



# *MindVault*

AI-Powered Memory Retention & Learning  
Optimization Platform

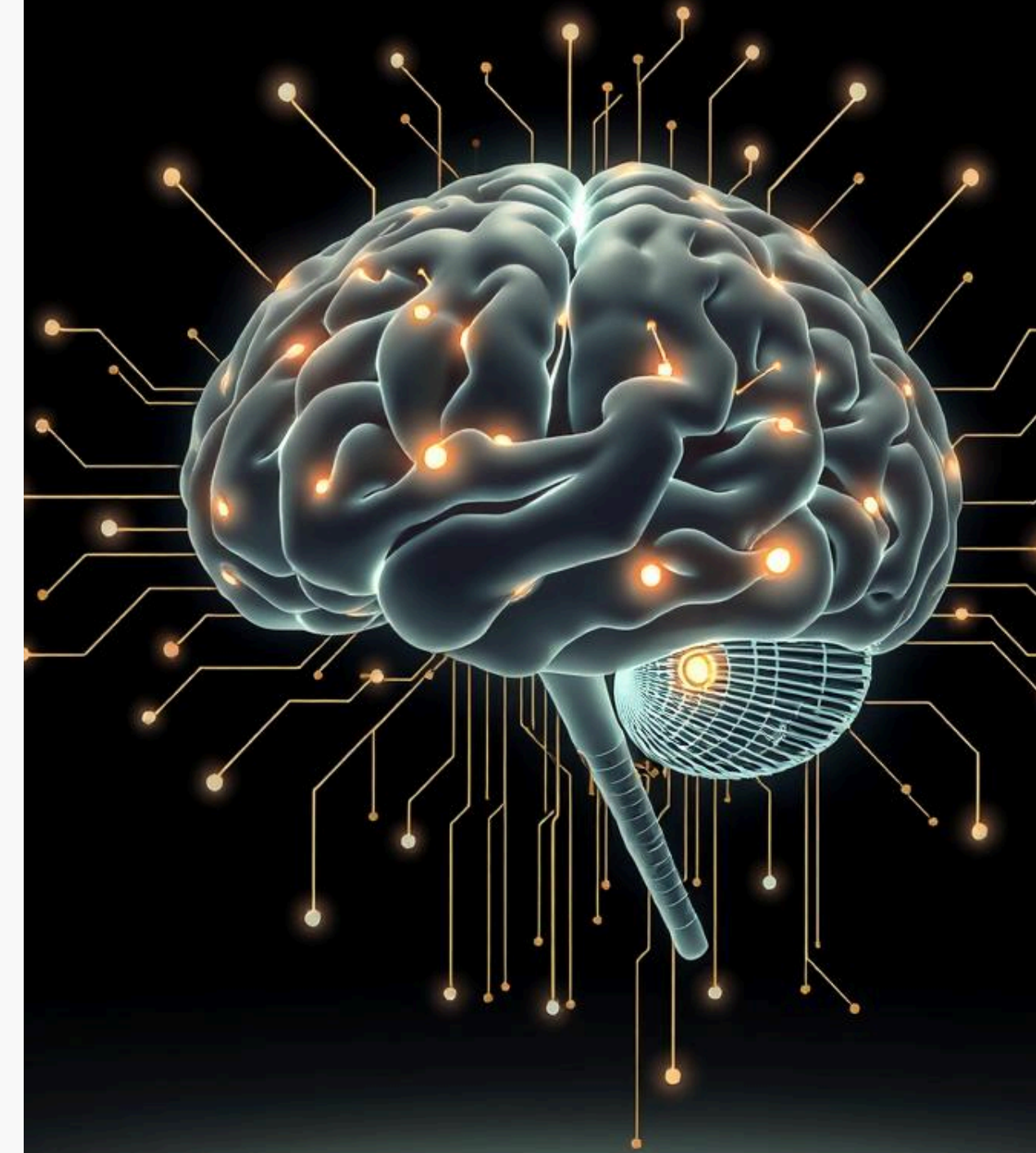
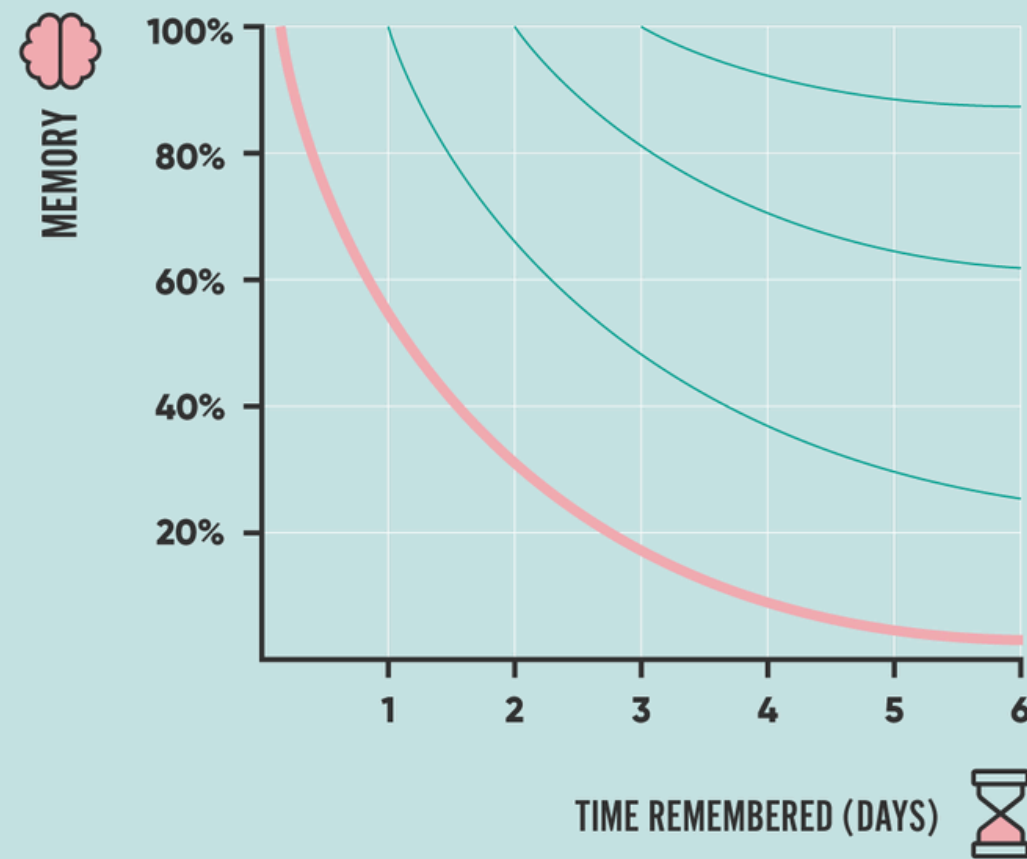
Say goodbye to forgetting and hello to lasting knowledge.



