

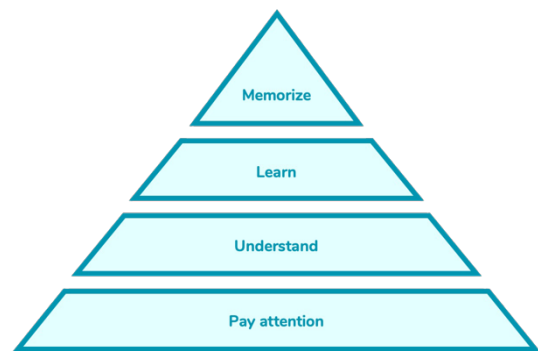
Add more intelligence to your e-learning platform

Introducing UQUIZ, the SaaS for the EdTech companies. The unique selling point of UQUIZ is to turn any reading / listening / viewing into a learning experience. UQUIZ transforms a passive reading with a low retention rate into an active reading, where automatically the key concepts are highlighted, the main entities are linked, the questions to grade the student are generated, and the abstract to refresh the student's mind is sent at incremental intervals.

UQUIZ = neurosciences applied

In order to memorize properly what you've just read, the neurosciences teach us that you should:

- first **pay attention** with an active reading,
- then **understand**, by connecting the dots between concepts within your own knowledge graph,
- then **learn**, by being challenged on what you read with a set of questions,
- lastly **memorize**, by refreshing repeatedly your neural connections with summary & questions.



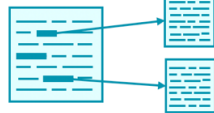
UQUIZ = 5 verbs to rethink the learning process

UQUIZ programming interface is made of 5 endpoints only, to put neurosciences into action:

/spot to highlight the main concepts of the given document.



/link to connect document's concepts with some external entities on Wikipedia.



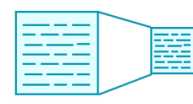
/ask to generate questions on the given document from the spotted answers.



/grade to compare the answers given by the student with the spotted answers.



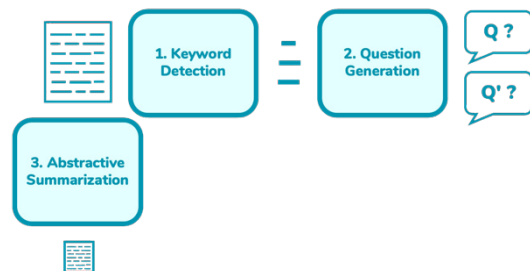
/sumup to shorten and reformulate the text in the given document.



UQUIZ = state of the art NLP

Natural Language Processing (NLP) is a branch of Artificial Intelligence, focusing on understanding language and generating text. As any educational materials could be converted to text, **neuronys** has trained 3 new NLP models for UQUIZ to reinvent the learning experience:

- a **Keyword Detection** model used by the **/spot** endpoint to find the potential answers for the questions to be generated,
- a **Question Generation** model used by the **/ask** endpoint to generate in plain & proper English a question from a spotted answer,
- an **Abstractive Summarization** model used by the **/sumup** endpoint to shorten and reformulate the given document.



Towards Augmented Intelligence

neuronys is an innovative EdTech company, aiming to facilitate self-study and globally the on-line education worldwide with Artificial Intelligence. For **neuronys**, like for the Standard Institute of Human-Centered Artificial Intelligence, AI should be collaborative, augmentative, and enhancing to human productivity and quality of life. We name it **Augmented Intelligence**.