

# A Comparative Study of Privacy Protection Methods for Smart Home Environments

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## Abstract

The abstract is to be in fully-justified italicized text as it is here, below the author information. *The abstract consist of: aim of study, research methodology, result, and conclusion or implication. Use the word "Abstract" as the title, in 11-point Cambria, boldface type, centered relative to the column, initially capitalized. The abstract is to be in 10-point, single-spaced type, and may be up to 3 in. (18 picas or 7.62 cm) long. Leave two blank lines after the abstract, and then begin the main text. All manuscripts must be in English or Indonesia.*

**Keywords:** *minimum 3 keywords, comma between keywords*

## 1. Introduction

Congratulations! Your paper has been accepted for journal publication. Please follow the steps outlined below when submitting your final draft to the XXXX Press. These guidelines include complete descriptions of the fonts, spacing, and related information for producing your proceedings manuscripts [1]. Your paper must be 5 - 12 pages. Make sure to use an IMRAD CAR structure of paper which consists of Introduction, Method, Results and Discussion, Conclusion, and References. Introduction should consist of the results from previous studies (literature review), aim of the study, gap from existing literature (specific contribution), the scope of study [2]. The proportion of introduction is 15% - 20% of the whole article length

## 2. Methodology

All printed material, including text, illustrations, and charts, must be kept within the parameters of the 8 15/16-inch (53.75 picas) column length and 5 15/16-inch (36 picas) column width. Please do not write or print outside of the column parameters. Margins are 3.5 cm on the left side, 3 cm on the right, 2 cm on the top, and 3 cm on the bottom. Paragraph using single spacing at 1 cm. Paper orientation in all pages should be in portrait style [3]. The method consist of research design, subject characteristics, data collection process and data analysis need to be refined.

### 3. Results and Discussion

**The discussion should be supported by references.** The main title (on the first page) should begin 1 3/16 inches (7 picas) from the top edge of the page, centered, and in **Cambria 16-point, boldface** type. **Capitalize the first letter** of nouns, pronouns, verbs, adjectives, and adverbs; do not capitalize articles, coordinate conjunctions, or prepositions (unless the title begins with such a word) (*e.g.* **A Comparative Study of Privacy Protection Methods for Smart Home Environments**). Please initially capitalize only the first word in other titles, including section titles and first, second, and third-order headings (for example, “Titles and headings” — as in these guidelines). **Make sure that all tables and figures have good readability level.** Leave two blank lines after the title [4].

#### 3.1. Tables

Place tables as close as possible to the text they refer to and aligned **center**. A table is labeled *Table* and given a number (*e.g.*, **Table 1. Sample Datasheet with Attributes in Linguistic Term**) it should be numbered consecutively. The table label and caption or title appears **12pt space above** the table, **6pt space after** the text or paragraph if any; it should be uniform fonts and font size, and use **11pt font size** and **Cambria style, capitalized** similar to paper title, aligned **center** and **bold** face. Sources and notes appear below the table, aligned left. All tables must be in portrait orientation.

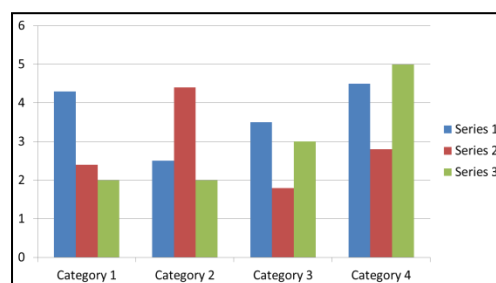
Table 1. Table label

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#### 3.2. Figures

Place figures as close as possible to the text they refer to and aligned center. Photos, graphs, charts or diagram should be labeled *Figure* (do not abbreviate) and appear **6pt space below** the figure, **12pt space before** the next text or paragraph, and assigned a number consecutively. The label and title should be in line with the figure number (*e.g.*, **Figure 1. Location Error Rate of Three Schemes**), it should be uniform fonts and font size; use **11pt font size** and **Cambria style, capitalized** similar to paper title, aligned **center** and **bold** face. Source (if any) appear underneath, flush left. Figures should be at good enough quality. Minimum image dimensions are 6 cm (2.3622 in) wide by 6 cm (2.3622 in) high.



