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**Unbabel**

Software Functional Specifications

*Login*

Author: (Herbert.rlopes@gmail.com)

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| Author : Herbert Lopes | Signature :  Date : |
| Approved by : Emanuel Velho  Institute : | Signature :  Date : |
| Released by :  Institute : | Signature :  Date : |
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1. **INTRODUCTION**

This document specifies the requirements of the Annotation Tools providing developers and testers with the necessary information for the design and implementation to perform system testing and approval.

## **Purpose**

Presents an overview of the system, characterizing its scope and describing its users.

## **Scope**

The test that will be covered by this document will be: Login / signup page and mechanism.

## **Background**

Unbabel is a translation service supported by technology. It is a platform that combines a Machine Translation Engine with a crowd of Human Editors, empowering communication in many different languages. They developed this document to validate all the specification in Login of Annotation Tools.

## **References**

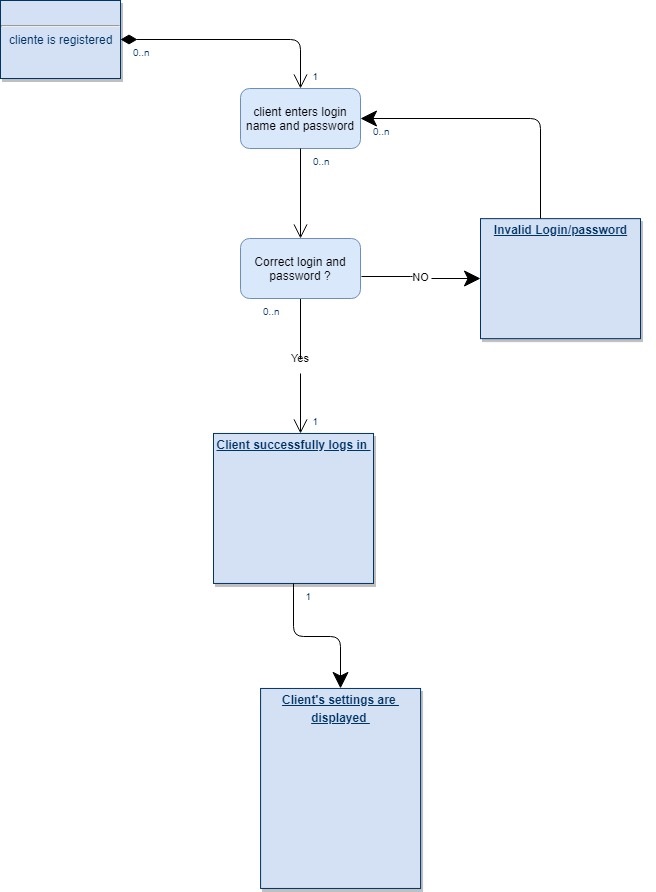
This Functional Analysis specification was created without external references.

**2 FUNCTIONAL REQUIREMENTS**

## 2.1 **Context**

This diagram represents the way that the user will use to login into Annotation tools. In this document is possible to identify possible problems and what the return that the system should give to the user.

Login  **Context Diagram**



## 3. **User Requirements**

The login page should be the first page that users see in the modified application. And two fields must be shown: “Username” for entering the name and one field “Password” for entering the password.

If either of the text fields is left blank it is an error that must be reported to the user.

If user fill the fields with incorrect a name or password an error must be shown for user.

Not registered users are not allowed to login in the Annotation Tools.

## 3.1 Identification of requirements

By convention, referrals are made by the name of the subsection where they are described, followed by the requirement identifier, according to the following specification:

[name of subsection. identifier of requirement]

Requirements must be identified with a unique identifier. The numbering begins with the identifier [FR001] for functional requirement or [NFR001] for non-functional requirement and continues to be incremented as new requirements arise.

## 4.0 Functional Requirements

4.1 Description

Allows registered users to access other system features that require authentication.

4.2 Actor

Pre-registered users in Annotation Tools.

