



Universidade do Minho

Escola de Engenharia

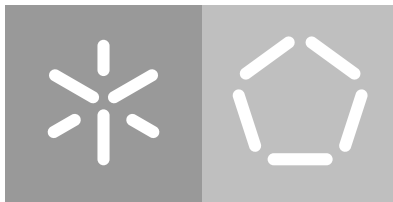
Departamento de Informática

José Carlos Lima Martins

**CLAV:
API de dados e Autenticação**

Relatório de Pré-Dissertação

November 2019



Universidade do Minho

Escola de Engenharia

Departamento de Informática

José Carlos Lima Martins

**CLAV:
API de dados e Autenticação**

Relatório de Pré-Dissertação

Master dissertation

Master Degree in Computer Science

Dissertation supervised by

José Carlos Leite Ramalho

November 2019

AGRADECIMENTOS

Write acknowledgements here

ABSTRACT

Write abstract here (en)

RESUMO

Escrever aqui resumo (pt)

CONTEÚDO

1	INTRODUÇÃO	1
1.1	Contextualização	1
1.2	Motivação	1
1.3	Objetivos	1
2	STATE OF THE ART	2
2.1	Basics/Background/Related work	2
2.2	Summary	2
2.2.1	Conceptual map (Optional)	2
3	THE PROBLEM AND ITS CHALLENGES	3
3.1	Proposed Approach - solution	3
3.1.1	System Architecture	3
4	DEVELOPMENT	5
4.1	Decisions	5
4.2	Implementation	5
4.3	Outcomes	5
4.4	Summary	5
5	CASE STUDIES / EXPERIMENTS	6
5.1	Experiment setup	6
5.2	Results	6
5.3	Discussion	6
5.4	Summary	6
6	CONCLUSION	7
7	CONCLUSION	8
7.1	Conclusions	8
7.2	Prospect for future work	8
A	SUPPORT MATERIAL	9

LISTA DE FIGURAS

Figura 1	caption	4
----------	---------	---

LISTA DE TABELAS

INTRODUÇÃO

1.1 CONTEXTUALIZAÇÃO

1.2 MOTIVAÇÃO

1.3 OBJETIVOS

STATE OF THE ART

State of the art review; related work

2.1 BASICS/BACKGROUND/RELATED WORK

Example of a citation where the author should be cited directly on the text like, the work of ?, on producing L^AT_EX files with BibT_EX references.

Another way of citing without a direct mention to the author can be used like the work done on C language (?).

2.2 SUMMARY

2.2.1 *Conceptual map (Optional)*

You may wish to use the [Concept-Explorer](#) tool.

THE PROBLEM AND ITS CHALLENGES

The problem and its challenges.

3.1 PROPOSED APPROACH - SOLUTION

In this section, it is presented various ways to display an image.

3.1.1 *System Architecture*

A block diagram of the planned system / approach

Here we have an example of inserting an image between the text paragraphs.



Here we have how an image can be wrapped into the text without having surrounding space, and taking advantage of the space to be disposed on the side, without breaking the text readability.

This approach also benefits from the fact that the text will be related implicitly to the image on its side, although it should be referenced on the text anyway, otherwise, it should be consulting to perceive to which paragraph the image is related to.

Here is how we place an image as a floating body. Take in attention that the image is displayed on the next page, because there's no more room in this page.


You can also use an image as an icon, eg. , in the main text. Click on it to visit the website. It is also listed in the list of terms. Another example of an item to appear in the term index:





Figura 1: caption

DEVELOPMENT

4.1 DECISIONS

4.2 IMPLEMENTATION

4.3 OUTCOMES

Main result(s) and their scientific evidence

4.4 SUMMARY

CASE STUDIES / EXPERIMENTS

Application of main result (examples and case studies)

5.1 EXPERIMENT SETUP

5.2 RESULTS

5.3 DISCUSSION

5.4 SUMMARY

CONCLUSION

Conclusions and future work.

6.1 CONCLUSIONS

6.2 PROSPECT FOR FUTURE WORK



SUPPORT MATERIAL

Auxiliary results which are not main-stream; or

Details of results whose length would compromise readability of main text; or

Specifications and Code Listings: should this be the case; or

Tooling: Should this be the case.

NB: place here information about funding, FCT project, etc in which the work is framed. Leave empty otherwise.