

For 1

USER STORIES

- 1) As an user I want to be able to input a sentence so that the system can work with it
- 2) The system shall validate the input sentence's structure
- 3) As an user I want to be able to request the syntactic structure of the sentence I input
- 4) The system shall provide the syntactic tree of the input sentence when requested
- 5) The system shall extract the sentence's terms so that they can be singularly used

- 6) The system shall generate a correct sentence template
- 7) The system shall select additional terms from a built in dictionary
- 8) The system shall generate a new sentence by filling the generated template with the selected terms
- 9) The system shall validate the new sentence toxicity and show validation results
- 10) The system shall show the new sentence

	I	N	V	E	S	T
1	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓
3	✗	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓

10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓

Forse?

- 1) As an user I want to be able to input a sentence so that the system can work with it
- 2) The system shall validate the input sentence's structure
- 3) The system shall provide the syntactic tree of the input sentence when requested by the user
- 4) The system shall extract the sentence's terms so that they can be singularly used
- 5) The system shall generate a correct sentence template
- 6) The system shall select additional terms from a built in dictionary

- 7) The system shall generate a new sentence by filling the generated template with the selected terms
- 8) The system shall validate the new sentence toxicity and show validation results
- 9) The system shall show the new sentence to the user

For 3

- 1) As an user I want to be able to input a sentence so that the system can work with it
- 2) The system shall analyze the input sentence
 - The system shall validate the input sentence's structure
 - The system shall provide the syntactic tree of the input sentence when requested by the user
 - The system shall extract the sentence's terms so that they can be singularly used
- 3) The system shall generate a correct sentence template
- 4) The system shall select additional terms from a built in dictionary
- 5) The system shall generate a new sentence by filling the generated template with the selected terms

- 5) The system shall validate the new sentence toxicity and show validation results
- 7) The system shall show the new sentence to the user

User Story con descrizione dettagliata

- 1) As an user I want to be able to input a sentence so that the system can work with it
 - Display an input request from the system
 - Show an error message in case of empty input sentence
(eventually ask again for input sentence)
 - Display the input sentence

- 2) The system shall analyze the input sentence

- A Validator shall validate the input sentence's structure
- An Analyzer shall provide the syntactic tree of the input sentence when requested by the user
- An Analyzer shall extract the sentence's terms so that they can be singularly used

- 3) The system shall generate a correct sentence template
- A Template Generator shall generate a Template and handle it to the Sentence Generator

4) The system shall select additional terms from
a built in dictionary

- A WordPicker shall chose terms from
the Dictionary and handle them to
the Sentence Generator

5) The system shall generate a new sentence by
filling the generated template with the selected
terms

- A WordPicker shall chose terms from
the Sentence and handle them to the
Sentence Generator
- The Sentence Generator shall combine the
picked terms and the template and generate

The new Sentence

6) The system shall validate the new sentence toxicity
and show validation results

- The Sentence Generator shall handle the new sentence to the validation
- the Validator shall evaluate the toxicity (regenerate if too toxic)
- Display results of validation

7) The system shall show the new sentence to the user

- Display the validated new sentence

DOMAIN MODEL

SYSTEM

USER



