An awesome paper on an amazing topic

Author1 (University of A1)
Author2 (A2 Institute of Technology)

Abstract

There is the need for an awesome system, so we built one.

Introduction

The intro goes here. We can cite existing work [1] and some more [2–4].

The article can also include links to pages. We can also refer to other sections, for example, see .

Background

Then some background so that people can understand

Our System

The architecture of the system can be seen below (Figure 1).

Figure 1: Our system is fairly simple. It consists of a single rectangle

The high-level features

The article can also tables. And a table listing some things:

Table 1: Here's the caption. It, too, may span multiple lines.

Centered Header	Default Aligned	Right Aligned	Left Aligned
First	row	12.0	Example of a row that spans multiple lines.
Second	row	5.0	Here's another one. Note the blank line between rows.

The Details

Then some details. With some cpp code:

```cpp
#include <iostream.h>

main()
{
    cout << "Hello World!";
    return 0;
}
```

We can also use footnotes[1].

Bibliography

[1] L. Lamport, "Time, clocks, and the ordering of events in a distributed system," *Commun. ACM*, vol. 21, Jul. 1978, pp. 558–565.

[2] J. Gray, R.A. Lorie, G.R. Putzolu, and I.L. Traiger, "Granularity of locks and degrees of consistency in a shared data base," *IFIP working conference on modelling in data base management systems*, 1976, pp. 365–394.

[3] B.W. Lampson, "How to build a highly available system using consensus," *Distributed algorithms*, Ö. Babaoğlu and K. Marzullo, eds., Springer Berlin Heidelberg, 1996, pp. 1–17.

[1] This footnote is for illustration purposes only, don't take it too seriously.

[4] M. Stonebraker and J.M. Hellerstein, *Readings in database systems*, The MIT Press, 1988.