



# Edicolab

Milestone 2 - G6 - PI 24/25

**Team:** André Dora, António Alberto,  
Gonçalo Sousa, Hugo Sousa, José Oliveira

**Advisors:** Prof. Dr. Osvaldo Rocha Pacheco, Prof. Dr. João Paulo Silvestre

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# Introduction

1. iForal

2. Edicolab

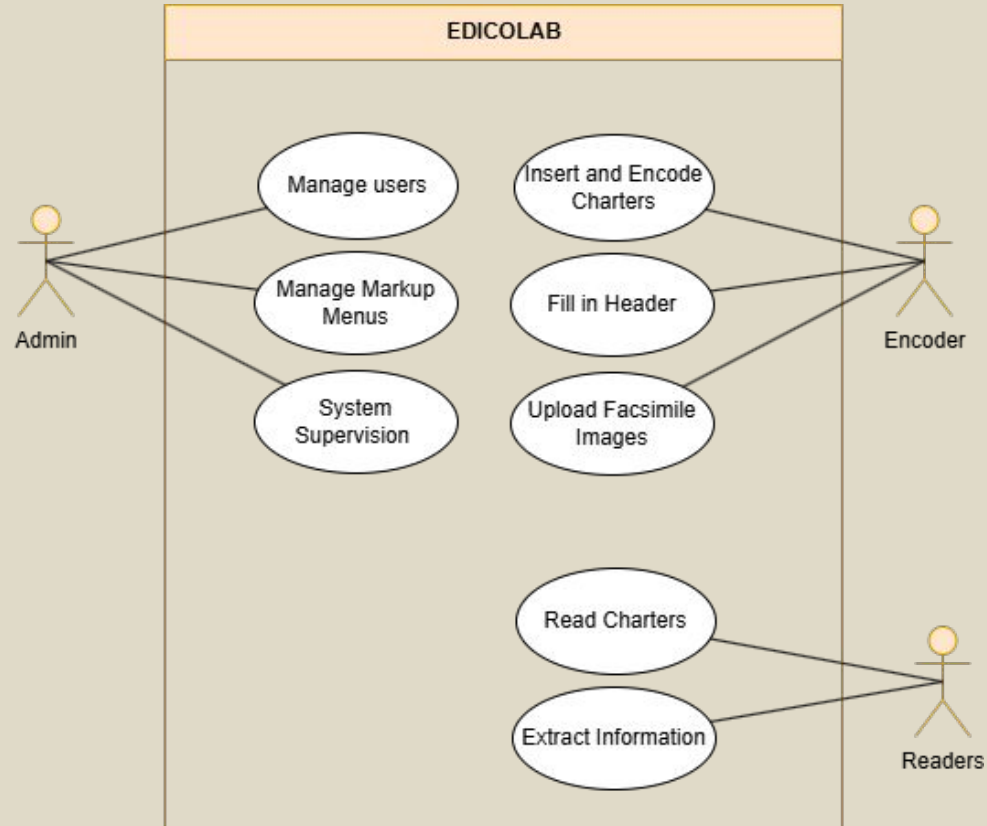
3. TEI-XML



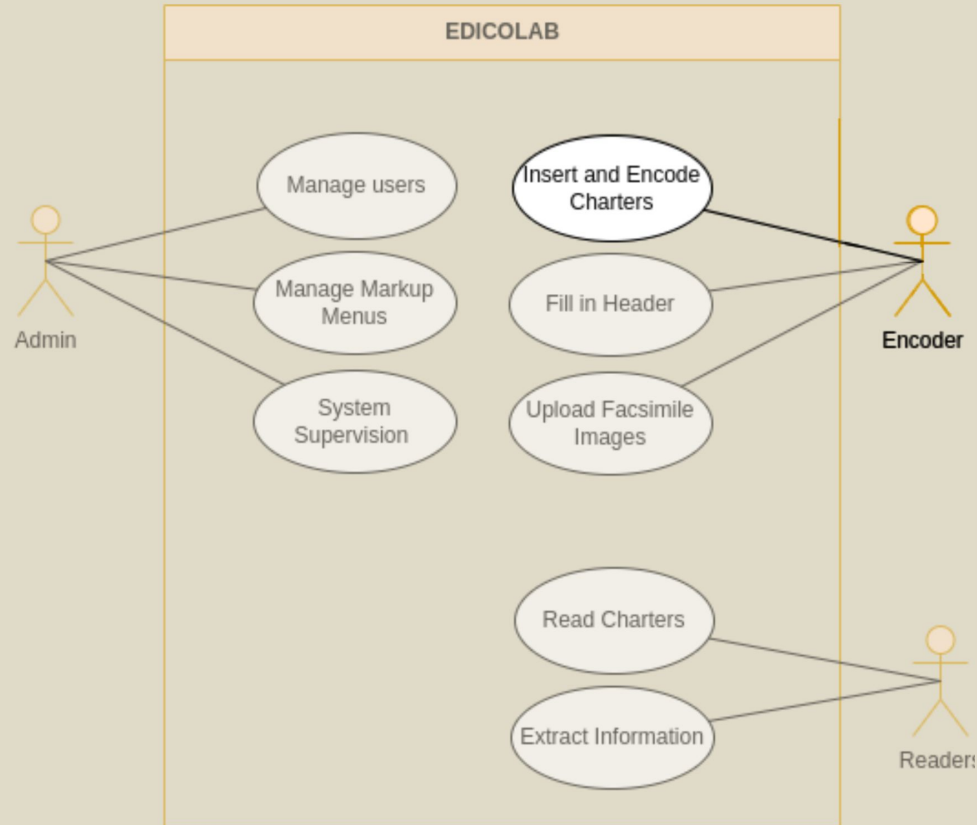
# State of the Art

	Oxygen XML Editor	Menota	Patrimonivm Editor	Edicolab V1	Edicolab V2
TEI Editor	✓	✗	✗	✓	✓
HD document viewer	✗	✓	✓	✓	✓
Glossary	✗	✗	✓	✓	✓
Paleographic and Critic view	✗	✗	✗	✓	✓
Custom Tags	✗	✗	✗	✓	✓
Semantic analysis	✗	✗	✗	✗	✓
Automatic Tag Generation	✗	✗	✗	✗	✓

