

Glossary »frag.jetzt«						
Concept	Description	References	Synonyms	Do not use	Responsible	Last modified
AI StudyBudy	AI Study Buddy (ChatGPT): Within the frag.jetzt platform, the "AI Study Buddy" feature refers to the integration of ChatGPT, an advanced AI tool. ChatGPT serves as a personalized assistant for learners, offering interactive support, tailored learning resources, and expert guidance across various subjects. This AI companion enhances the learning experience by responding to queries, assisting with problem-solving, and facilitating a deeper understanding of topics. The inclusion of ChatGPT as an AI Study Buddy represents a significant enhancement in creating a dynamic and responsive Personal Learning Environment (PLE), aligning with the platform's goal of fostering a more engaging and effective educational process.		ChatGPT		KQC	11/21/2023
antworte.jetzt	»frag.jetzt« has a quizzing option: We have included our popular game-based quiz app »arsnova.click«, adapted it a bit and renamed it to »antworte.jetzt«. The info page informs you about its features. The score in the ranking is calculated taking into account the difficulty of the quiz question and the brevity of the answer time. If all quiz questions intended for a bonus are answered correctly, the player receives a bonus code, which can be redeemed by sending an e-mail to the teacher with one click.	https://antworte.jetzt/	arsnova.click	arsnova.click	KQC	11/22/2022
App Rating	5-star rating like Amazon's. Only users who have entered a room and written at least one post can rate the app.				KQC	11/22/2022
ARS	Audience response systems (ARS) are technical-electronic devices designed to increase interactivity between the lecturer (or speaker) and the audience in the context of courses or lectures with numerous participants. The use of such systems is mostly guided by concrete didactic concepts and can thus be understood as a subarea of e-learning.		Clicker, Student Response System		KQC	11/22/2022
ARS-PLE-Switch	Toggle Switch from ARS to PLE: The "toggle switch" from ARS to PLE is a feature in the frag.jetzt platform, enabling users to shift between its functionality as an Audience Response System (ARS) and a Personal Learning Environment (PLE). This switch allows the platform to adapt to different user needs: the ARS mode for interactive, feedback-oriented sessions typically used by educators, and the PLE mode for personalized, AI-supported learning experiences suitable for individual learners. This feature illustrates the platform's versatility in accommodating diverse educational scenarios.				KQC	11/21/2023
Auto Focus	In presentation mode with →Question Focus, Auto Focus is enabled by default. Incoming questions are automatically displayed in full view.				KQC	11/22/2022
Back Translation (USP)	Well aware that the linguistic quality of an anonymous text is generally low in terms of spelling, grammar, punctuation and style, »frag.jetzt« sends the text to the online translation service →DeepL and translates it into a foreign language, for example German into English. The AI behind DeepL ignores just about any linguistic deficits. The subsequent back translation into the source language transforms a poorly written source text into a formally correct and easily readable text without distorting the content.				KQC	11/22/2022
Bonus Archive (USP)	The teacher can mark good questions with a star. The question poser receives an 8-digit code for each star acquired (»token«). The tokens can be redeemed for bonus points by sending an e-mail to the teacher. The teacher checks the submitted tokens against the awarded ones in the bonus archive of their room.				KQC	11/22/2022
Conversation	A conversation consists of at least one answer or comment to a question and can continue for up to 7 levels.		Thread	Thread	KQC	11/22/2022
DeepL	AI-based Translator used for text optimization, see →Back Translation.	https://www.deepl.com/			KQC	11/22/2022
Degree Of Controversy (USP)	To identify controversial questions, i.e., questions where the positive and negative votes are balanced and have a value close to zero in the Q&A forum, we introduce an innovative sorting criterion: the degree of controversy or contradiction. First, we form the difference between positive and negative votes and subtract it from the total number of votes. What remains is the absolute number of controversial votes. We divide this value by the total number of votes to get the percentage. Finally, we stretch the percentage with an empirical term so that questions with very few controversial votes are not classified as more controversial than questions with many votes. A simple calculation with great power for controversial question rounds!			Controversy Score	KQC	11/22/2022
Error Percentage	Before the text optimization of a post takes place, the language and the error quotient are determined with the help of the →LanguageTool software. If the error quotient exceeds a certain value (67% defined in the code) or if the language cannot be determined (confidence value too low), the text optimization by means of back-translation and grammatical analysis is not offered to the user. The LanguageTool calculates the error quotient according to a simple formula: Number of suggested replacements (spelling, punctuation, grammar, style) times 100 divided by the number of words.		error rate, error ratio		KQC	11/22/2022
