MASTER OF SCIENCE IN NEUROTECHNOLOGY

MASTER´S THESIS

TITLE OF THE THESIS

AUTHOR´S NAME

20XX

MASTER OF SCIENCE IN NEUROTECHNOLOGY

MASTER´S THESIS

**Title:** ……………….

**Author:** …………………….

**Technical Supervisor:** ……………….

**Academic Supervisor:** ………………

**Department:** …………

MEMBERS OF THE EXAMINATION COMMITTEE

**President:**  ……………

**Member:**  ……………

**Secretary:**  ……………

**Substitute:**  ……………

The above-named members of the panel agree to grant the qualification of: ………

Madrid, … ……………… 20…

**UNIVERSIDAD POLITÉCNICA DE MADRID**

**ESCUELA TÉCNICA SUPERIOR**

**DE INGENIEROS DE TELECOMUNICACIÓN**

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RESUMEN

Número máximo de palabras: 500…

summary

Maximum number of words: 500…

PALABRAS CLAVE

Deben reflejar el contenido del trabajo y deberían servir para localizar el TFM mediante búsqueda bibliográfica.

KEYWORDS

They must accurately reflect the content of the work and should help locate the Master´s Thesis through a bibliographic search.

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# INTRODUCTION AND OBJECTIVES

## INTRODUCTION

(From this page, the maximum recommended number of pages is 60, not counting the annexes)

## OBJETIVES

…

# DEVELOPMENT

This is an example of a citation to a bibliographic reference [1]…

# RESULTS

….

# CONCLUSIONS AND FUTURE WORKS

## CONCLUSIONS

…

## FUTURE WORKS

…

# ETHICAL, ECONOMIC, SOCIETAL AND ENVIRONMENTAL ASPECTS

The Master's Thesis regulations state that the thesis must demonstrate an awareness of the responsibility involved in the practical application of engineering, including its social and environmental impact, a commitment to professional ethics, adherence to engineering practice regulations, as well as knowledge of project management practices, risk management, and mitigation procedures, while understanding their limitations.

This mandatory annex of the TFT will be concise and will include the following sections

## 5.1 INTRODUCTION

Brief description of the project context, objectives, needs it aims to address, or problems it seeks to solve, focusing on its relationship with identified social, economic, ethical, legal, and/or environmental issues.

## 5.2 DESCRIPTION OF RELEVANT IMPACTS RELATED TO THE PROJECT

Summary of the work carried out in phase 2 of the selection and description of impacts. Present and justify the conclusions reached regarding the most relevant issues related to societal, economic, or environmental sustainability, as well as the main stakeholders identified and considered in subsequent analyses.

## 5.3 DETAILED ANALYSIS OF ONE OF THE PRINCIPAL IMPACTS

Description of the analysis performed.

## 5.4 CONCLUSIONS

Assess the project from an ethical, societal, economic and environmental point of view and justify whether the use of sustainability criteria has contributed or can provide added value to the project.

# FINANCIAL BUDGET

In the regulations of the Master´s Thesis it is established that the Thesis must include a financial budget. As an example, the budget table for a project could be as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **PERSONNEL COSTS (direct costs)** | **Hours** | **Hourly cost** | **Total** |
|  | 360 | 15 € | **5.400 €** |
|  |  |  |  |  |
| **MATERIAL RESROURCES COSTS (direct costs, DC)** | **Purchase price** | **Months of use** | **Depreciation (in years)** | **Total** |
| Personal computer, including software | 1.500,00 € | 6 | 5 | 150,00 € |
| Laster printer | 500,00 € | 6 | 5 | 50,00 € |
| Other equipment |   |   |   |   |
|  |  |  |  |  |
| **TOTAL COSTS OF MATERIAL RESOURCES** | **200,00 €** |
|  |  |  |  |  |
| **GENERAL COSTS (indirect costs, IC)** | 15% | on DC | **840,00 €** |
| **INDUSTRIAL BENEFIT** | 6% | on DC+IC | **336,00 €** |
|  |  |  |  |  |
| **CONSUMABLES** |  |  |  |  |
| Printouts | **100,00 €** |
| Binding | **300,00 €** |
|  |  |  |  |  |
| **SUBTOTAL BUDGET** | **7.176,00 €** |
| **VAT** | 21% | **1.507,00 €** |
|  |  |  |  |  |
| **TOTAL BUDGET** | **8.683,0 €** |

This table could be filled in using a simple spreadsheet like the following:

# BIBLIOGRAPHY

|  |  |
| --- | --- |
| [1]  | «Portal web de la ETSIT UPM,» [En línea]. Available: http://www.etsit.upm.es/. |
| [2]  | P. Taylor, Text-to-Speech Synthesis, Cambridge University Press, 2009.  |
| [3]  | Zen, H., Tokuda, K., & Black, A. W., «Statistical parametric speech synthesis,» *Speech Communication, 51(11),* pp. 1039-1064, 2009.  |
| [4]  | Pardo, J.M., Giménez de los Galanes, F.M., Vallejo, J.A., Berrojo, M.A., Montero, J.M., Enríquez, E., Romero, A., «Spanish text-to-speech, from prosody to acoustics,» de *International Congress of Acoustics*, 1995.  |