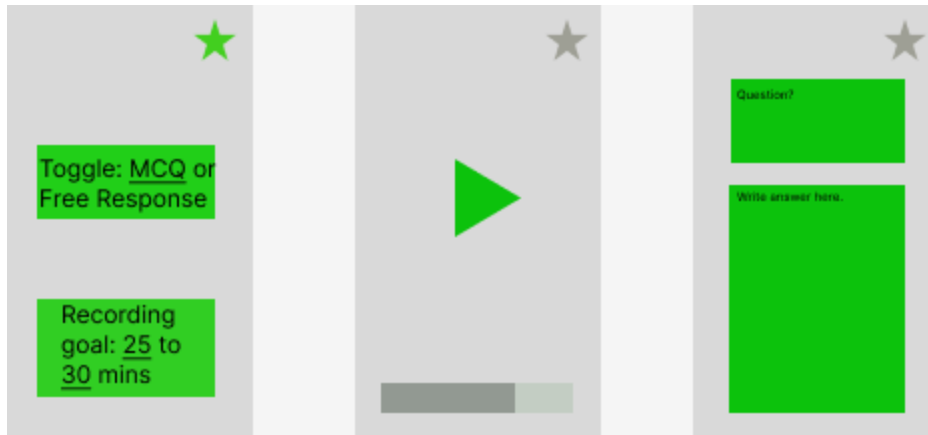# Quiz Break

Overview:

Quiz Break is an AI-powered study assistant that helps refresh students on the content of a lecture by providing short quizzes. The app is designed for struggling college students who have trouble focusing in early morning classes. Quiz Break is a phone app that listens to a lecture and then afterwards generates a quiz to keep students engaged with the lecture content. Quiz Break's unique feature is its short flash quizzes that keep students engaged with lectures and its extensive customizability to cover a wide range of student needs.

Features▶:

Begin the app's recording of the lecture/audio by pressing the central play button. Once recording, the timeline bar will fill as the length of the lecture approaches its time goal. The recording ends if there is a break in the audio between the user's goal range (default is 25 - 30 minutes). Pressing the play button again will generate questions instantly, even if the time goal hasn't been met, in case the lecture stops abruptly. Generated questions will appear after the recording ends, allowing the user to respond. At all times, there will be a settings icon allowing the user to toggle between multiple-choice and fill-in-the-blank questions, as well as to set the minute goal they need.

Market Analysis:

With the rise of AI consumerism, "Quiz Break" is a need for college students who want to retain their professors' lectures effectively. According to campbell.edu, "...86% of students use AI in their studies with 54% using it weekly and nearly one in four using it daily." This proves that "Quiz Break" has the potential to be a strong competitor to other consumer AI such

as ChatGPT, Gemini, and Microsoft Copilot. Now, there are already AI applications out in the

AI consumerism space that listen to lectures and take notes, but the purpose of our AI is to break

up lectures with short quizzes. The whole premise of our app is to make it easier to sit through

lectures in early morning classes, and with the option to set the duration of the break, our product

outshines other AI apps. It is more personalized and customizable, which is an attractive feature

to give.

HOLONIQ. AI IN EDUCATION

Improved learner outcomes remain the top reason for adopting AI, followed by cost savings, disruption, agility and first mover advantage.

What were the reasons for adopting AI?

	2019 Survey (September)	2022 Survey (September)
Improved learner outcomes	67%	75%

 According to HolonIQ, with the growth of AI, students receive better academic results and

retention from their assignments. With the aid of AI, students become more engaged in their

classwork because of their better understanding of the material.

Addressing Issues:

This app has many competitors that are also trying to fill in the niche of a lecture AI

assistant. For Quiz Break to differentiate itself, it has to have unique features and systems that

make it more specialized than the rest, and that's why we added the break feature. Rather than

just focusing on the content, Quiz Break keeps its user on track with scheduled breaks that

refocus their attention even when they're tired or zoned out in early classes. But, for it to be

successful, it also needs to be able to do more than just listen to lectures, or it will face issues in

the long run when competition grows and the market changes. These new features should be

intuitive, responsive, and satisfying to use, and that's why we've designed all of these quality-of-

life adjustments. These include things like the pause button, the progress bar, the length and difficulty settings, and the settings menu.

And what if your class doesn't allow audio recordings or technology, or what if it's just not practical to use? Well, eventually, we want to further develop Quiz Break's already existing features so that it can also be used for study sessions with online books and other online mediums where the user still needs assistance and breaks. It will be able to do all of the same and more in this personalized study mode, along with more in-depth quizzes that will focus on the content when you're not in a hectic lecture. These features will give it more flexibility and market reach as time goes on, and this will help Quiz Break stay successful.

Conclusion:

To conclude, Quiz Break is a very useful tool for students with early classes who are struggling to pay attention. This app is entering a very competitive market, but its unique features and customizability will help it stand out. This app will have a positive impact and will make students more confident about their morning classes. We are confident in this product because AI is currently a very lucrative field, and students are looking for ways to help them with school, so this is a perfect app to capitalize on this unique opportunity.

Cited Sources:

Stoneman, L. (n.d.). Ai in higher education: A meta summary of recent surveys of students and faculty. Campbell Academic Technology Services.

https://sites.campbell.edu/academictechnology/2025/03/06/ai-in-higher-education-a-summary-of-recent-surveys-of-students-and-faculty

"Artificial Intelligence in Education. 2023 Survey Insights." HolonIQ. Global Impact

Intelligence, www.holoniq.com/notes/artificial-intelligence-in-education-2023-survey-insights.

Accessed 22 Sept. 2025.