

ReMediCard.io

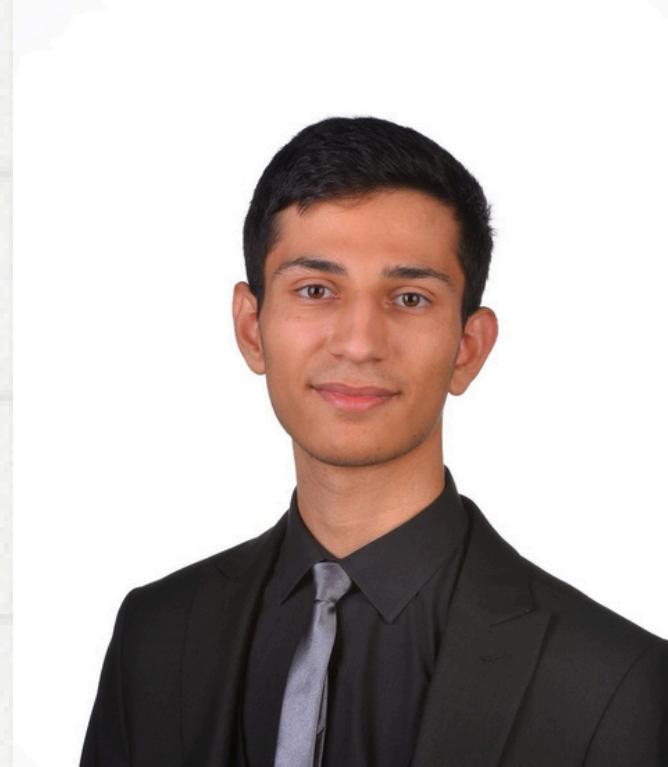
Flashcards in a Flash
by Team Celeste

Team Celeste



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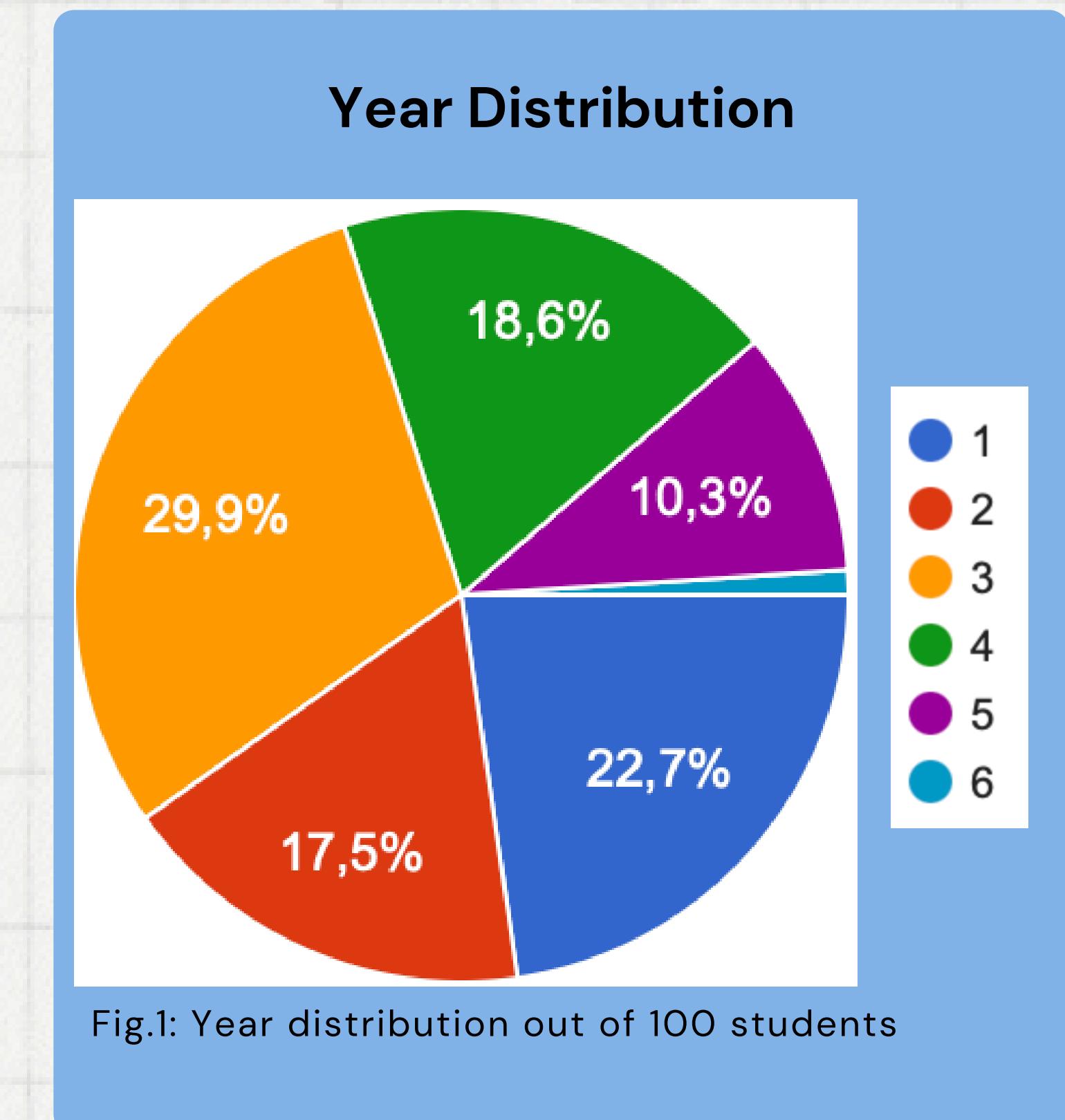