# *The Problem: Ebbinghaus' Forgetting Curve*



## THE FORGETTING CURVE



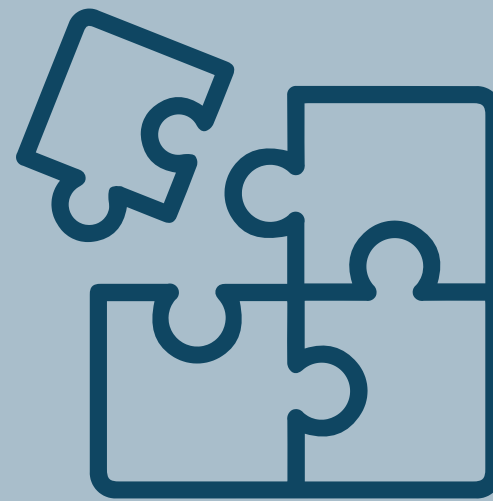
# *The Problem: Ebbinghaus' Forgetting Curve*



## **Rapid Forgetting**

We forget over 50% of new information within an hour of learning it.

Without review, we retain only about 25% of the information after a week.



## **No Adaptive Solutions**

Current solutions don't automatically adapt study material. Adapting the material is key for long-term retention.



## **Practice vs. Reinforcement**

Exam prep platforms focus on practice. But they neglect memory reinforcement.



