

# Feedback Form

# Needs of Different Departments and Majors

We asked more questions to determine the specific needs of each major. Interviewees were undergraduates and alumnis.

Questions:

Would do you utilize the predefined and custom skill trees in your learning process? Are there any improvements or additional features you would like to see in the **skill tree** functionality?

How useful are the **flashcards** and **quizzes** generated from your uploaded content? Do these tools help reinforce your understanding and retention of the material?

## Questions:

Do you think personalized **study schedules** generated by Edux would be effective in managing your study time? Do these schedules help you identify areas that need more focus?

How seamless is the process of integrating your **syllabus** into Edux? Are there any challenges you've faced in this integration?

How beneficial is the feature that allows instructors to assign tasks and **projects** through Edux? Does the model that evaluates the alignment between submitted **reports** and assigned code enhance your learning experience?

## More Questions

How effective are the detailed explanations provided by Edux for your uploaded materials? Do you find the page-by-page and **full-content explanations** helpful for your studies?

How easy is it to upload **study materials** (e.g., articles, textbooks, slides) to Edux? Are there any **file formats** you wish Edux would support in the future?

Is the Edux interface intuitive and user-friendly? Have you encountered any difficulties while navigating the platform? Do you have suggestions for improving the design or layout?

## 2 Medicine undergraduate and alumni

**Upload:** better support needed for handwritten and scanned notes /// e book platform integration may be useful AccessMedicine

**Content analysis:** It should be able to draw complex diagrams. /// does not understand clinical reasoning

**Flashcard:** It works well on simple subjects, make it work on more complex material for practicing real exams. /// include clinical scenario analysis, it does not work on it.

**Syllabi:** dynamic adjustment /// enable feedback to update current syllabi

**Skill trees:** It would be good if it works on complex topics /// it should make connections with different parts of the subject.

**Study plan:** it may underestimate the difficulty /// user should be able to add more notifications.

**Assignment & projects:** It would be great for labs and clinical studies.

# 1 Communications and design undergraduate

**Upload:** images needs to be improve, enable upload of design and mockup file types

**Content analysis:** It should create data charts or make visual analysis, it would be helpful if it can create visuals

**Flashcard:** you may add images to ask for

**Syllabi:** It should be dynamic, design timelines would be good.

**Skill trees:** Add a version of this to break the projects into components

**Study plan:** integration with office apps would be good

**User interface and usability:** The interface is sleek but can be a bit cluttered with options, especially for new users. A simpler, more streamlined dashboard would make the experience even better.

# 1 History undergraduate

**Upload:** handwritten notes and images

**Content analysis:** sometimes it oversimplifies

**Flashcard:** again it should work on more complex subject

**Syllabi:** dynamic adjustment

**Skill trees:** It would be good if it works on complex topics and it may be used in building connections between themes and events

**Study plan:** user should be able to add more notifications.

**User interface and usability:** interface is intuitive, but I sometimes struggle to locate advanced options like customizing quizzes or accessing skill trees. A clearer menu would be great.

## 2 EEE and CS undergraduate

**Upload:** handwritten and images are not useful  
/// voice and video should be uploadable

**Content analysis:** It does not generate even the simple codes /// cant draw circuits

**Flashcard:** make it work on more complex material /// it should be able to ask everything that appear in the slides

**Syllabi:** dynamic adjustment

**Skill trees:** you may add algorithms that is explained by skill tree to grasp them better /// it won't be useful in numerical tasks

**Study plan:** time intervals may not match and may change so it should be adaptable. /// custom notifications may hel

**Assignment & projects:** It may be used for labs to practice.

### 3 Academician (Our supervisor Doruk Öner)

**Upload:** Apart from handwritten, images voice and video should be uploadable.

**Content analysis:** It has its setbacks when the course is starting to have more mathematical content.

**Flashcard:** It is fine as is.

**Syllabi:** dynamic adjustment is needed, manual adjustments can be done in this part of the program.

**Skill trees:** It is a great feature in terms of gamifying the learning procedure.

**Study plan:** It would be good tool for reminding the studies. Moreover, based on the performance data it may help students struggling.