Akif E. Tanyeri

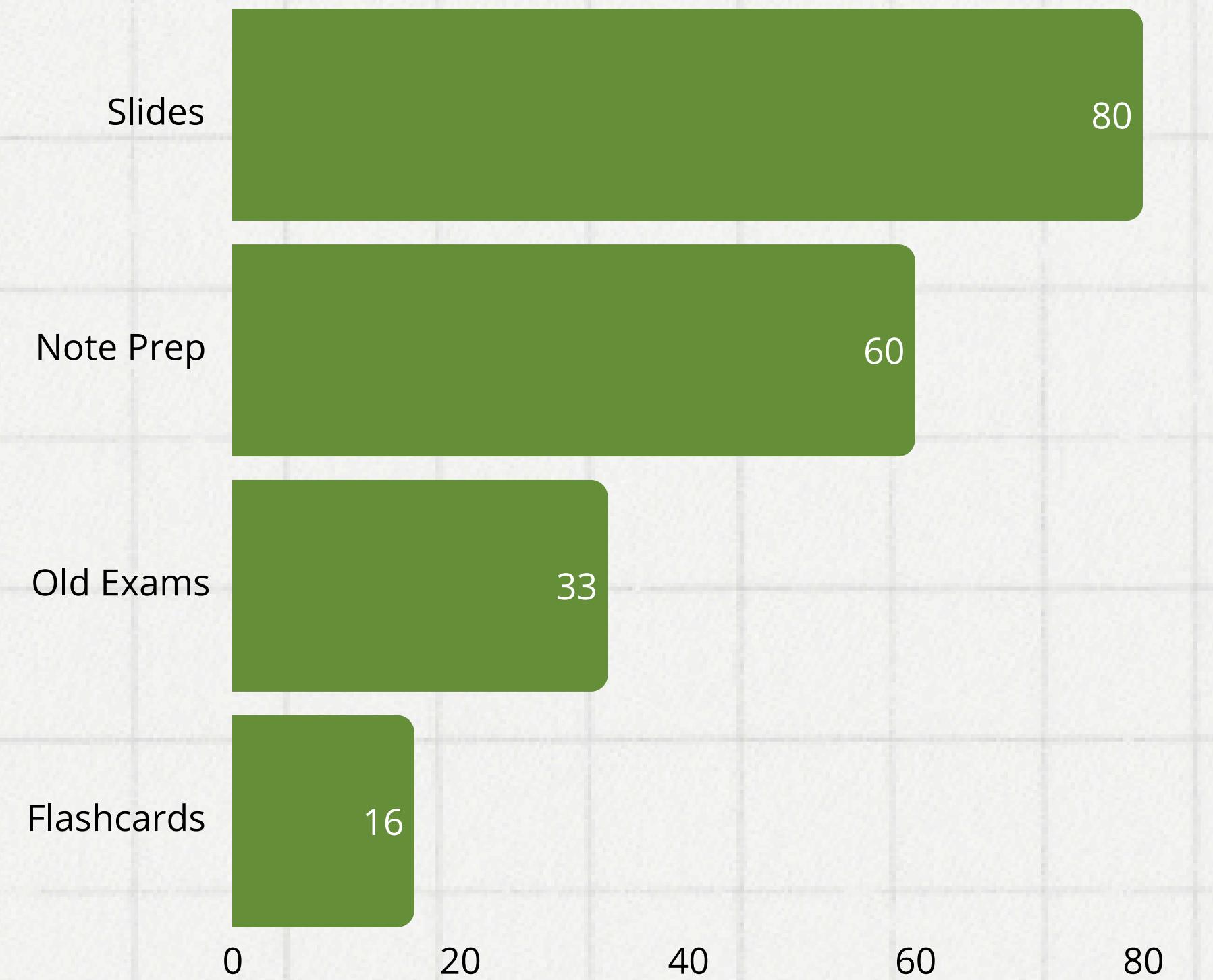
Front-End Developer

Origin of the Idea

- Medical studies demand extensive memorization due to the vast amount of knowledge required to master complex concepts, anatomical details, and clinical practices essential for patient care.
- We observed medical school students' struggle to memorize the lecture material and asked a diverse group of students from different schools and classes about their study methods and strategies.



