and accompanied by their institutional affiliations.

The introduction should present the research background, problem statement, literature review, research gap, novelty, and research objectives. Relevant references should be used to support the discussion and demonstrate the significance of the study. The final paragraph of the introduction should clearly state the objectives and expected contributions of the research.

RESEARCH METHODE

A. General Guidelines (Heading 2)

The manuscript should be organized systematically using the following main sections: **Introduction, Research Method, Results and Discussion, Conclusion, and References**. Each section should be presented clearly and consistently to facilitate readers in understanding the research process and findings.

Subheadings should be written in **bold** and aligned to the **left**. The use of lower-level subheadings should be limited and applied only when necessary to improve the clarity and organization of the manuscript.

The **Research Method** section should provide a clear and comprehensive description of the research design, research object or dataset, materials and instruments (if applicable), data collection procedures, methods or algorithms employed, and data analysis techniques. For system development studies, authors should also describe the software development methodology (e.g., Waterfall,

Prototype, Agile, Scrum, or other relevant methods) and system evaluation procedures. The methodology should be presented in a scientific, systematic, and reproducible manner so that the research can be replicated by other researchers.

B. Tables and Figures

Tables and figures should be used to present data clearly and effectively. Every table and figure **must be cited and discussed in the main text** before it appears.

Table contents should be written in **Arial 9 pt** with single line spacing. Table titles should be written in **Arial 9 pt, bold**, centered, and placed **above the table**. Tables should be designed using only **horizontal lines**, including the top and bottom borders of the column headings and the bottom border of the last row. Vertical lines should not be used. Tables must be numbered consecutively using **Arabic numerals** (Table 1, Table 2, Table 3, etc.).

Table 1. Journals Published at Hafshawaty Zainul Hasan University

No	Jurnal	Fakultas
1	Jl-KES	Kesehatan
2	JlIS	FIPE

Figures must be of high quality and sufficient resolution. Blurred or low-resolution figures are not acceptable. Figures should be placed immediately after they are first referenced in the manuscript and centered within the page. Large figures may occupy the full page width when necessary.

Figures must be numbered consecutively using **Arabic numerals** (Figure 1, Figure 2, Figure 3, etc.). Figure captions should be written in **Arial 9 pt, bold**, centered, and placed **below the figure**. If a figure has been previously published, the original source must be acknowledged in the figure caption.

An example of figure formatting is shown below.

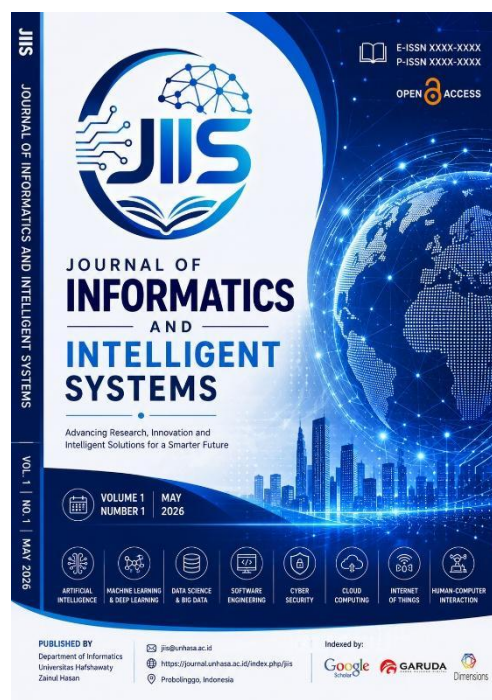


Figure 1. Cover Jurnal JIIS Vol. 5

C. Equation Formatting

All equations should be **center-aligned** and numbered consecutively using **Arabic numerals** enclosed in parentheses. The equation number should be placed flush with the **right margin**.

Equations must be created using the **Equation Editor** available in **Microsoft Word** or **LibreOffice/OpenOffice** to ensure consistency in formatting and readability. Variables and mathematical symbols should be clearly defined when they first appear in the manuscript.