Source : .....

**Figure 1.** Figure label

#### 3.3. Equations

Including symbols and equations in the text, the variable name and style must be consistent with those in the equations. Equations should be indented at the left margin and numbered at the right margin, equation number is enclosed with open and close parenthesis () **Cambria** in style and **11pt font size**. Define all symbols the first time they are used. All equation symbols must be defined in a clear and understandable way.

$$\varphi_{\mu\nu}(z) = \frac{\|k_{\mu\nu}\|^2}{\sigma^2} e^{-\frac{\|k_{\mu\nu}\|^2 \|z\|^2}{\sigma^2}} [e^{ik_{\mu\nu}z} - e^{-\frac{\sigma^2}{2}}] \quad (1)$$

### 3.4. First-order Headings

For example, “**1. Introduction**”, should be **Cambria 13- font size boldface**, initially **capitalized**, flush **left**, with one blank line before, and one blank line after.

#### 3.4.1. Second-order Headings (Sub-heading)

As in this heading, they should be **Cambria 12-font size boldface**, initially **capitalized**, flush **left**, with one blank line before, and one after.

##### 3.4.1.1. Third-order Headings:

Third-order headings, as in this paragraph, are discouraged. However, if you must use them, use **11-point Cambria, boldface**, initially **capitalized**, flush **left**, and preceded by one blank line, followed by a colon and your text on the same line.

## 4. Conclusion

Provide a statement that what is expected, as stated in the "Introduction" chapter to the "Results and Discussion" chapter, so that there is compatibility. In addition, prospects for developing research results and prospects for implementing further research (based on results and discussion) can also be added. Drawing conclusions can produce new findings that are outlined accurately and in depth. New findings can be in the form of theories, postulates, formulas, rules, methods, models, prototypes, or equivalent. **Conclusions must be in accordance with the research objectives.** Conclusions must be supported by sufficient research data. It is also possible to add implications or suggestions at the end of the Conclusion. Do not divide between the Conclusions section and the Suggestions section. **It is recommended to write it in the form of descriptive paragraphs, not in the form of bullet numbering.**

## References

List and number all bibliographical references that has important contribution on the paper, (if possible, **limit to 30**, which only are necessary citations are recommended). **9-point Cambria**, fully **justified, single-spaced**, at the end of your paper. **When referenced in the text, enclose the citation number in square brackets, for example [1]. Use format IEEE Style.** Do not abbreviate the months. Don't forget to put period (.) at the end of each reference. (See examples below). **Do not use the phrases "et al." and "ibid." in the references section.** Instead, the **names of all authors in a references must be listed.** The minimum number of your references **is 10 and published not more than 10 years.**

- [1] C. D. Scott and R. E. Smalley, "Diagnostic Ultrasound: Principles and Instruments", Journal of Nanosci. Nanotechnology, vol. 3, no. 2, (2003), pp. 75-80. (journal)

- [2] H. S. Nalwa, "Magnetic Nanostructures", American Scientific Publishers, Los Angeles, **(2003)**. (**book**)
- [3] H. V. Jansen, N. R. Tas and J. W. Berenschot, "Encyclopedia of Nanoscience and Nanotechnology", Edited H. S. Nalwa, American Scientific Publishers, Los Angeles, vol. 5, **(2004)**, pp. 163-275. (**chapter in book**)
- [4] J. Kimura and H. Shibasaki, "Recent Advances in Clinical Neurophysiology", Proceedings of the 10th International Congress of EMG and Clinical Neurophysiology, **(1995)**, pp. 75-80. (**conference**)
- [5] C. E. Larsen, R. Trip and C. R. Johnson, "Methods for procedures related to the electrophysiology of the heart", **(1995)**, <https://patentimages.storage.googleapis.com/00/d0/29/c2c9fb738c9e05/US5529067.pdf>. (**website**)