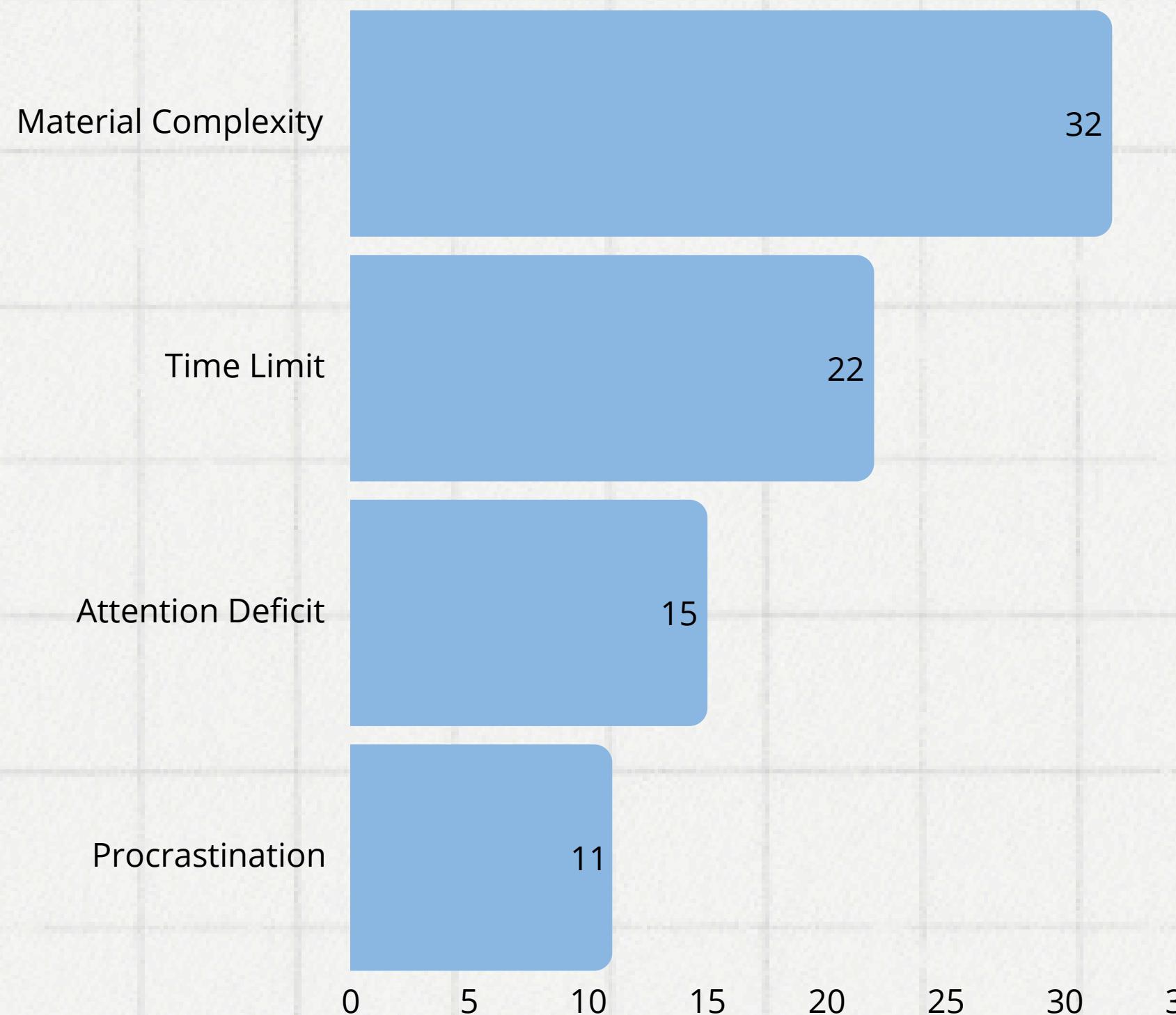
Methods of Study



The Issue of the Current Market

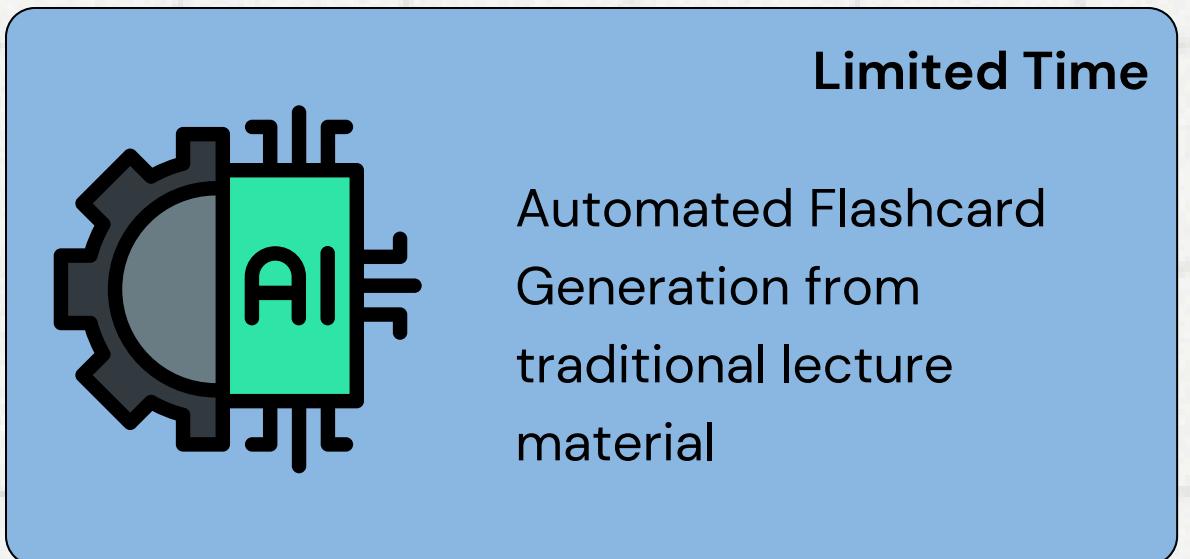
- Flashcard applications often fail medical students due to the tedious, time-consuming task of manually creating flashcards, which detracts from their study efficiency.
- Existing products (e.g. Anki, Quizlet) also lack advanced **personalization features**, making it difficult to tailor content to individual learning needs and performance gaps.