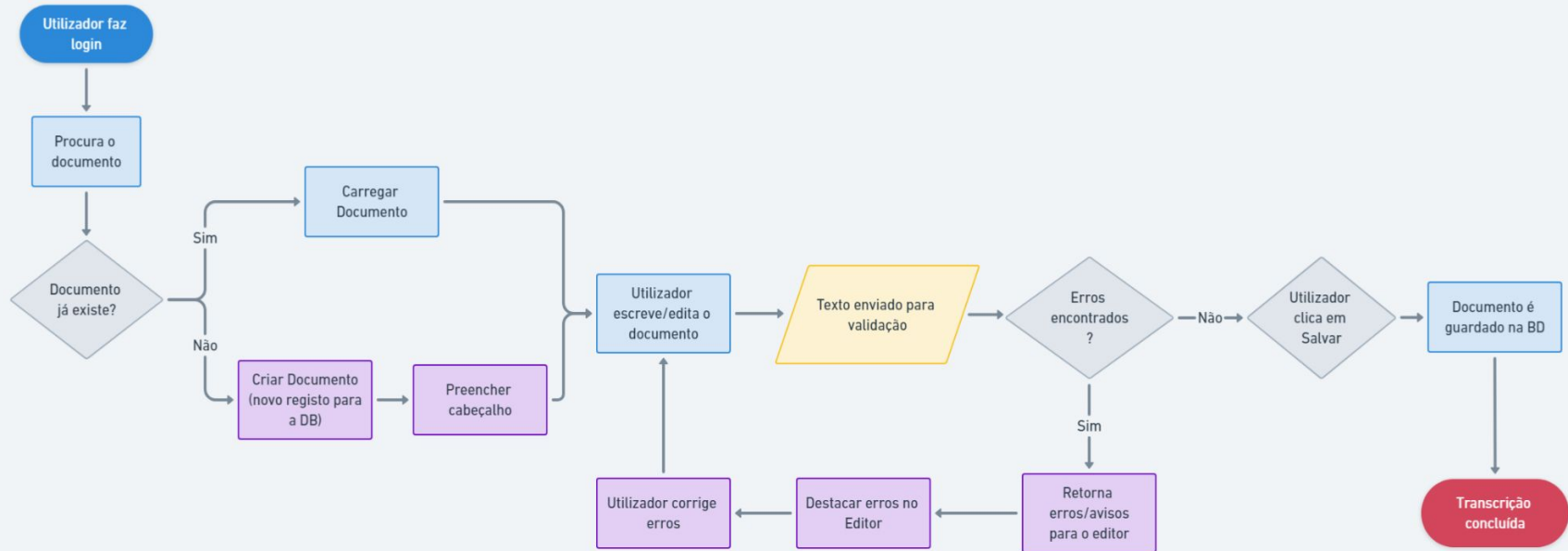
# Actors and Use Cases



# Actors and Use Cases



# FlowChart



# Functional Requirements

RF-7	Suportar a edição direta e indireta do código-fonte de um documento	Alto
RF-8	Validar sintaticamente o código-fonte TEI de um documento aquando da sua edição	Médio

- ❖ Provide multiple validation schemas when creating a document.
- ❖ Allow the construction of different validation schemas that respect the TEI standard.
- ❖ Automatically create tags that structurally depend on others.
- ❖ Semantically validate a document, according to the chosen validation scheme.
- ❖ Show markup errors when editing a TEI document.

