Práctica Final ABP

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**Resumen**

In this paper, we describe the formatting guidelines for ACM SIG Proceedings.

**Palabras clave**

Keywords are your own designated keywords separated by semicolons (“;”).

# Introducción

El objetivo principal del proyecto se basa en la creación de una aplicación que nos permita reconocer y gestionar rostros de personas, con el fin de llevar a cabo un control de acceso a un determinado lugar.

Para ello, es necesario diseñar una arquitectura que gestione las imágenes captadas por una cámara en tiempo real o de manera predeterminada.

El diseño de la arquitectura se va a basar en la utilización de los servicios que nos proporciona Amazon Web Services (AWS en adelante), dado que nos permite cubrir toda la casuística pertinente. Además, dado que se nos impone la restricción de realizar el proyecto empleando máquinas virtuales (VM en adelante), se utilizará EC2 de AWS por estar basado en instancias de VMs.

# Componentes

All material on each page should fit within a rectangle of 18 × 23.5 cm (7" × 9.25"), centered on the page, beginning 1.9 cm (0.75") from the top of the page and ending with 2.54 cm (1") from the bottom. The right and left margins should be 1.9 cm (.75").

Please use a 9-point Times Roman font, or other Roman font with serifs, as close as possible in appearance to Times Roman in which these guidelines have been set. The goal is to have a 9-point text, as you see here. Please use sans-serif or non-proportional fonts only for special purposes, such as distinguishing source code text. If Times Roman is not available, try the font named Computer Modern Roman. On a Macintosh, use the font named Times. Right margins should be justified, not ragged.

## Title and Authors

The title (Helvetica 18-point bold), authors' names (Helvetica 12-point) and affiliations (Helvetica 10-point) run across the full width of the page – one column wide. We also recommend phone number (Helvetica 10-point) and e-mail address (Helvetica 12-point). See the top of this page for three addresses. If only one address is needed, center all address text. For two addresses, use two centered tabs, and so on. For more than three authors, you may have to improvise.[[1]](#footnote-1)

## First Page Copyright Notice

Please leave 3.81 cm (1.5") of blank text box at the bottom of the left column of the first page for the copyright notice.

## Subsequent Pages

For pages other than the first page, start at the top of the page, and continue in double-column format. The two columns on the last page should be as close to equal length as possible.

Table 1. Table captions should be placed above the table

|  |  |  |  |
| --- | --- | --- | --- |
| **Graphics** | **Top** | **In-between** | **Bottom** |
| Tables | End | Last | First |
| Figures | Good | Similar | Very well |

## References and Citations

Footnotes should be Times New Roman 9-point, and justified to the full width of the column.

Use the “ACM Reference format” for references – that is, a numbered list at the end of the article, ordered alphabetically and formatted accordingly. See examples of some typical reference types, in the new “ACM Reference format”, at the end of this document. Within this template, use the style named *references* for the text. Acceptable abbreviations, for journal names, can be found here: <http://library.caltech.edu/reference/abbreviations/>. Word may try to automatically ‘underline’ hotlinks in your references, the correct style is NO underlining.

The references are also in 9 pt., but that section (see Section 7) is ragged right. References should be published materials accessible to the public. Internal technical reports may be cited only if they are easily accessible (i.e. you can give the address to obtain the report within your citation) and may be obtained by any reader. Proprietary information may not be cited. Private communications should be acknowledged, not referenced (e.g., “[Robertson, personal communication]”).

## Page Numbering, Headers and Footers

Do not include headers, footers or page numbers in your submission. These will be added when the publications are assembled.

# Argumentación teórica

Place Tables/Figures/Images in text as close to the reference as possible (see Figure 1). It may extend across both columns to a maximum width of 17.78 cm (7”).

Captions should be Times New Roman 9-point bold. They should be numbered (e.g., “Table 1” or “Figure 2”), please note that the word for Table and Figure are spelled out. Figure’s captions should be centered beneath the image or picture, and Table captions should be centered above the table body.

Extensión: Debido a la nueva ley aprobada ¿cómo gestionarías el control de los edificios?

Opciones arquitectónicas: ¿Hasta donde esalarías?

# Métricas

Las métricas que temenos que estudiar son:

* Tiempo de despliegue
* Uso de recursos (AWS)
* Prueba de carga (Locust)
* Coste (Cloudcraft)

## Subsections

The heading of subsections should be in Times New Roman 12-point bold with only the initial letters capitalized. (Note: For subsections and subsubsections, a word like *the* or *a* is not capitalized unless it is the first word of the header.)

### Subsubsections

The heading for subsubsections should be in Times New Roman 11-point italic with initial letters capitalized and 6-points of white space above the subsubsection head.

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# Conclusiones y trabajo futuro

Our thanks to ACM SIGCHI for allowing us to modify templates they had developed.

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1. [↑](#footnote-ref-1)