

DESIGN THINKING

PERSONALISED LEARNING
SYSTEM

Big Data And Artificial Intelligent New Innovation

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INTRODUCTION



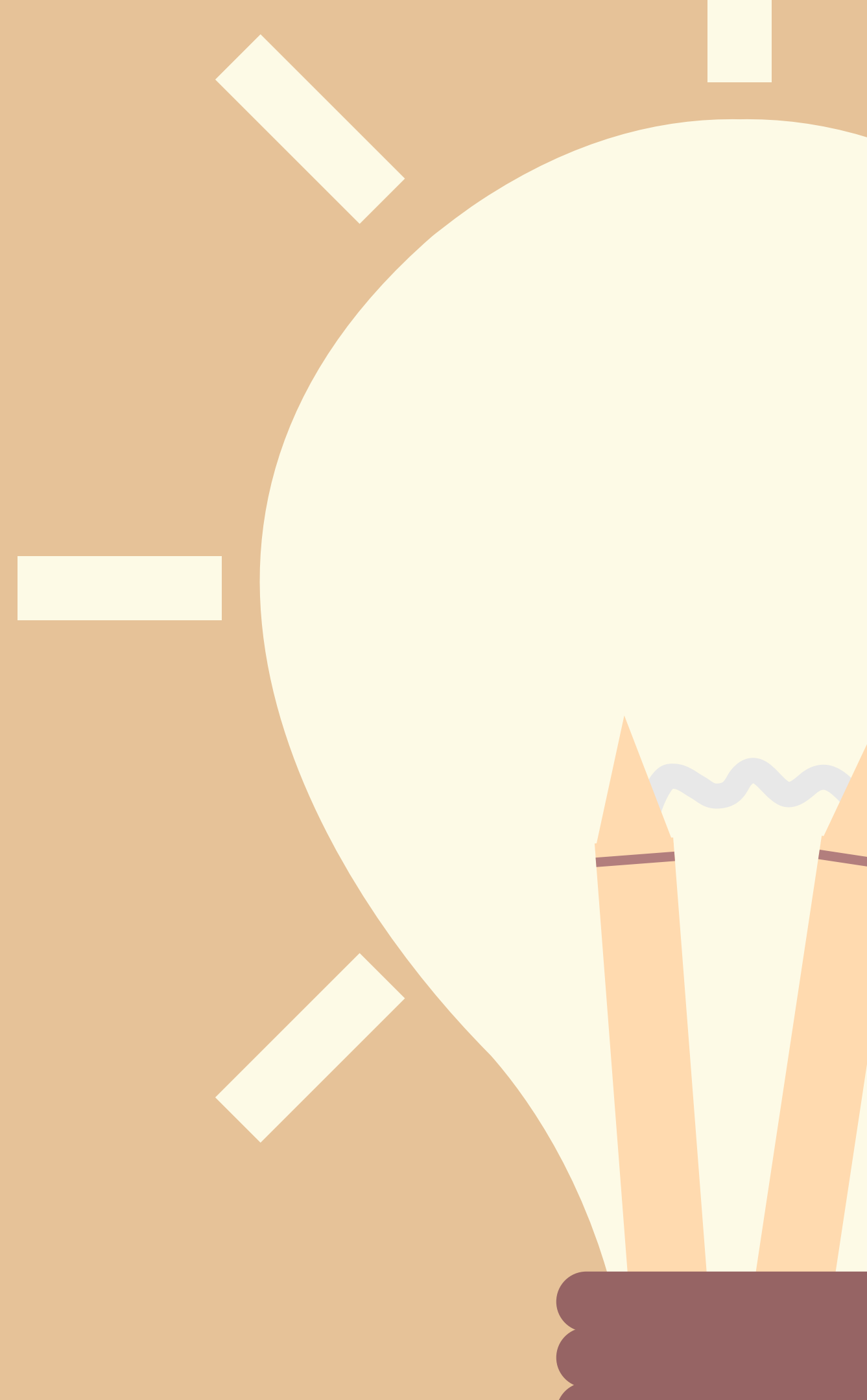
Big Data collects insights on student behavior and learning patterns.



AI uses this data to personalise learning and automate tasks.