Flash Poll	Flash Poll: In the frag.jetzt platform, a "Flash Poll" refers to a rapid, real-time polling feature. This tool allows educators to quickly create and deploy short, impromptu surveys or questions to their audience, facilitating instant feedback and engagement. Flash Polls are designed to be easy to set up and execute, providing immediate insights into learners' understanding, opinions, or preferences.		Instant Survey		KQC	11/21/2023
Keyword Extraction (USP)	frag.jetzt offers both keyword assignment and keyword extraction. The user can either define his own keywords for his text entries and assign them to his post or select keywords from a list created by moderators. In addition, keywords are suggested to him by an AI, which are automatically extracted from his post. The keyword extraction is based on a sentence analysis with →spaCy.	https://en.wikipedia.org/wiki/Keyword_extraction			KQC	11/23/2022
Language Detection	The language of a post is automatically detected by the →LanguageTool software. A confidence value is specified (between 0 and 1).				KQC	11/22/2022
LanguageTool	Spelling and grammar checker use for →Language Detection.	https://languagetool.org/			KQC	11/22/2022
Moderation Link	Guest and permanent moderators have the same rights as the creator of the room. But they can't delete questions or the whole room. Everyone can be added as a permanent moderator with their mail address with which they registered at »frag.jetzt«. An unregistered user can become a guest moderator by entering the room via direct link or 8-digit access code.				KQC	11/22/2022
NLP	Natural Language Processing, see →spaCy.	https://course.spacy.io/			KQC	11/22/2022
PLE	In the context of your project, a Personal Learning Environment (PLE) refers to the specific evolution of the frag.jetzt platform, transforming it from an Audience Response System (ARS) into a versatile, AI-supported learning ecosystem. This PLE is designed to cater to both educators and learners, offering tailored virtual rooms with AI tutors for various subjects, thereby enabling personalized, self-directed learning experiences.				KQC	11/21/2023
Profanity Filter	Vulgar words in posts are overwritten with ★★★★★. You can filter vulgar words in many languages. You can enable filtering within words, by default only whole words are filtered.	https://github.com/chucknorris-io/swear-words			KQC	11/22/2022
PWA	Progressive Web App: Although an ordinary Web page, it behaves like an app from the app store. You can install it from within the browser without downloading: »Add to Home Page«. After that it will start like an ordinary app. As a PWA, it runs on any smartphone, no matter what operating system, no matter what browser. So your audience will always be ready to use »frag.jetzt« on their mobile devices.	https://web.dev/progressive-web-apps/			KQC	11/22/2022
Question Focus	For the discussion of the questions on the beamer, they can be presented individually in full view. Advancing to the next or previous question is conveniently done with the arrow keys. You can also activate the display in →Auto Focus: Then, incoming new questions are automatically shown in full view.				KQC	11/22/2022

Question Radar (USP)	<p>If you want to keep track of all questions, you need a kind of »radar«. Our radar locates questions and answers by their keywords: The more questions and answers refer to a keyword, the larger and more central the keyword appears on the</p> <p>The question radar serves you as a navigator: Clicking on a word will take you to the questions and answers related to that keyword.</p> <p>The keywords are determined in real time by means of a grammatical analysis of the nouns or were determined by the author.</p> <p>The calculation of the font size includes:</p> <p>the difference between up- and down-votes, if positive, the number of questions with this keyword, the number of question creators with this keyword, the role: room creator, moderator, or participant, whether a question category was selected, whether the keyword was generated or assigned, whether the question was answered, the controversy of the question.</p> <p>You can customize the visualization to your liking. In the role of room creator or moderator, you can experiment with the parameters of the keyword generation to improve the semantic selectivity.</p>				KQC	11/22/2022
Quiz Rallye	see →antworte.jetzt		antworte.jetzt	Quiz	KQC	11/22/2022
spaCy	NLP software used for noun extraction and grammar analysis	https://spacy.io/			KQC	11/22/2022
Threshold for Publication (USP)	Sets the negative rating value between 0 and -100 below which a post should no longer be displayed.				KQC	11/22/2022
Wikipedia	Used to validate the result of a →Keyword Extraction. Extracted keywords that are not keyworded in a language-specific Wikipedia are removed.	https://dumps.wikimedia.org/			KQC	11/22/2022