Obstacles in Learning the Material



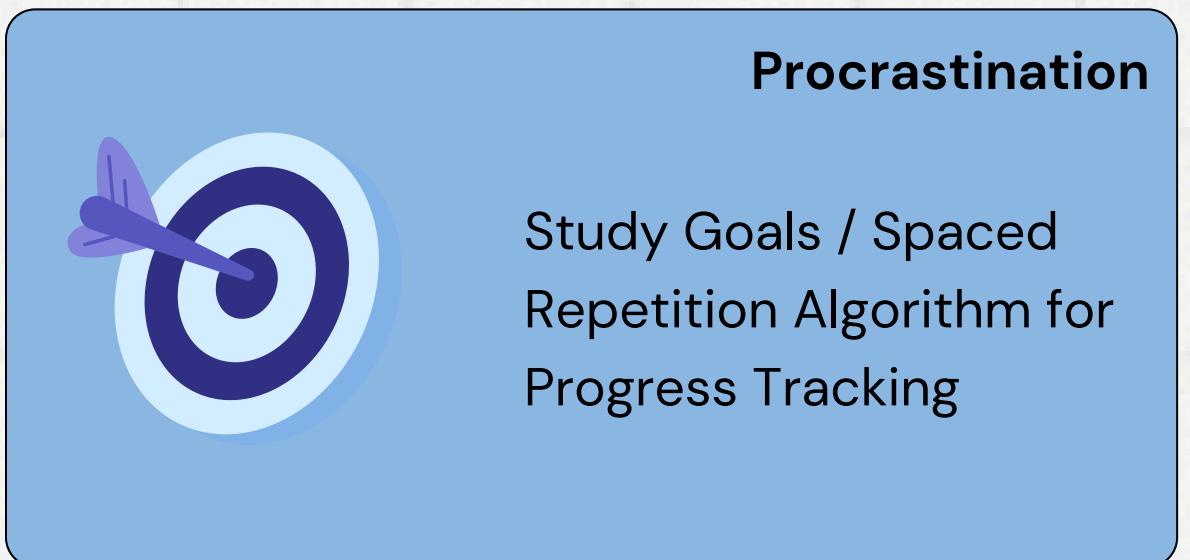
Features

Flashcards



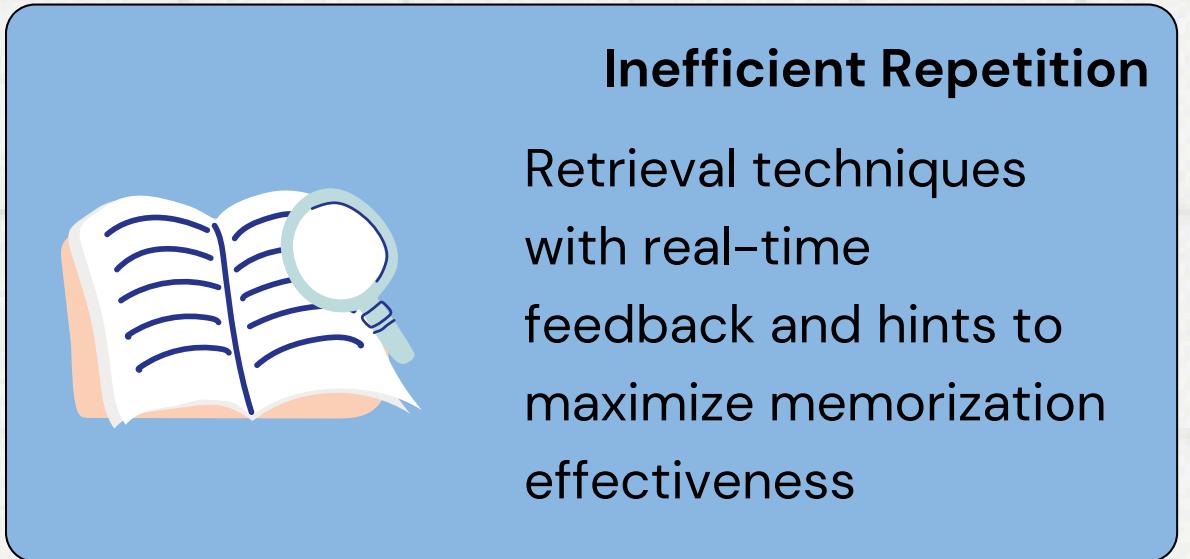
Limited Time

Automated Flashcard Generation from traditional lecture material



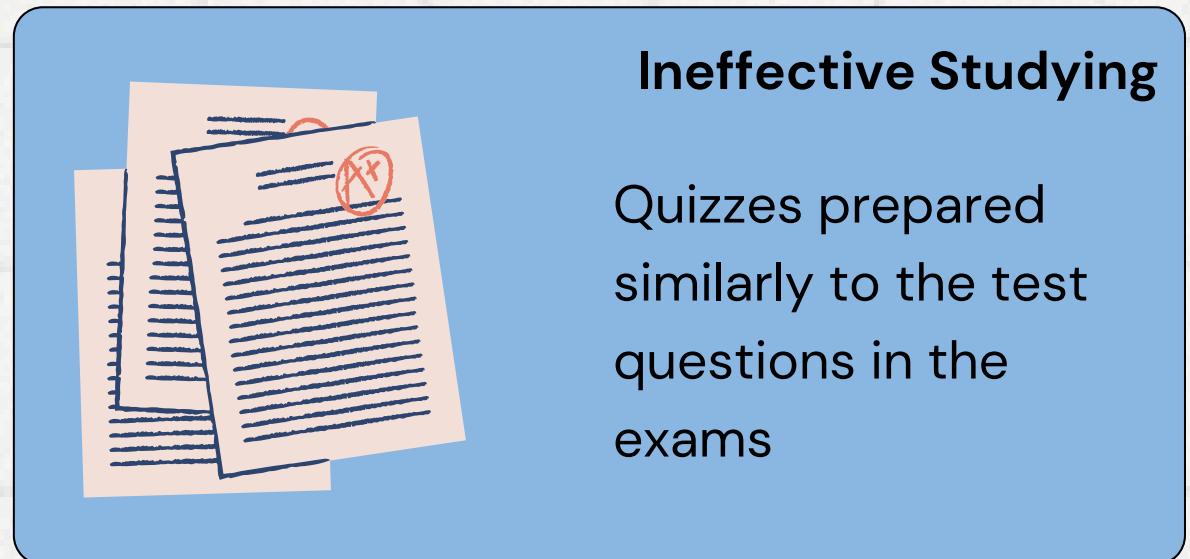