**Assignment & projects:** Report code checker feature.

# Questions Asked

What's your educational background (your degree, department, job, etc.)?

What did you like the most about LearnSmart?

Is there any feature you'd like to see added to LearnSmart that isn't currently available?

Were there any features that you found unsatisfactory or lacking?

How intuitive is the LearnSmart's user interface?

Do you know any similar platforms? What sets LearnSmart apart from them?

Would you pay to use LearnSmart for your studies?

# Questions Asked

If your answer to the previous question is no, why not?

What types of content would you like the option to upload to the chatbot?

How important is the LLM chat feature to you?

How important is the LLM chat feature to you? (Lecture Slide Explanations)

How important is the quiz creation feature to you?

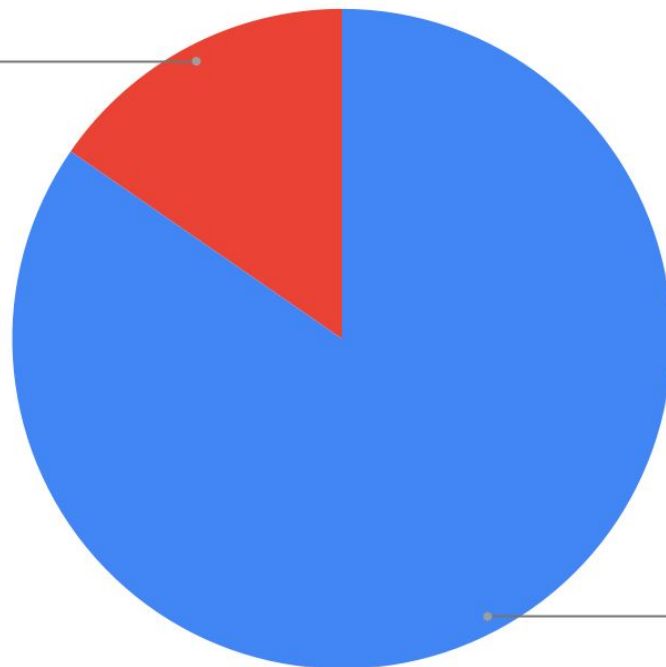
How important is the flashcard creation feature to you?

How important is the study plan creation feature to you?

# Educational Background

count(26)

