

AI Learning Assistant

An interactive study tool that summarizes text, generates quizzes, and tracks learning progress.

Made by Alzglītība team



What is AI Learning Assistant?

Helps students learn and review material faster

Summarizes any text automatically

Generates quizzes from summaries

Tracks learning mood and progress

Why We Created This Project

Many students struggle to focus or remember study material.

My goal was to build a tool that makes studying interactive — converting text into short summaries and quizzes that adapt to the user.

Main features

AI Text
Summarizer

Quick Quiz
Generator


Mood Tracker

Progress
Chart

Dark/Light
Mode

Bilingual
Interface (EN
/ LV)

What we used to make this Project



HTML, CSS,
JavaScript

Chart.js for
visual data

LocalStorage
for saving
results

Responsive,
bilingual UI

How to use it

Its very simple to use

- Paste or write your text into the textbox
- Next you click "Summarize"
- The Quiz will generate automaticly
- Choose how you feel after finishing the quiz
- Check your Progress on the chart

If needed you can always just switch to Latvian

The Challenges we faced whilst making this project

Creating bilingual support (LV / EN)

Making quizzes work without AI APIs

Keeping data saved after reload

Designing smooth gradients and themes

If we would to
improve the
website we
would

Add real AI summarization (OpenAI)

Export results to PDF

Add login and user profiles

Smarter quiz generation

Add a history page where you can see previous text you used with the summarize/quiz feature to do a quick study session to see how much you remember about the text

Thank you for your
attention!

- Project Github
Link: <https://github.com/AlzglitibasKomanda/ai-learning-assistant/tree/main>

Made by Alzglītība team