



StudyBoost Project

LET'S START

Meet our team



Aruzhan
Shinbayeva

Teamlead



Ivan Smirnov

Frontend



Ilya Mistyurin

ML-specialist



Anushervon
Qodirzoda

Backend



Muhammad
Allayarov

Backend

Problem Statement

We decided to create StudyBoost after observing common challenges students face in exam preparation at Innopolis University.



Little Research Provided



Key findings



1

All participants rely on Notion for note-taking and study preparation.

2

Two out of three participants utilize Quizlet for creating and studying flashcards.

3

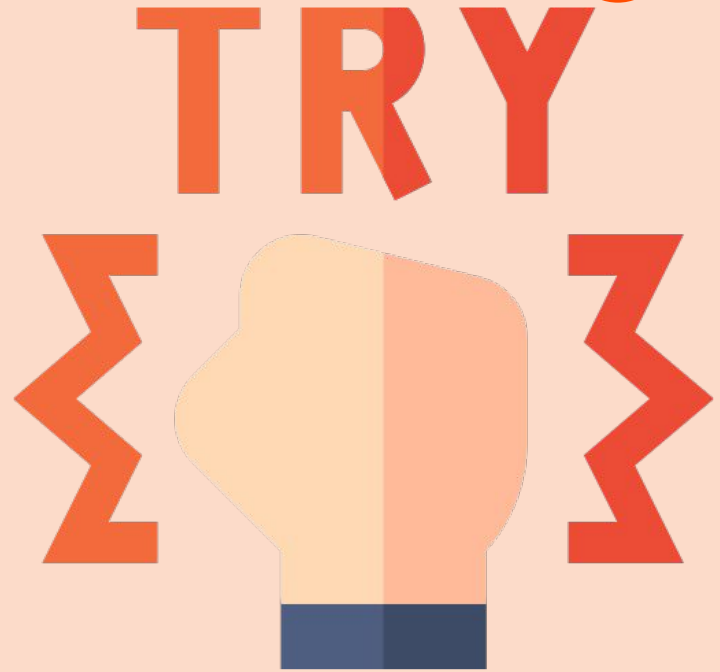
Integration issues among these tools were highlighted by two out of three participants as a significant usability challenge in their current study routines.



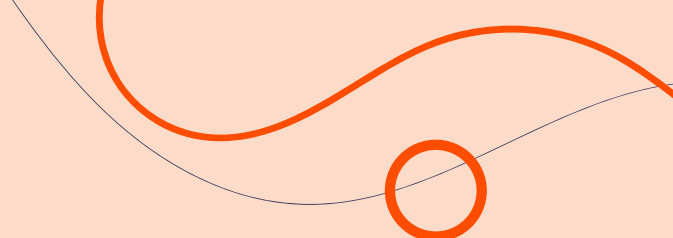
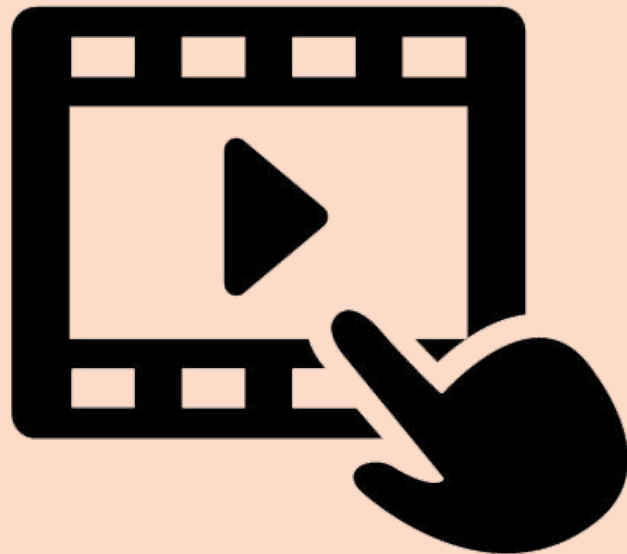
The Solution

Our project provides an integrated study tool available as a website, designed to address the diverse needs of students at Innopolis University. By offering functionalities such as automatic quiz generation from notes, concise note summarization, our solution enhances learning efficiency and organization. The tool creates personalized and relevant study aids, ensuring adaptability to individual learning styles.