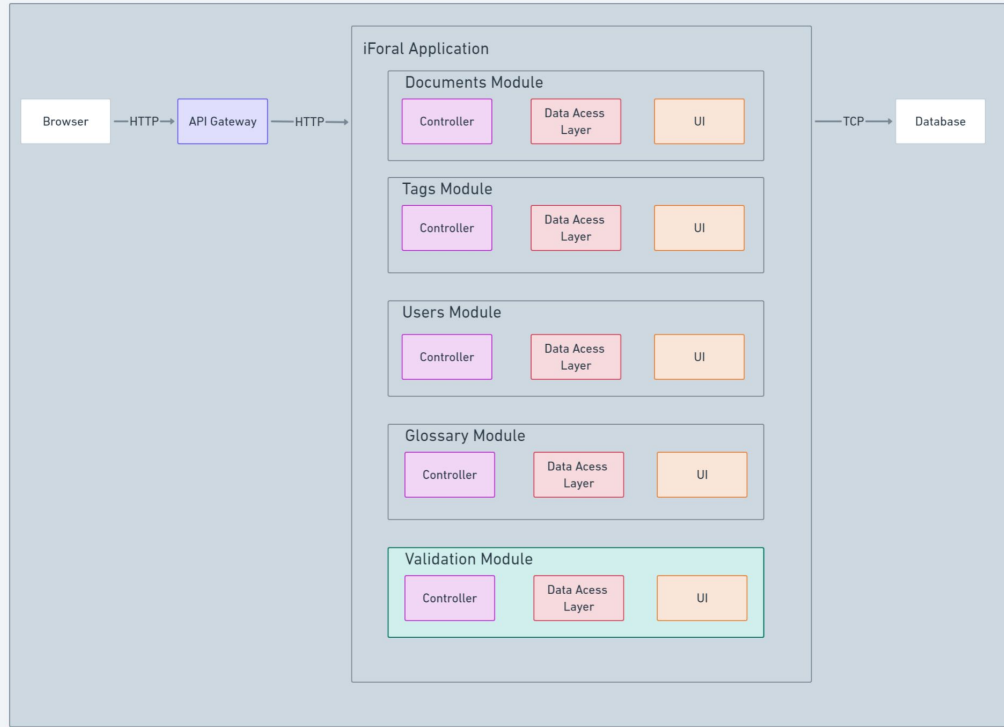


# Non Functional Requirements

Standard requirements  
associated with good  
software engineering  
practices

The existing API  
must communicate  
with the new controller

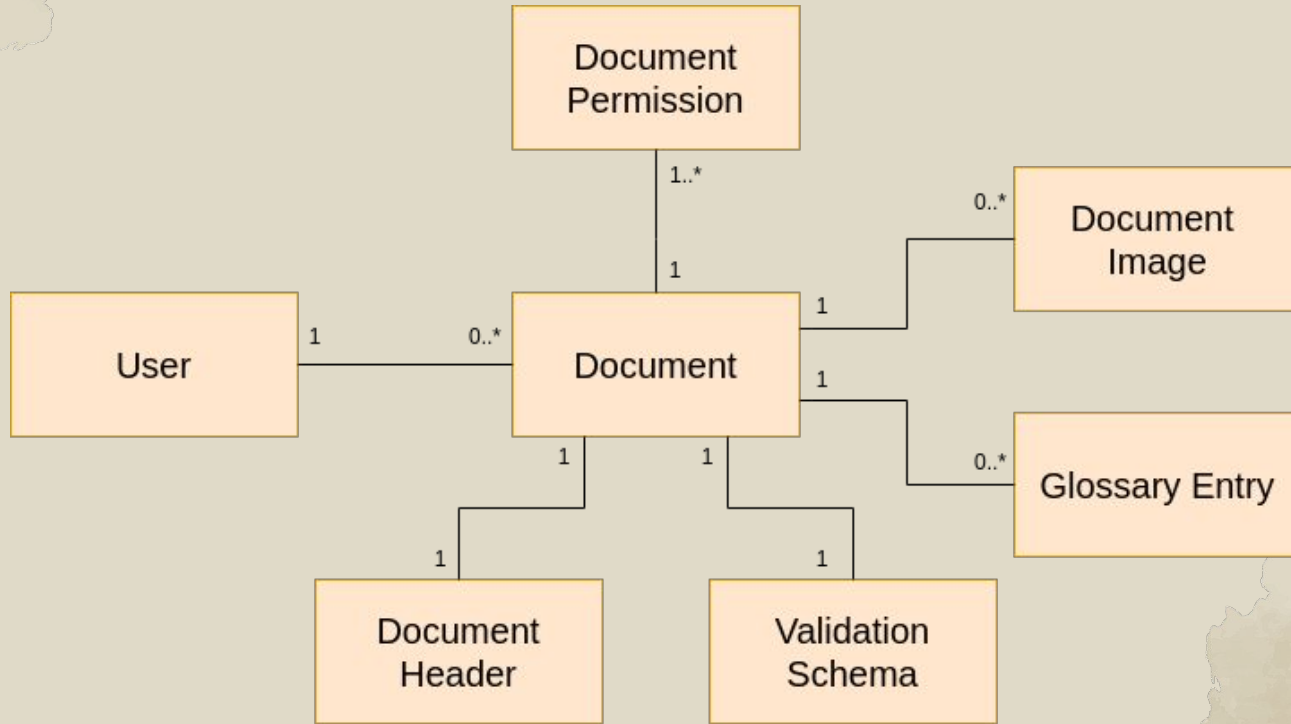
# System Architecture



Addition

Old

# Domain Model



# Low Fidelity Prototypes

## Foral de Barqueiros

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾

```
1 v <text>
2 v <body><div></div>
3   <pb n="29r"/>
4 v <head>
5   <lb/>
6   Aos da uilla de
7 v <choice>
8   <abbr>barqos</abbr>
```

"<div>" requires "<p>" tag

## Foral de Aroche

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾

```
1 v <damage></damage><text>
2 v <body>
3   <pb n="152v"/>
4   <cb n="2"/>
5 v <head>
6   <lb n="42"/>
7   Carta de foro de Arouchi
```

"<damage>" should be inside "<text>"

# Low Fidelity Prototypes

## Edicolab's current version

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾ Nota ▾

```
1_v <text>
2_v <body>
3_v <pb n="14r"/>
4_v <div type="lawsAndDuties">
5_v <p>
6_v <lb n="11"/>
7
8
9
10
11
12
13
```

Abreviatura  
Expansão  
Escolha

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾ Nota ▾

```
1_v <text>
2_v <body>
3_v <pb n="14r"/>
4_v <div type="lawsAndDuties">
5_v <p>
6_v <lb n="11"/>
7_v <choice></choice>
8
9
10
11
12
```