# Our Solution: MindVault

*MindVault is an AI-driven platform that enhances learning using spaced repetition, active recall, and adaptive AI analytics to combat forgetting.*

## Learning path

Personalized AI-Driven Learning Path: AI analyzes user performance and suggests topic-wise questions based on past mistakes and strengths. Adaptive difficulty allows learners to progress at their own pace.

## AI Planned Calender

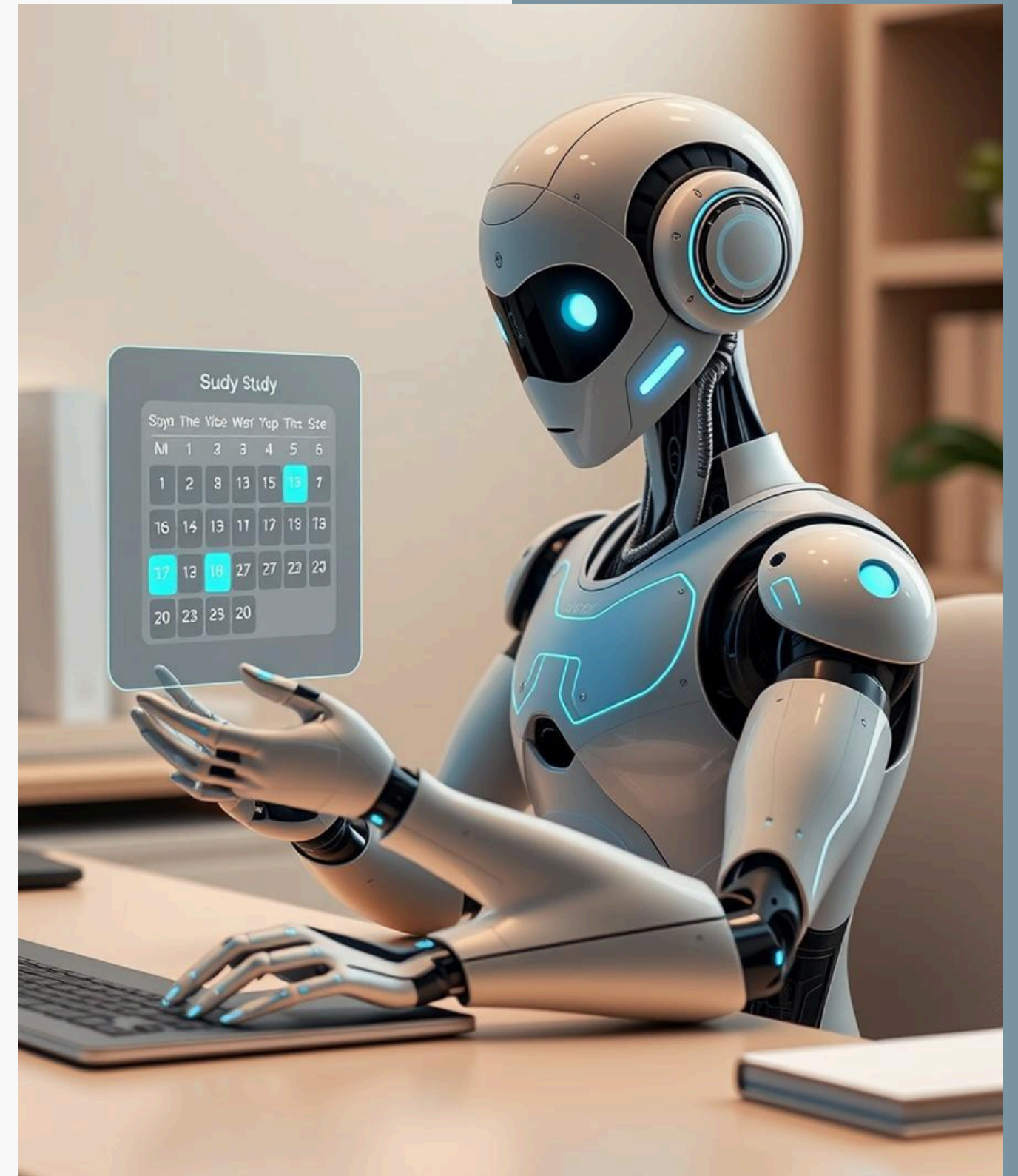
AI schedules revision based on learning patterns, using spaced repetition. Provides personalized reminders for coding practice, mock interviews, and review sessions.

