



Edicolab

G6 - PI 24/25

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Context



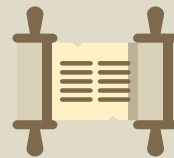
iForal

Develops historical and linguistic analysis of the Portuguese *forais*.



Edicolab

Platform for digital writing of critical editions of medieval texts.



TEI

Standard based on XML for the digital representation of historical texts.

Problem



Edicolab is susceptible to errors
in the structure and coherence
of documents

Edicolab has a lack of automatic
validation mechanisms, which can
lead to inconsistent and misused tags

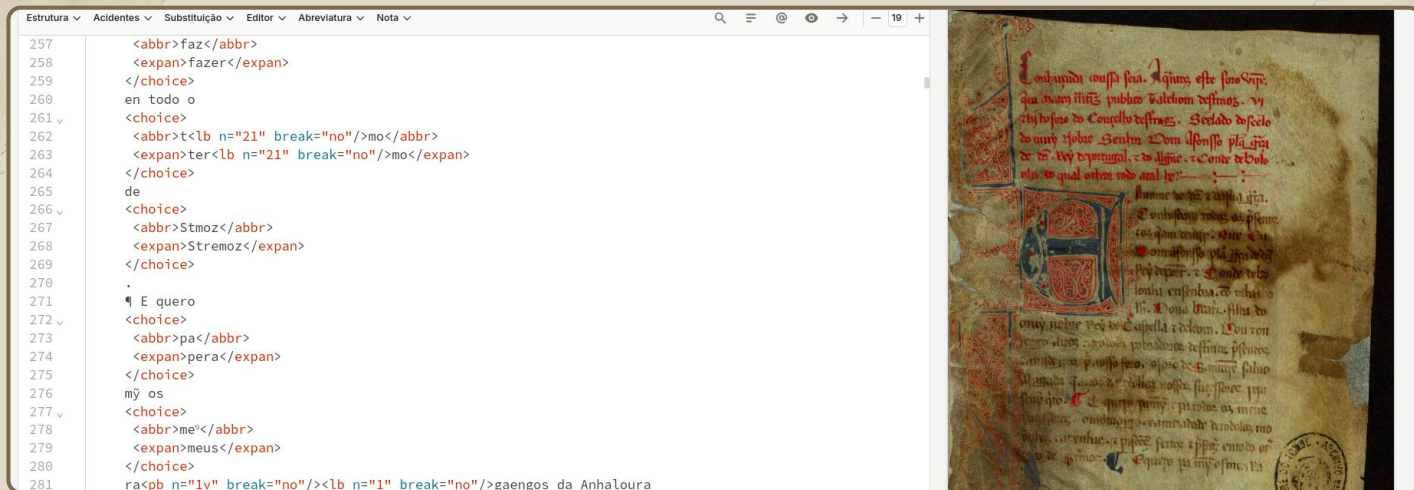


Objectives

Ensure the correct structure of TEI markup

Provide real time feedback of errors

Allow customization of transcriptions, following TEI's standards



Features

- Visual comparison mechanism between expected structure and actual markup while the document is being edited
- Visual signaling of errors and differences in marking in real time

Features

- > Automatic generation of semi-custom markers
- > Automatic generation and visual identification of markers that hierarchically or structurally depend on a newly opened one

```
<damage agent="ink">
de stabilitate
<choice>
  <abbr>ȳ</abbr>
  <expan>et</expan>
</choice>
<choice>
  <abbr>d</abbr>
  <expan>de</expan>
</choice> <supplied>foro</supplied>⚭/damage>
<choice>
```

Calendar

| Milestone | OBJECTIVE | FEB | MAR | APR | MAY | JUN |
|--------------|--|-------|-------|-------|-------|-------|
| Inception | Problem Analysis and Objectives Documentation Website Features Work Calendar | 25/02 | | | | |
| Elaboration | Establishing personas, scenarios and use cases Development environment setup Milestone Presentation UI Prototype Use cases analysis Functional and non-functional requirements System architecture | 25/02 | 11/03 | | | |
| Construction | Feature testing Prototype development | | 11/03 | 08/04 | | |
| | Main requirements development Feature testing UI Development | | | 08/04 | 06/05 | |
| Transition | User feedback recollection | | | | 20/05 | |
| | User feedback reflection and implementation Demo and Video Poster for students@deti Integration and Developing of additional features User feedback recollection | | | | 27/05 | |
| | High-fidelity prototype Final UI Development Final testing Technical report Final delivery | | | | 27/05 | 03/06 |