Procrastination

Study Goals / Spaced Repetition Algorithm for Progress Tracking



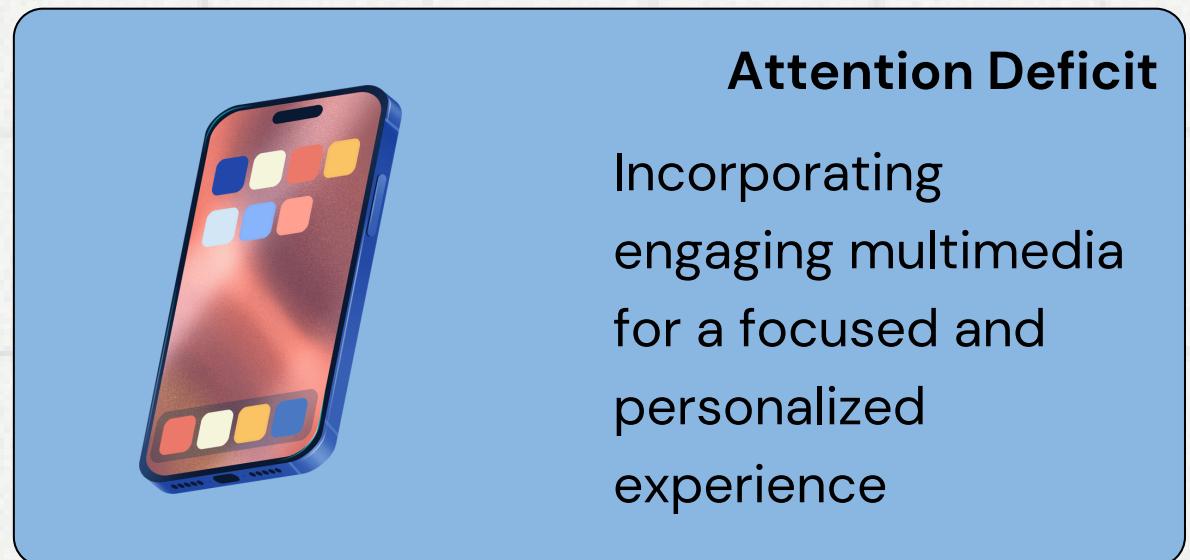
Inefficient Repetition

Retrieval techniques with real-time feedback and hints to maximize memorization effectiveness