## Smart Flashcards

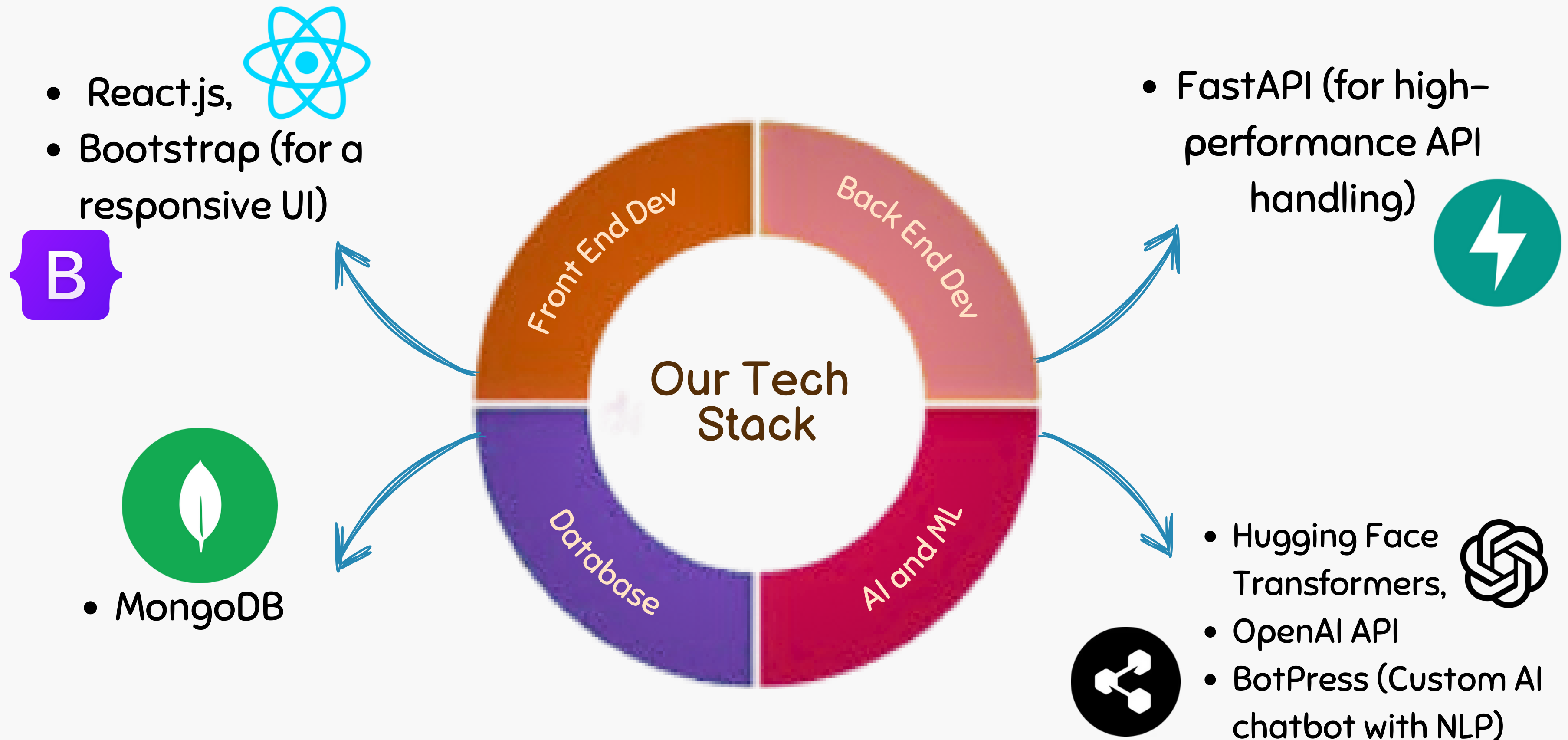
Smart Flashcards  
MindVault auto-creates flashcards and adapts to you! Mark Easy (1 week), Medium (5 days), Hard (1 day)—Easy twice = 2 weeks. Boost retention with spaced repetition & active recall!