Calendar

☐ ▼ Painei (5 problemas)

0 1 4

| | | | |
|---|----------------|--------|----|
| <input checked="" type="checkbox"/> Work Calendar | CONCLUÍDO ▼ | 25 FEB | AD |
| <input checked="" type="checkbox"/> Features | CONCLUÍDO ▼ | 25 FEB | A |
| <input checked="" type="checkbox"/> Problem Analysis and Objectives | CONCLUÍDO ▼ | 25 FEB | HS |
| <input checked="" type="checkbox"/> Milestone 1 Presentation | CONCLUÍDO ▼ | 25 FEB | G |
| <input checked="" type="checkbox"/> Documentation Website | EM PROGRESSO ▼ | 25 FEB | JO |

☐ ▼ Registo de tarefas pendentes (7 de 25 problemas visível(visíveis))

7 0 0

Plan on whiteboard TRY

| | | | |
|--|-----------|--------|----|
| <input checked="" type="checkbox"/> Development Environment Setup | A FAZER ▼ | 11 MAR | JO |
| <input checked="" type="checkbox"/> Milestone 2 Presentation | A FAZER ▼ | 11 MAR | G |
| <input checked="" type="checkbox"/> UI Prototype | A FAZER ▼ | 11 MAR | AD |
| <input checked="" type="checkbox"/> Use Cases Analysis | A FAZER ▼ | 11 MAR | JO |
| <input checked="" type="checkbox"/> Functional and Non-functional Requirements | A FAZER ▼ | 11 MAR | A |
| <input checked="" type="checkbox"/> System Architecture | A FAZER ▼ | 11 MAR | HS |
| <input checked="" type="checkbox"/> Personas and Scenarios | A FAZER ▼ | 11 MAR | AD |

Calendar

☐ **Registo de tarefas pendentes** (6 de 25 problemas visível(visíveis))

6 0 0

Plan on whiteboard [TRY](#)

☒ Milestone 3 Presentation

A FAZER ▾

08 APR



☒ Early Features Testing

A FAZER ▾

08 APR



☒ Functional Prototype Development

A FAZER ▾

08 APR



☒ Main Requirements Development

A FAZER ▾

06 MAY



☒ Feature Testing

A FAZER ▾

06 MAY



☒ UI Development

A FAZER ▾

06 MAY



Calendar

| | | | |
|---|-----------|----------------------------------|--|
| <input type="checkbox"/> ▼ Registo de tarefas pendentes (12 de 25 problemas visível(visíveis)) | | 12 0 0 | Plan on whiteboard TRY |
| <input checked="" type="checkbox"/> User Feedback Recollection | A FAZER ▼ | 20 MAY | G |
| <input checked="" type="checkbox"/> User Feedback Reflection and Implementation | A FAZER ▼ | 27 MAY | JO |
| <input checked="" type="checkbox"/> Demo | A FAZER ▼ | 27 MAY | JO |
| <input checked="" type="checkbox"/> Poster for students@deti | A FAZER ▼ | 27 MAY | AD |
| <input checked="" type="checkbox"/> Video | A FAZER ▼ | 27 MAY | AD |
| <input checked="" type="checkbox"/> Integration and Developing of Additional Features | A FAZER ▼ | 27 MAY | A |
| <input checked="" type="checkbox"/> Final UI Development | A FAZER ▼ | 03 JUN | AD |
| <input checked="" type="checkbox"/> Milestone 4 Presentation | A FAZER ▼ | 03 JUN | G |
| <input checked="" type="checkbox"/> High-fidelity prototype | A FAZER ▼ | 03 JUN | JO |
| <input checked="" type="checkbox"/> Final Testing | A FAZER ▼ | 03 JUN | HS |
| <input checked="" type="checkbox"/> Technical Report | A FAZER ▼ | 03 JUN | G |
| <input checked="" type="checkbox"/> Final Delivery | A FAZER ▼ | 03 JUN | JO |

↓ More results

Expected Results



New version of the Edicolab platform

That integrates a validation module of the TEI markup structure



Improved efficiency of document transcription

By making it easier and more consistent to markup

Related Work

Roma - ODD

<oXygen/>[®]
XML Editor



Conclusion