4.3 Pre-condition

The user must have a registration in the system.

4.4 Post condition

The user will be logged into Annotation Tools and will have access to the other features.

## 5.0 Classification of Functional Requirements

## 5.1 Essential: Without this part the system does not go into operation. Essential requirements are essential requirements, which must be implemented at all times.

## 5.2 Important: Without this part the system goes into operation, but in an unsatisfactory way. Important requirements need to be implemented, but if they are not, the system can be deployed and used anyway.

## 5.3 Desirable: It’s the requirement that it does not compromise the basic functionalities of the system, that is, the system can function in a non-conforming way without it. Desirable requirements can be left for later versions of the system if there is not enough time to implement them in the version being specified.

## 

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**6.0 Functional Requirements**

6.1 Login

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| [FR001] Access Login |

Description of the use case:

This use case allows the user to access the system's features.

Priority:

Essential ( X ) Important ( ) Desirable ()

Inputs and preconditions:

The user of Annotation Tools is registered in the system database Outputs and postcondition: It will make the system functions accessible.

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| [FR002] Field “Password” NULL |

Description of the use case:

This test case is intended to prevent users from logging in if the 'password' field is null.

Priority:

Essential ( X ) Important ( ) Desirable ()

Precondition:

Password field is null.

Post-condition:

Error message informing that the field is empty.

Data:

Password.

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| [FR003]Email registered in the system, but the password is wrong |

Description of the use case:

This test aims to prevent user login when they enter a wrong password.

Priority:

Essential ( X ) Important ( ) Desirable ()

Precondition:

User entered an registered email in the database but the password is wrong.

Postcondition:

Error message informing that the password is wrong.

Data:

E-mail and password.

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| [FR004]All fields are filled correctly |

Description of the use case:

This test case is intended to allow users to login.

Priority:

Essential ( X ) Important ( ) Desirable ()

Pre-condition:

User informed a valid email and password, is registered in the database.

Post-condition:

User logged into Annotation Tools.

Data:

E-mail and password.

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| [FR005]Field “Email” NULL |

Description of the use case:

This test case is intended to prevent users from logging in if the 'E-mail' field is null.

Priority:

Essential ( X ) Important ( ) Desirable ()

Precondition:

'E-mail' field is null.

Post-condition:

Error message informing that the field is empty.

Data:

E-mail.

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| [FR006] ‘E-mail' field blank |

Description of the use case:

This test case is intended to prevent users from logging in if the 'E-mail' field is blank.

Priority:

Essential ( X ) Important ( ) Desirable ()

Precondition:

'E-mail' field is blank.

Postcondition:

Error message informing that the field is blank.

Data:

E-mail.

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| [FR007]“Password” field blank |

Description of the use case:

This test case is intended to prevent users from logging in if the 'password' field is blank.

Priority:

Essential ( X ) Important ( ) Desirable ()

Precondition:

Password field is blank.

Postcondition:

Error message stating that the field is blank.

Data:

Password.

### 7.0 **Hardware Interfaces**

This application will in Browser Platform. It’s necessary to have updated Browser installed.

### 7.1 **Software Interfaces**

Google Chrome 65.0.3325.181 installed.

## 7.2 **Hardware/Software Requirements**

Windows Seven or above with Google Chrome installed

### 8.0 **Security and Privacy**

Annotation tools will security all theses possibly problems and privacy.

8.1

1. Loss or corruption of data
2. Disclosure of secrets or sensitive information
3. Disclosure of privileged/privacy information about individuals
4. Corruption of software or introduction of malware, such as viruses

8.2

1. Physical security.
2. Access by user role or types.

### 9.0 **Recoverability**

9.1

If the processing site (hardware, data, and onsite backup) is destroyed, how soon must the application be able to be restored?

The application must be restored as soon as possible using backups

### 10. **System Availability**

the application will be available twenty four hours a day, seven days a week and uninterrupted.

### 11. **Data Retention**

The data must be saved until the user deletes his own account from the Annotation Application