The program itself



Demo video





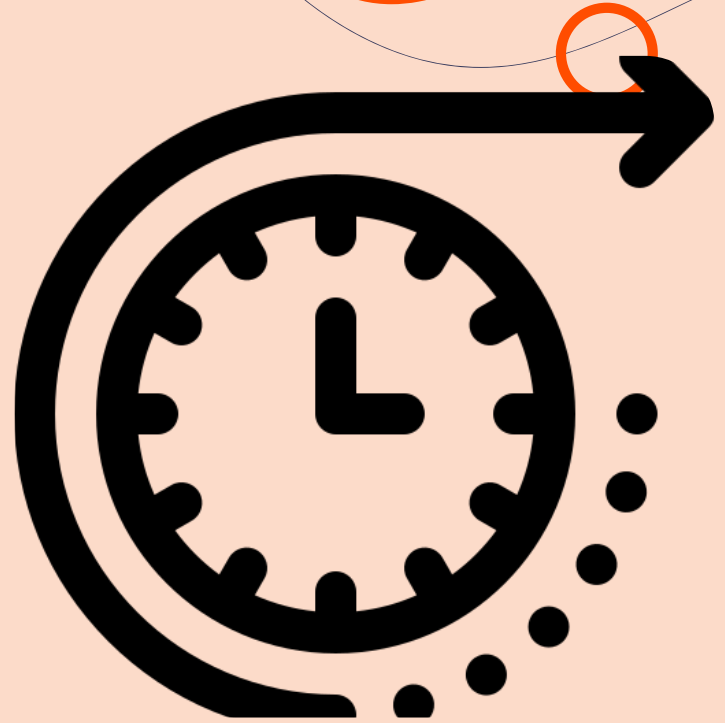
The issues we have faced

1. The Backend and Frontend connection
2. Time- management
3. Lack of prioritization

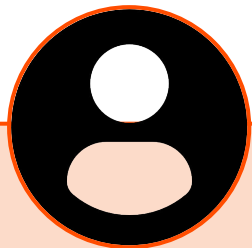


Future work

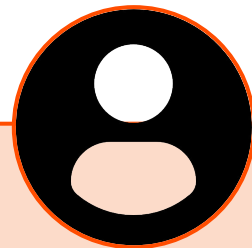
1. Redesign
2. Backend optimization, change the backend framework
3. Image processing/ pdf files processing



User Reviews

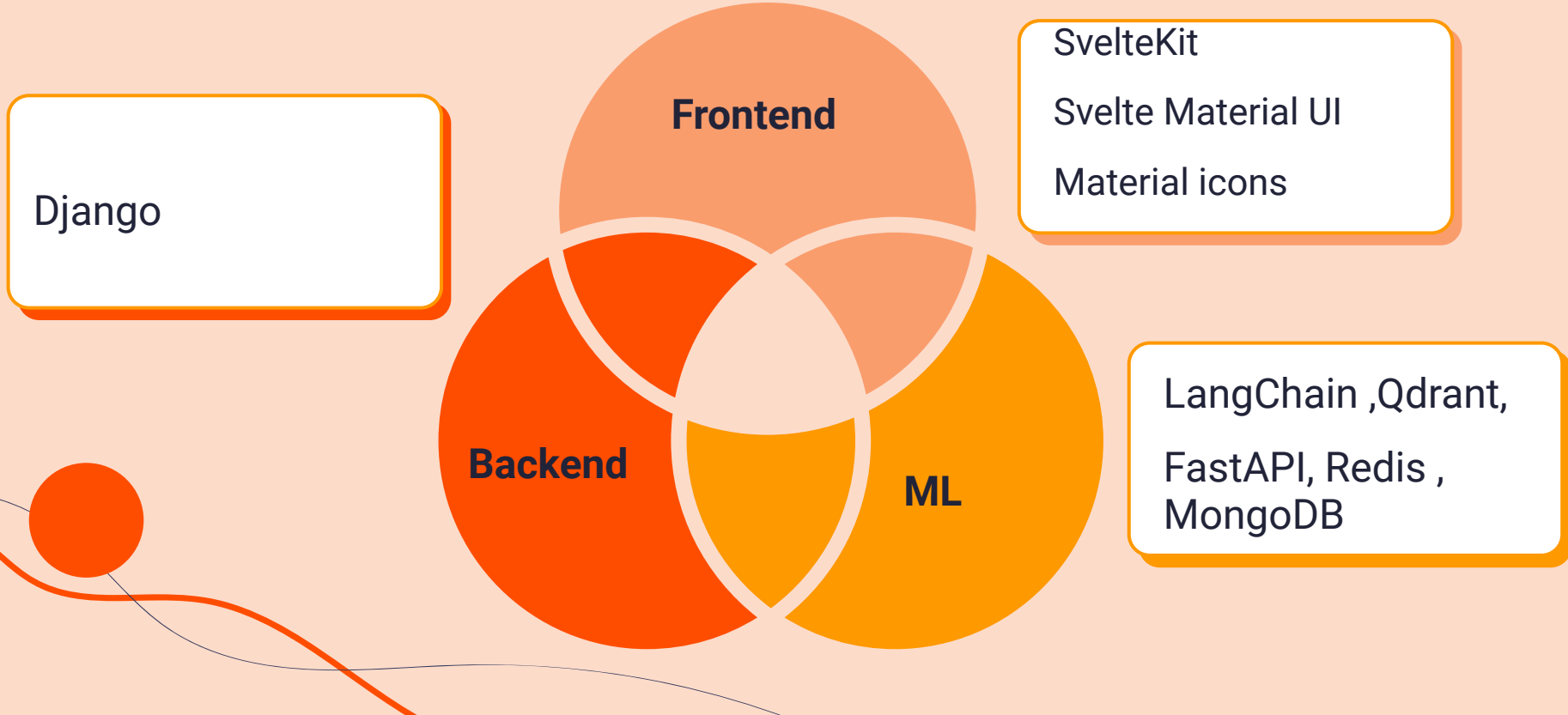


The quiz generator scores 8/10 for relevance, effectively covering key database concepts like redundancy and storage, but could benefit from more detailed questions.



While generally clear and concise, with an 8/10 for question conciseness, some answer choices could be clearer. With a generation time of 49.6 seconds, it performs adequately but could benefit from optimization for quicker output.

The Structure of our program



Conclusion

Improving study relies on human's self assessment and best tool for that - our application with quizzes and notes summary

Give it a try for a boost in your studies!

<https://capstone-studyboost.vercel.app/>