Autonomic Computing Research Paper

\*Note: Sub-titles are not captured in Xplore and should not be used

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*Abstract*—A summary of the contents of this report

Keywords—component, formatting, style, styling, insert (key words)

# Introduction (*Heading 1*)

This section will hold an overview of the topic area. What is the area? Why is it important? What aspects of the area are well covered in this report?

As a reminder, we are asked to: consider an application, application area, system, or system of systems or an information system (henceforth referred to as a system). Conduct a literature review on the current state of the area of your chosen system, submitting a critical review, with detailed citations throughout. Highlight current restrictions, design an autonomic solution for your system. Also, critically comment on the potential ethical implications of this advanced.

# MAin body of report

## Selecting a Template (Heading 2)

The structure of the main body of the report will vary, depending on the approach taken. In general, it will consist of sub-headings which discuss key elements of the topic. Some suggestions for areas to include are: What is the state of the art of the area? Who are the stakeholders in this area, and what do they use it for? What are the benefits of this area? What are the limitations, disadvantages, or considerations in this area? What is the history of the area? What are the real-world use cases in this area? What are the current trends, and where is it predicted to be in the next few years? Then suggest what AC components/solutions would help with self-managing this area.

## Maintaining the Integrity of the Specifications

Above is another example of a sub-heading

##### References

The template will number citations consecutively within brackets [1]. The sentence punctuation follows the bracket [2]. Refer simply to the reference number, as in [3]—do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence: “Reference [3] was the first ...”

Number footnotes separately in superscripts. Place the actual footnote at the bottom of the column in which it was cited. Do not put footnotes in the abstract or reference list. Use letters for table footnotes.

Unless there are six authors or more give all authors’ names; do not use “et al.”. Papers that have not been published, even if they have been submitted for publication, should be cited as “unpublished” [4]. Papers that have been accepted for publication should be cited as “in press” [5]. Capitalize only the first word in a paper title, except for proper nouns and element symbols.

For papers published in translation journals, please give the English citation first, followed by the original foreign-language citation [6].

1. G. Eason, B. Noble, and I. N. Sneddon, “On certain integrals of Lipschitz-Hankel type involving products of Bessel functions,” Phil. Trans. Roy. Soc. London, vol. A247, pp. 529–551, April 1955. *(references)*
2. J. Clerk Maxwell, A Treatise on Electricity and Magnetism, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68–73.
3. I. S. Jacobs and C. P. Bean, “Fine particles, thin films and exchange anisotropy,” in Magnetism, vol. III, G. T. Rado and H. Suhl, Eds. New York: Academic, 1963, pp. 271–350.
4. K. Elissa, “Title of paper if known,” unpublished.
5. R. Nicole, “Title of paper with only first word capitalized,” J. Name Stand. Abbrev., in press.
6. Y. Yorozu, M. Hirano, K. Oka, and Y. Tagawa, “Electron spectroscopy studies on magneto-optical media and plastic substrate interface,” IEEE Transl. J. Magn. Japan, vol. 2, pp. 740–741, August 1987 [Digests 9th Annual Conf. Magnetics Japan, p. 301, 1982].
7. M. Young, The Technical Writer’s Handbook. Mill Valley, CA: University Science, 1989.

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