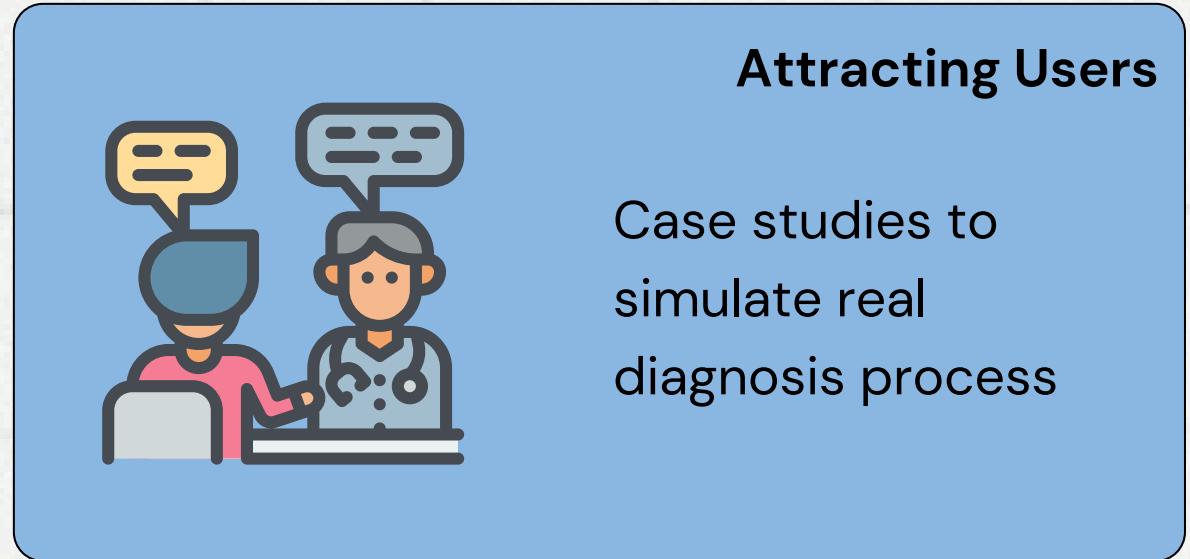
Ineffective Studying

Quizzes prepared similarly to the test questions in the exams



Attention Deficit

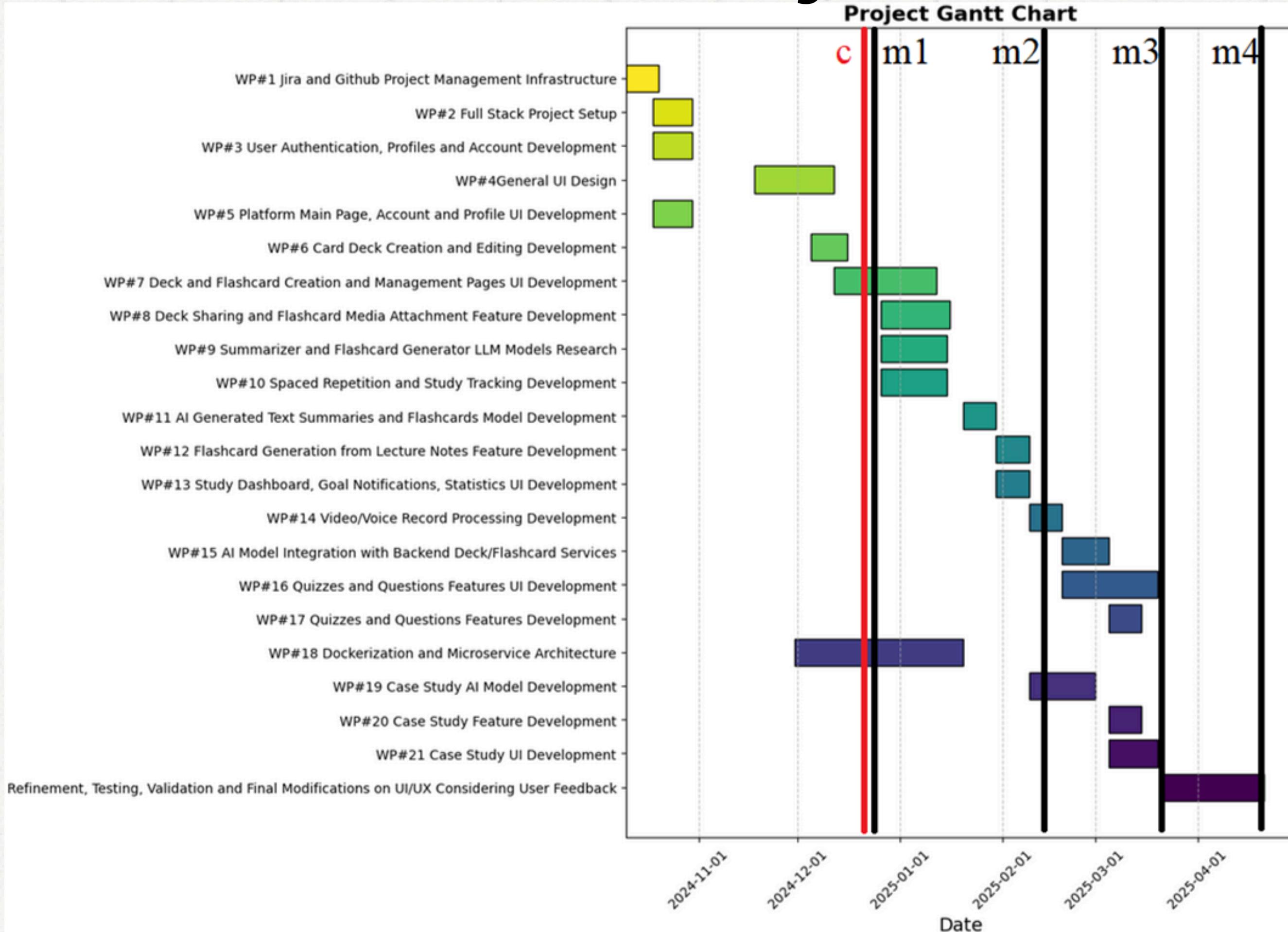
Incorporating engaging multimedia for a focused and personalized experience