## Memora: Voice and chat bot

AI-powered support for hands-free learning, instant query resolution, and interactive guidance via voice commands and chat.



# TECH STACK



# Business Model

## B2B:

### Custom AI Licensing & White-Labeling

- **API Monetization:** Charge universities & EdTech platforms per API call for AI-generated study materials.
- **Bulk Licensing:** Schools & coaching centers pay an annual fee for student access.
- **Corporate Training:** Integrate AI-driven study tools into company LMS for employee upskilling.
- **AI Insights for Universities:** Provide anonymized student performance analytics for curriculum improvement.

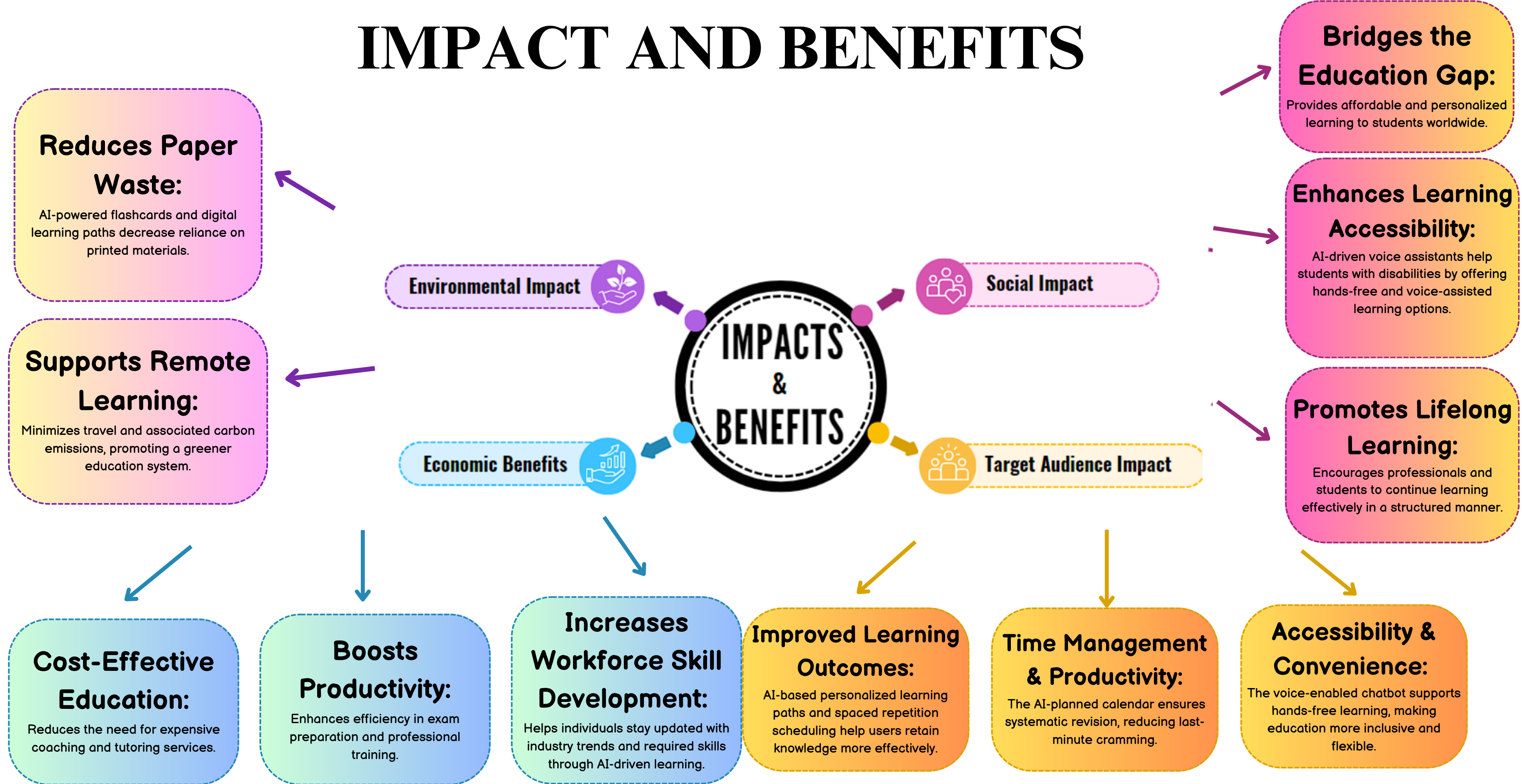


## B2C:

- **Freemium Model with AI-powered Free Plan:**
  - Limited AI-generated flashcards (e.g., 20 per month)
  - Basic AI study planner with reminders
  - Standard progress tracking
- **Premium Plan (Subscription-Based - ₹299/month or ₹2,999/year)**
  - Unlimited uploads & AI flashcards
  - Personalized AI planner with spaced repetition
  - Memory analytics & progress tracking
  - AI voice assistant for Q&A
  - Priority customer support
- **Pay-Per-Feature Microtransactions**
  - One-time purchase for flashcards & quizzes
  - On-demand AI tutoring sessions (voice/text), billed per session
- **Gamification & Referral Program**
