

# Especificação do Projeto da Disciplina Laboratório de Programação Web - MATC84 Colé de Merma do RU

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***Abstract.** This document describes the specifications of Laboratório de Programação Web class project. The project intend to solves a problematic, that university community faces in nowadays, in yours most basic rights, the alimentation rights.*

***Resumo.** Este documento descreve as especificações do projeto da disciplina Laboratório de Programação Web. O projeto visa desenvolver uma solução voltada para a problemática vivenciada pela comunidade universitária, no seu mais básico direito, à alimentação.*

## 1. Introdução

Na constituição de 1988, foi assegurado aos brasileiros, o direito a alimentação, previsto no Art. 6, parágrafo único, sessão 2, . Entretanto a comunidade universitária enfrente hoje, dificuldades relacionadas ao uso do restaurante universitário. Como a baixa qualidade da alimentação, pouca disponibilidade de fichas, além de um cardápio que não agrada a comunidade e eventualmente contém anomalias. Portanto, este trabalho tem como objetivo a criação de uma rede social colaborativa, para propiciar a comunidade acadêmica, uma meio de comunicação rápida, a respeito dos eventos diários no restaurante universitário.

## 2. Sistema Proposto

The first page must display the paper title, the name and address of the authors, the abstract in English and “resumo” in Portuguese (“resumos” are required only for papers written in Portuguese). The title must be centered over the whole page, in 16 point boldface font and with 12 points of space before itself. Author names must be centered in 12 point font, bold, all of them disposed in the same line, separated by commas and with 12 points of space after the title. Addresses must be centered in 12 point font, also with 12 points of space after the authors’ names. E-mail addresses should be written using font Courier New, 10 point nominal size, with 6 points of space before and 6 points of space after.

The abstract and “resumo” (if is the case) must be in 12 point Times font, indented 0.8cm on both sides. The word **Abstract** and **Resumo**, should be written in boldface and must precede the text.

### 2.1. Requisitos

The subsection titles must be in boldface, 12pt, flush left.

**2.2. Arquitetura**

The subsection titles must be in boldface, 12pt, flush left.

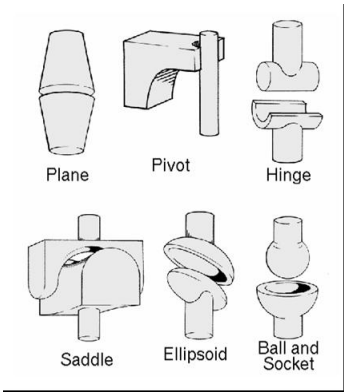
**2.3. Casos de uso**

The subsection titles must be in boldface, 12pt, flush left.

Figure and table captions should be centered if less than one line (Figure 1), otherwise justified and indented by 0.8cm on both margins, as shown in Figure 2. The caption font must be Helvetica, 10 point, boldface, with 6 points of space before and after each caption.



**Figure 1. A typical figure**



**Figure 2. This figure is an example of a figure caption taking more than one line and justified considering margins mentioned in Section ??.**

In tables, try to avoid the use of colored or shaded backgrounds, and avoid thick, doubled, or unnecessary framing lines. When reporting empirical data, do not use more decimal digits than warranted by their precision and reproducibility. Table caption must be placed before the table (see Table 1) and the font used must also be Helvetica, 10 point, boldface, with 6 points of space before and after each caption.

**Table 1. Variables to be considered on the evaluation of interaction techniques**

	Chessboard top view	Chessboard perspective view
Selection with side movements	6.02 $\pm$ 5.22	7.01 $\pm$ 6.84
Selection with in- depth movements	6.29 $\pm$ 4.99	12.22 $\pm$ 11.33
Manipulation with side movements	4.66 $\pm$ 4.94	3.47 $\pm$ 2.20
Manipulation with in- depth movements	5.71 $\pm$ 4.55	5.37 $\pm$ 3.28

### 3. Conclusão

All images and illustrations should be in black-and-white, or gray tones, excepting for the papers that will be electronically available (on CD-ROMs, internet, etc.). The image resolution on paper should be about 600 dpi for black-and-white images, and 150-300 dpi for grayscale images. Do not include images with excessive resolution, as they may take hours to print, without any visible difference in the result.

### 4. References

Bibliographic references must be unambiguous and uniform. We recommend giving the author names references in brackets, e.g. [Knuth 1984], [Boulic and Renault 1991], and [Smith and Jones 1999].

The references must be listed using 12 point font size, with 6 points of space before each reference. The first line of each reference should not be indented, while the subsequent should be indented by 0.5 cm.

#### References

- Boulic, R. and Renault, O. (1991). 3d hierarchies for animation. In Magnenat-Thalmann, N. and Thalmann, D., editors, *New Trends in Animation and Visualization*. John Wiley & Sons Ltd.
- Knuth, D. E. (1984). *The T<sub>E</sub>X Book*. Addison-Wesley, 15th edition.
- Smith, A. and Jones, B. (1999). On the complexity of computing. In Smith-Jones, A. B., editor, *Advances in Computer Science*, pages 555–566. Publishing Press.