Attracting Users

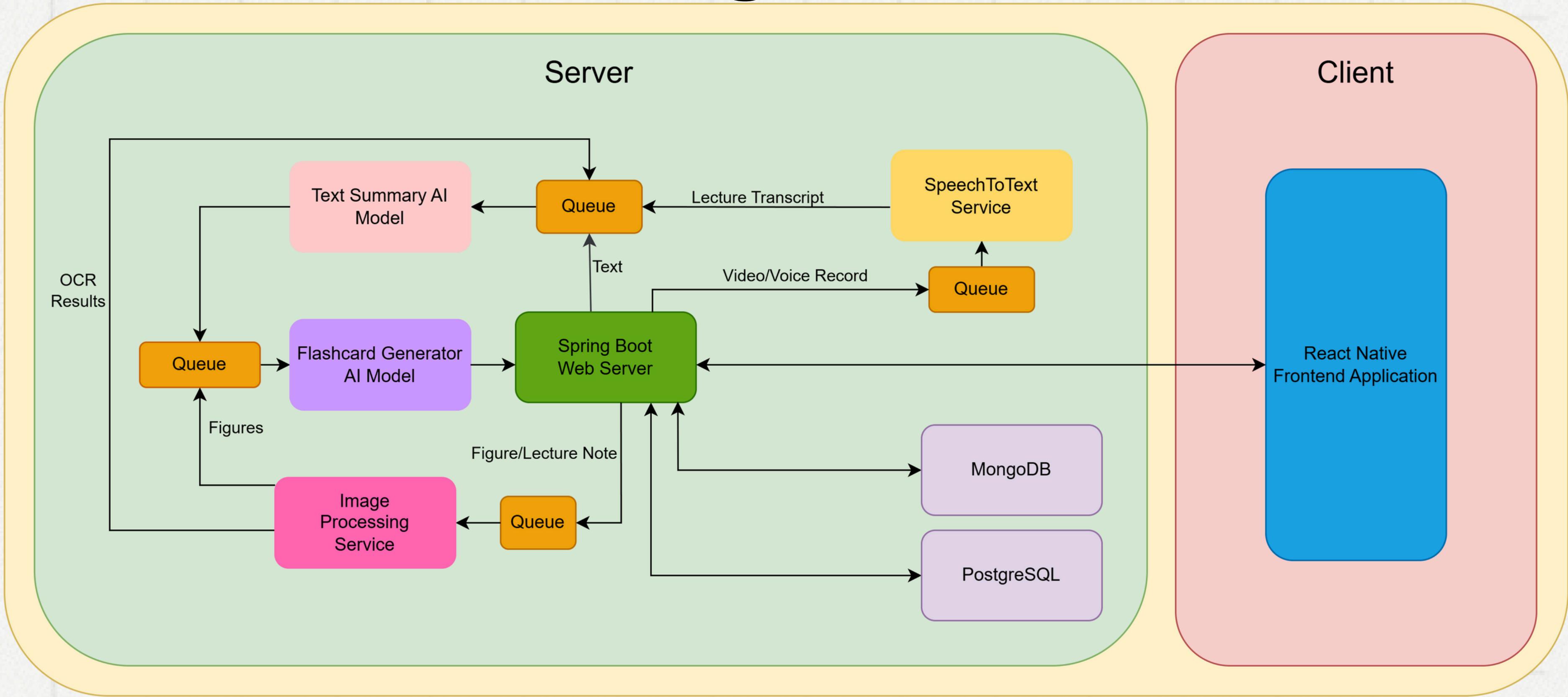
Case studies to simulate real diagnosis process