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾ Nota ▾

```
1_v <text>
2_v <body>
3_v <pb n="14r"/>
4_v <div type="lawsAndDuties">
5_v <p>
6_v <lb n="11"/>
7_v <choice></choice>
8
9
10
11
12
```

Abreviatura  
Expansão  
Escolha

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾ Nota ▾

```
1_v <text>
2_v <body>
3_v <pb n="14r"/>
4_v <div type="lawsAndDuties">
5_v <p>
6_v <lb n="11"/>
7_v <choice><abbr></abbr></choice>
8
9
10
11
12
```

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾ Nota ▾

```
1_v <text>
2_v <body>
3_v <pb n="14r"/>
4_v <div type="lawsAndDuties">
5_v <p>
6_v <lb n="11"/>
7_v <choice><abbr></abbr></choice>
8
9
10
11
12
```

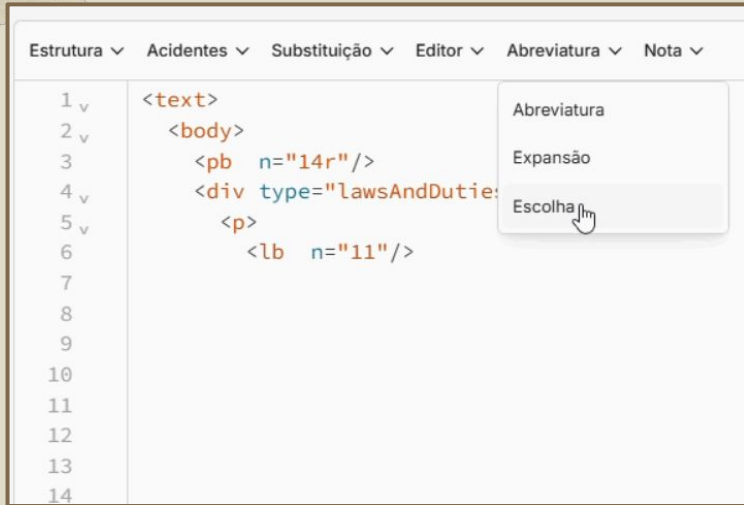
Abreviatura  
Expansão  
Escolha

Estrutura ▾ Acidentes ▾ Substituição ▾ Editor ▾ Abreviatura ▾ Nota ▾

```
1_v <text>
2_v <body>
3_v <pb n="14r"/>
4_v <div type="lawsAndDuties">
5_v <p>
6_v <lb n="11"/>
7_v <choice><abbr></abbr><expan></expan></choice>
8
9
10
11
12
```

# Low Fidelity Prototypes

## Future implementation



1 v <text>  
2 v <body>  
3 <pb n="14r"/>  
4 v <div type="lawsAndDuties">  
5 v <p>  
6 <lb n="11"/>  
7  
8  
9  
10  
11  
12  
13  
14

Abreviatura  
Expansão  
Escolha



1 v <text>  
2 v <body>  
3 <pb n="14r"/>  
4 v <div type="lawsAndDuties">  
5 v <p>  
6 <lb n="11"/>  
7 <choice>  
8 <abbr></abbr>  
9 <expn></expn>  
10 </choice>  
11  
12  
13  
14

# Work Plan

MILESTONES	DATE	TASKS
M3 - CONSTRUCTION	12/03 - 08/04	<ul style="list-style-type: none"><li>• API endpoints</li><li>• Validation Logic Implementation</li><li>• UI Development</li></ul>
	08/04 - 06/05	<ul style="list-style-type: none"><li>• Simple Code Tests</li><li>• Final UI Development</li></ul>
M4 - TRANSITION	06/05 - 27/05	<ul style="list-style-type: none"><li>• User Feedback Recollection</li><li>• Demo</li><li>• Video</li><li>• Poster for students@deti</li></ul>
	28/05 - 03/06	<ul style="list-style-type: none"><li>• Technical Report Conclusion</li><li>• Final Delivery</li></ul>



Thanks for  
your attention!



Documentation  
Website