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DOC TITLE IN CAPS

MASTER'S THESIS

Directed by Dr. Alberto Blanco Justicia

Master's Degree in Computer Security Engineering and Artificial Intelligence



Tarragona 2023

Acknowledgements

l want to thank... blablabla

Resum

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Resumen

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Abstract

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1 Example title

1.1 Example subtitle

1.1.1 Example subsubtitle

2 Text examples

Example text examp

2.1 Bold & italic text

Bold text

Italic text

2.2 In document refernces

Equation 1

2.3 Other documents refernce

referenced text[1]

2.4 Acronyms & footnotes

ACRONYM1

Footnote²

2.5 Hyperlinks / URLs

Exemple of named hyperlink

 $^{^{1}}$ Acronym text

²Footnote text

3 Example lists

3.1 Unordered list

- Item
- Item
- Item

3.2 Ordered list

- 1. Item
- 2. Item
- 3. Item

4 Equation example

$$a^b = c (1)$$

5 Table example

	API	API	Dificultat	Característiques
	Disponible	Obsoleta		avançades
Camera	1	21	Senzilla	No
$\operatorname{CameraX}$	21	N/A	Senzilla	S í 3
Camera2	21	N/A	Complexa	Sí

Table 1: Comparativa d'APIs de càmera

we van also do something like Figure 1

6 Image example



Figure 1: Logo URV

7 Code snippet example

For all minted listings is required to enable *-shell-escape* on the LATEX executable and have pygments installed

```
import numpy as np

def incmatrix(genl1,genl2):
    m = len(genl1)
    n = len(genl2)
    M = None #to become the incidence matrix
    VT = np.zeros((n*m,1), int) #dummy variable

#compute the bitwise xor matrix
    M1 = bitxormatrix(genl1)
    M2 = np.triu(bitxormatrix(genl2),1)

...
```

Code 1: Code example

8 Diagram examples

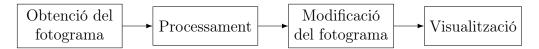


Figure 2: Projecte workflow

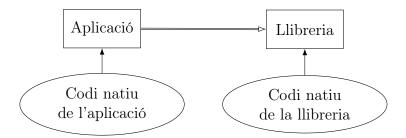


Figure 3: Module dependency

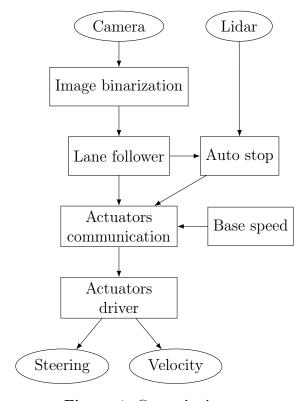


Figure 4: Car nodes layout

References

[1] AUTHOR: Online Title. 2021. - URL https://www.example.com

Appendix A: Apendix example