Project Plan

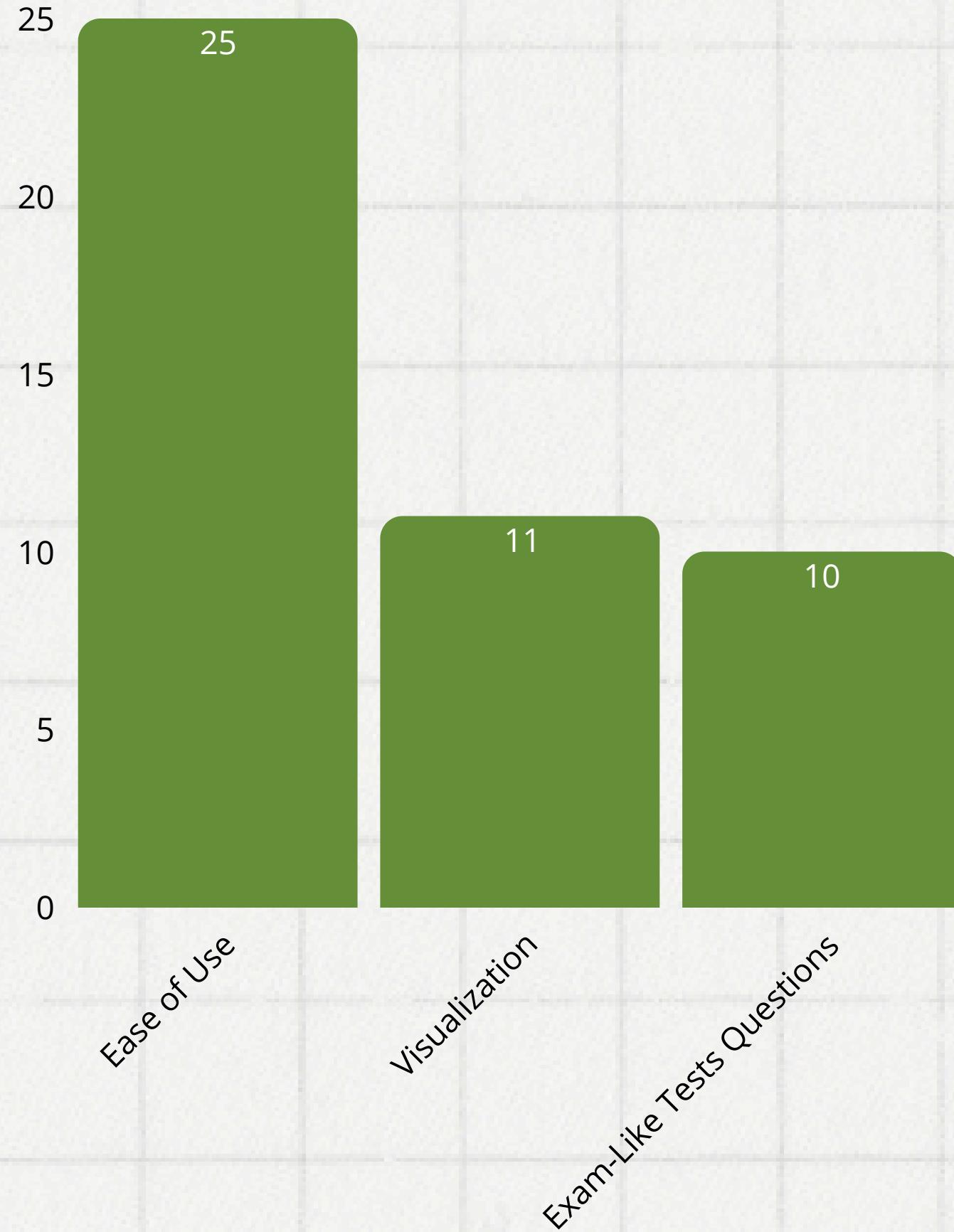


- c: Current
- m1: Minimum Viable Product
- m2: Ready For General User Beta Version
- m3: All Main Features Are Completed
- m4: CS Fair Final Version

Architecture Design



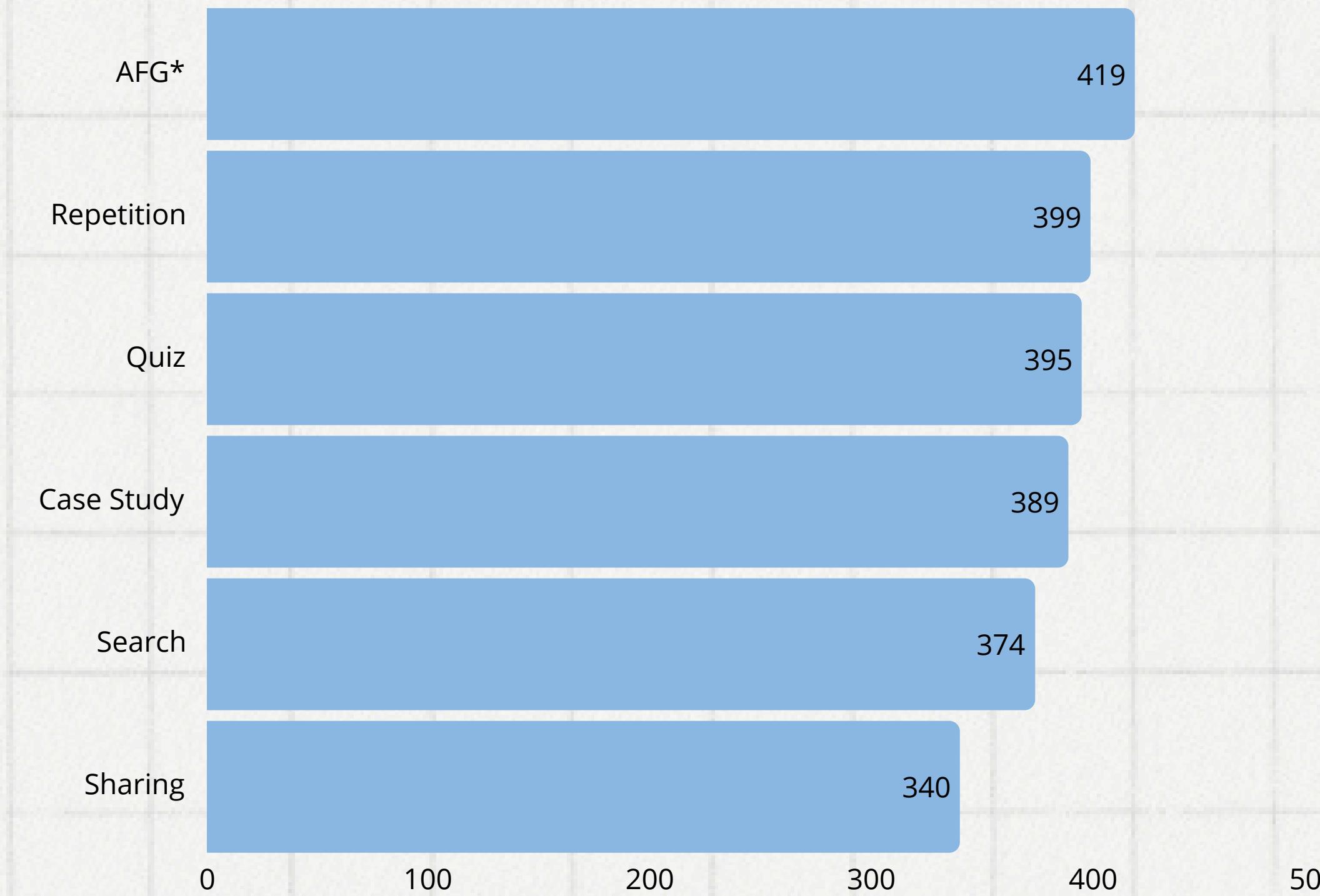
Most Important Features for Flashcard



Before we started designing, we asked potential users in a survey what are their ideal features for flashcard applications. The results indicate:

- Ease of use (basic design) is the most important one.
- Visuals should be added.
- Exam-like tests would be beneficial.

Our App's Feature Scores



Then, we asked them give points between 1–5 for each feature we planned to add. The results indicate:

- Automated Flashcard Generation should be our first priority.
- Except for sharing, all other features should be added as they are given points close to each other.

**Thank you
very much!**

<https://bilkentceleste.github.io/ReMediCard.io/>