Graduate  
15.4%



Undergraduate  
84.6%

## liked features(47)

Extraction of Information from Documents

4.3%

Personalization & Customizable Courses

8.5%

Interface & Usability & Minimality

8.5%

Study Plan & Syllabus Explanation

8.5%

Summary & Chat

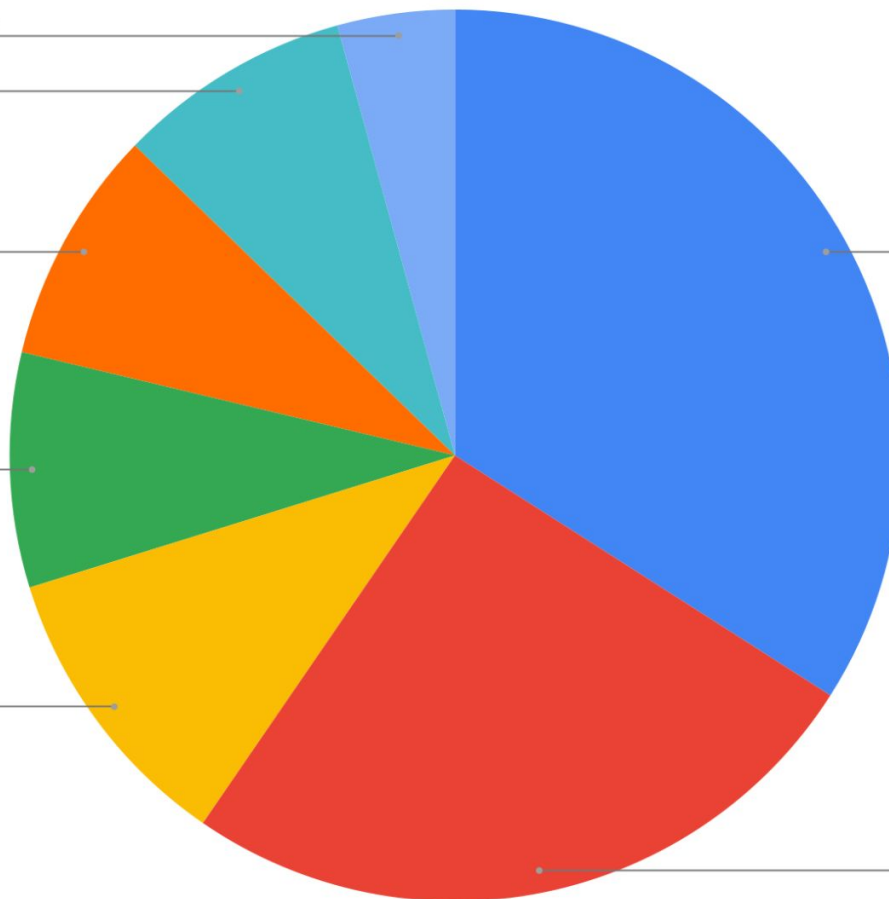
10.6%

Quiz & Exam

34.0%

Flashcard

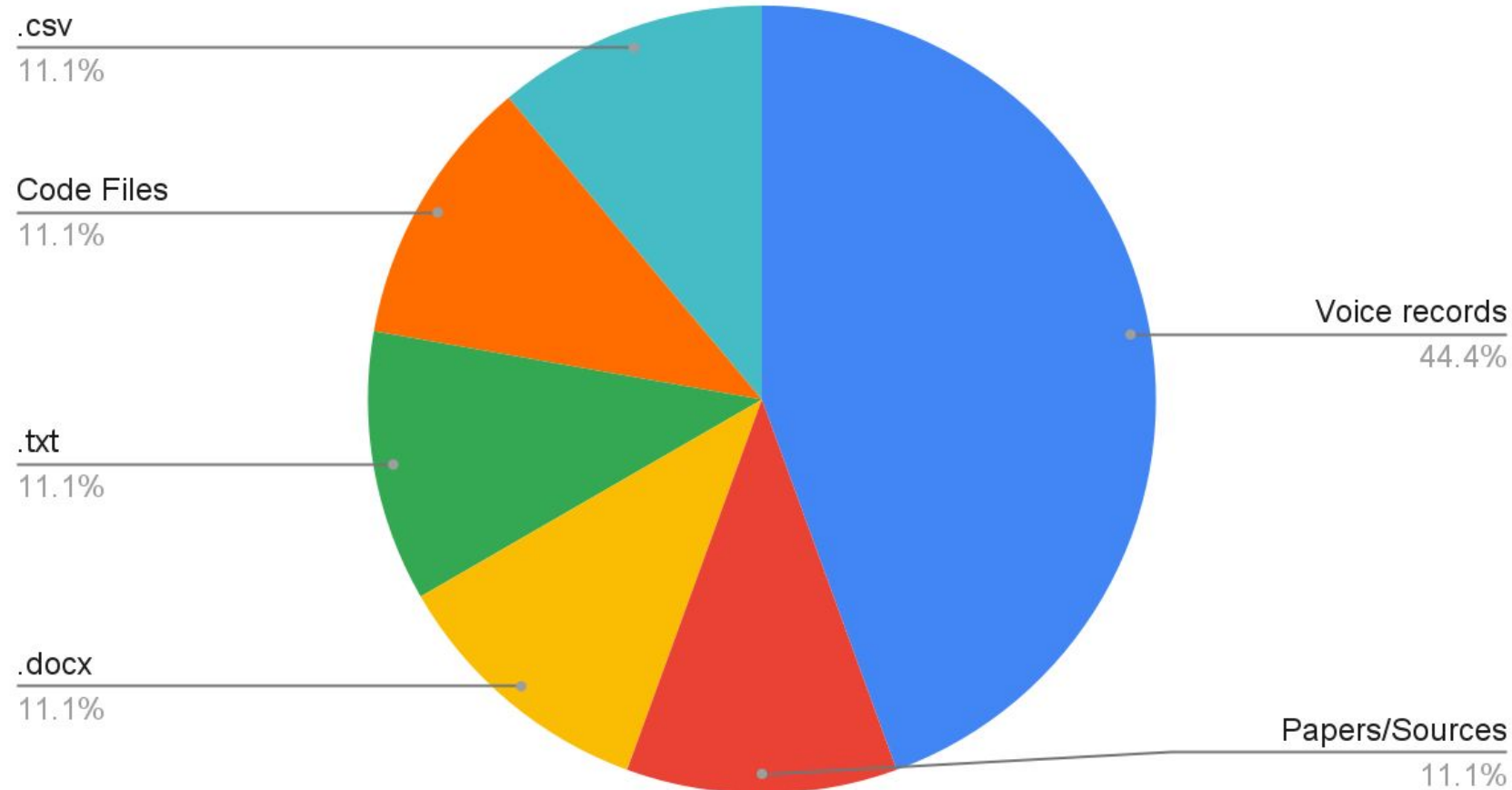
25.5%



# Similar products

- humata.ai (Chatting with PDFs)
- Custom GPTs which chat with document
- Quizlet
- Khan academy – AI integration

## types of content to add(9)



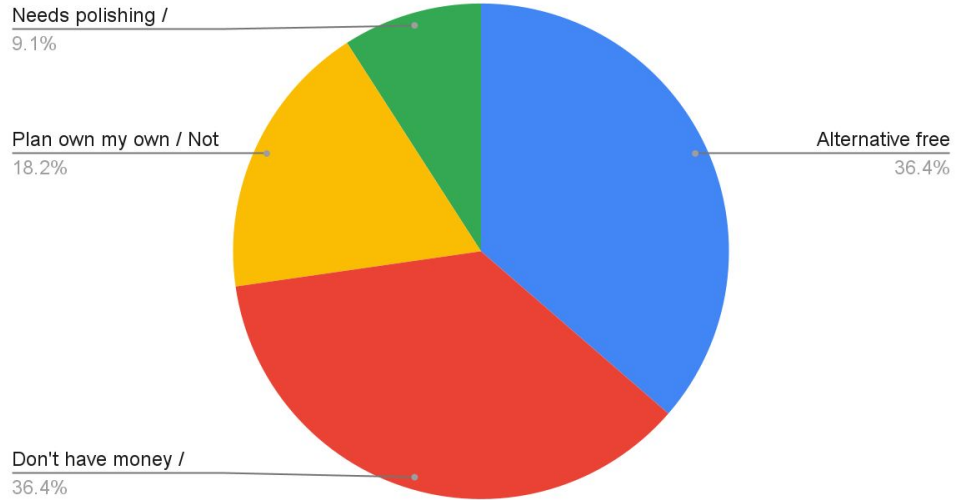
Things to be added	Things to be added (23)
Demo is not enough to decide	4
Course/schedule tracker	3
Progress/achievements/gamification	3
Voice chat	3
Forum/student interaction/sharing courses	3
Video/recordings as documents	2
Open-ended exams/quizzes	2
Shared pool of quizzes/flashcards & people creating their quizzes/flashcards	1
Improve text organization of chat	1
Image creation when explaining slides	1

## Willing to pay to use (26)



Explanations of the people who would not pay to use	Count (11)
Alternative free platforms / Can do the same with ChatGPT	4
Don't have money / Needs marketing	4
Plan on my own / Not necessary	2
Needs polishing / Accuracy / Quality	1

Explanations of the people who would not pay to use (11)



different features		rates of different features out of 5	
quiz		4.42	
interface		4.42	
slide chat		4.19	
chat		4.07	
flash card		4.07	
study plan		3.57	

Unsatisfactory features	count
Interface / Chat is not organized properly	2
Syllabus interface & Functionality	1
Improve slides-chat	1
Streaming output like ChatGPT	1
Increase quiz variety	1
Reference to the documents in chat	1
Improve study plan	1
Widget for uploading doesn't indicate type	1

any suggestions	count
Reminder / Study plan improvements	2
Distinction from ChatGPT / different features needed	2
UI	1