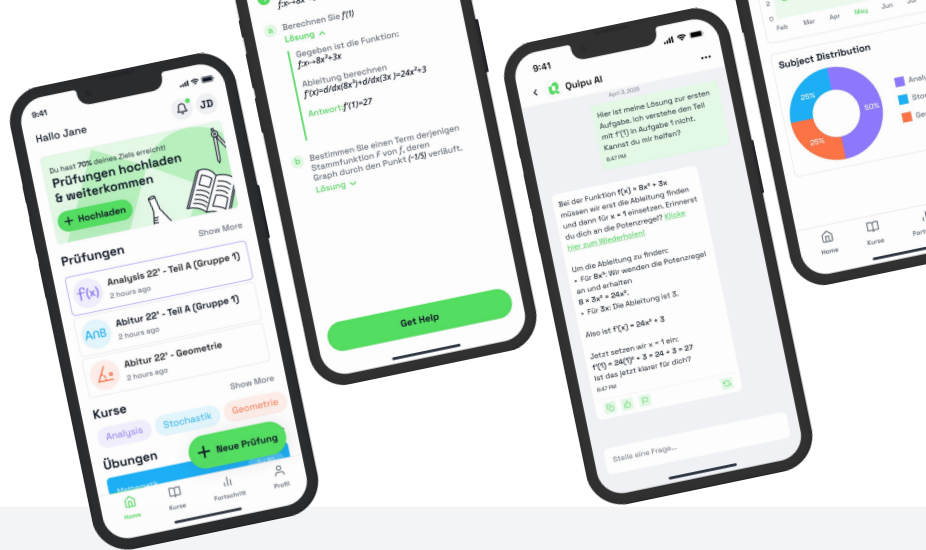




Quipu is a learning platform that works for every student! We are transforming Abitur preparation through personalized **AI-powered feedback**, ensuring every student receives the right support to succeed.



Project Overview

In our mobile application, we provide an AI-backed tutor for Abitur students. Tutor uses the student profile information to optimize their preparation process. In this project, you will help us to improve the mathematical accuracy and compatibility of the feedback generated by the system or to enhance our cross-platform mobile interface.

Project Tasks And Goals

● Improve Mathematical Reasoning

Mathematical Accuracy Enhancement

Improve the precision of our mathematical problem-solving within the AI tutor.

Guardrails for Tutor Responses

Develop validation frameworks for mathematical step-by-step solutions.

Requirements for students

- Experience with Python programming
- Basic Understanding of AI/ML concepts

● Improve Quipu's User Interface

Voice-Enabled Math Tutoring Integration

Add voice capabilities to our existing math tutoring mobile app. Students will be able to receive spoken explanations using integrated AI voice models.

Cross-Platform Integration

Implement optimization for tablet/browser
Improve rendering performance

Requirements for students

- Basic understanding of RESTful APIs
- Experience with React Native is a plus

What We Offer

- Direct collaboration with founding engineers
- Potential for future collaboration or employment opportunities
- Mentorship and guidance throughout project



Felix

Senior Software Engineer



Emek

AI Engineer



Damla

UI/UX Designer



Please send your CV, which project you're interested in and a brief note highlighting your relevant experience to hello@quipulearning.com

You can apply as a **team of 2-5**, or as an **individual** 😊