An example of equation formatting is shown below.

$$Y = a + b \quad (1)$$

D. Citation and Reference

All citations within the manuscript must follow the IEEE citation style (numbering system). Authors are required to use a reference management tool such as Mendeley, EndNote, Zotero, or other similar software to ensure consistency and accuracy in citation and reference formatting.

In-text citations should be presented using sequential numbers enclosed in square brackets, for example [1], [2], [3], and [4]. Multiple references may be cited together when appropriate, such as [2], [3], [4].

Each manuscript must include at least 12 references, with a minimum of 80% consisting of primary sources, such as articles published in peer-reviewed journals or conference proceedings that are directly relevant to the research topic and have been published within the last five years. The remaining 20% may consist of secondary sources, including textbooks, official standards, technical reports, or reputable websites.

Authors are responsible for ensuring that all references cited in the text are included in the reference list and that all entries are complete, accurate, and formatted according to the IEEE referencing style.

RESULT AND DISCUSSION

The Results and Discussion section presents the research findings and provides a comprehensive scientific interpretation of the results. This section should clearly describe the significant findings obtained from the research or system development, supported by sufficient and relevant data. The focus should be on the scientific contributions rather than merely presenting raw data, which may be provided as supplementary material if necessary.

Authors are expected to explain the findings scientifically by addressing questions such as: What are the main findings of the study? Why did these findings occur? What factors influenced the observed results or trends? The discussion should provide logical and evidence-based explanations rather than simple descriptive statements. Whenever appropriate, the interpretation should be supported by relevant theories, models, or scientific principles.

Furthermore, the discussion should relate the findings to existing concepts, theories, and previous studies. Authors should compare their results with those reported in the literature, highlighting similarities, differences, improvements, limitations, and the novelty of the proposed approach. The scientific contribution and practical implications of the research should also be clearly emphasized.

Tables, figures, graphs, and other visualizations may be included to improve the presentation of the results. However, all visual elements must be clearly referenced and discussed within the text.

CONCLUSION

The **Conclusion** should clearly present the answers to the research objectives and/or hypotheses, as well as summarize the main scientific findings of the study. Rather than repeating the results and discussion, this section should highlight the key contributions and the significance of the research in a concise and coherent manner.

The conclusion should emphasize how the research objectives have been achieved and describe the scientific or practical implications of the findings. When appropriate, authors may also provide recommendations or suggest directions for future research based on the limitations or opportunities identified during the study.

The conclusion must be written as a continuous paragraph. The use of numbering, bullet points, or itemized lists is not permitted in this section. In addition, subsections (e.g., A. Conclusion, B. Suggestions) are not allowed.

ACKNOWLEDGEMENTS (OPTIONAL)

The Acknowledgements section is optional and may be used to express appreciation to individuals, institutions, or organizations that have contributed significantly to the completion of the research but do not meet the criteria for authorship.

Authors may acknowledge research funding agencies, academic institutions, research collaborators, technical assistants, data collectors, laboratory staff, or experts who have provided valuable comments, suggestions, or other forms of support during the research and manuscript preparation.

Any financial support received for the research should also be clearly stated in this section, including the name of the funding institution and, where applicable, the grant or contract number.

REFERENCE

- [1] S. Permana, Rosadi, and Nikki, "Application Of Classification Algorithm For Sales Prediction," *TEKNOKOMJurnal Teknol. dan Rekayasa Sist. Komput.*, vol. 5, no. 2, pp. 119–124, 2022, doi: <https://doi.org/10.31943/teknokom.v5i2.77>.
- [2] M. E. Iswanto, M. U. Siregar, S. 'Uyun, and M. T. Nuruzzaman, "Recommender systems for specializing new students in the K-13 curriculum using the profile matching, SAW, and a combination of both," *J. Teknol. dan Sist. Komput.*, vol. 9, no. 2, pp. 96–105, Apr. 2021, doi: 10.14710/jtsiskom.2021.13902.
- [3] Kusri, *Konsep dan Aplikasi Sistem Pendukung Keputusan*, I. Yogyakarta: CV. Andi Offset, 2007.
- [4] Joko Suntoro, *Data Mining Algoritma dan Implementasi dengan Pemrograman PHP*, 1st ed. Jakarta: PT Elex Media Komputindo, 2019.