  - Earn XP to unlock free features.
  - Refer friends for rewards

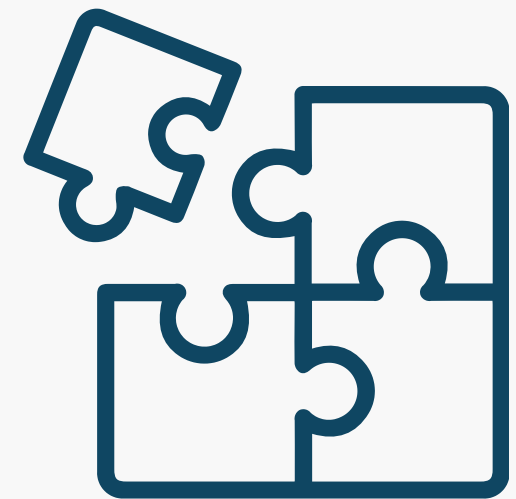
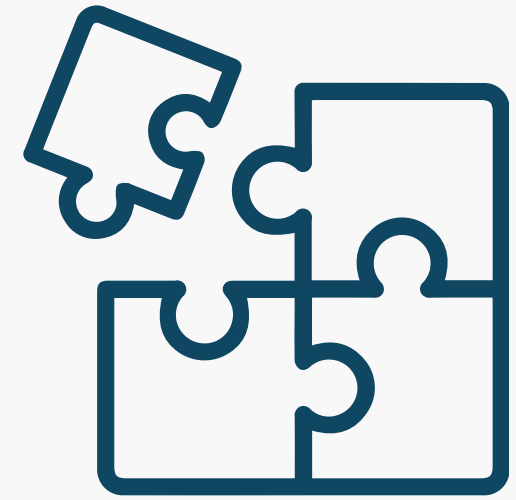


# IMPACT AND BENEFITS



# *Future Scope*

- Multilingual & Accessibility Features – Supporting multiple languages, voice-based interactions, and accessibility features for differently-abled learners to make quality education universal.
- AI-Based Study Buddies & Group Learning – Users can collaborate with AI-powered study partners or join peer groups where MindVault matches learners based on similar weaknesses.
- MindVault Chrome Extension – A browser extension that allows users to highlight text from any website or PDF and instantly convert it into a flashcard or quiz.





### Test Your Knowledge

Dive into interactive quizzes that'll put your brain to the test and help you learn like a champ!



### Your Personalized Study Companion

Chat away or use your voice to get instant help from your AI buddy—no hands required! ✍️



### Stay Organized and On Track

Keep your study game strong with a smart calendar that knows your schedule and helps you stay on top of things! 📅 ✨

### Track and Improve

Keep an eye on your learning journey with cool analytics that show off your strengths and where you can level up! 📊 🚀

**Boost grade.  
Not stress.  
Free for students.**



*Thank you*