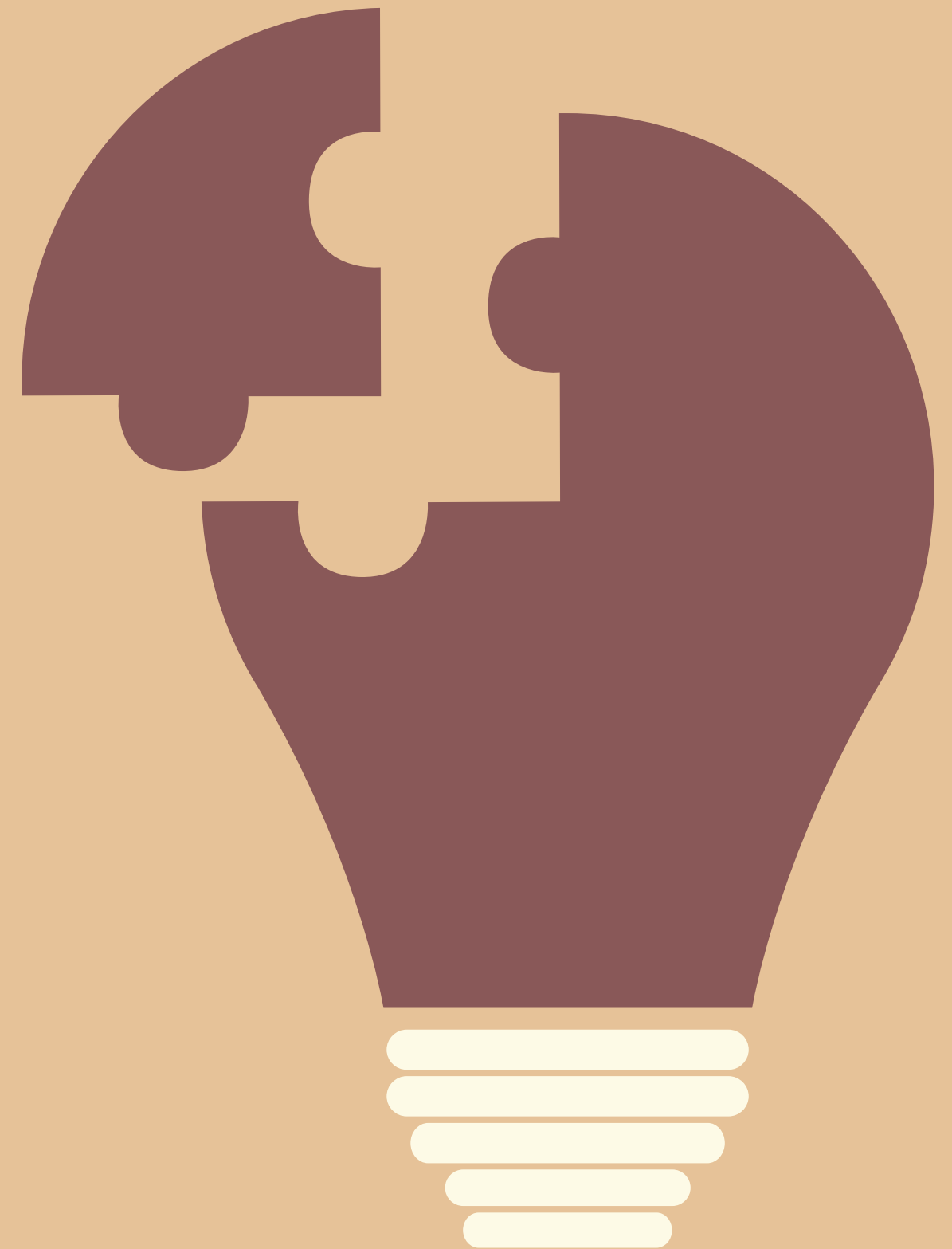
Together, they create adaptive, efficient, and inclusive learning environments.



PURPOSE

To create a personalised mobile learning app powered by AI and Big Data that:

- ✓ Adjusts to each student's learning pace and style.
- ✓ Provides custom recommendations based on learning behavior.
- ✓ Helps students track their own progress and stay motivated.
- ✓ Supports students with special needs, such as ADHD or dyslexia, by offering accessibility features.



FEATURES

- ★ **User Profiling:** App customizes learning based on user behavior, interests, and pace.
- ★ **Accessibility:** Features like text-to-speech and reading aids.
- ★ **Flexible Scheduling:** Students can schedule study sessions based on their free time.
- ★ **Interactive Content:** Video lessons, summaries, flashcards, and audio notes
- ★ **Progress Tracking:** Dashboards that show learning progress and performance.
- ★ **Adaptive Quizzes:** Questions that change in difficulty based on student performance



FUNCTIONALITY

Prototype Demo

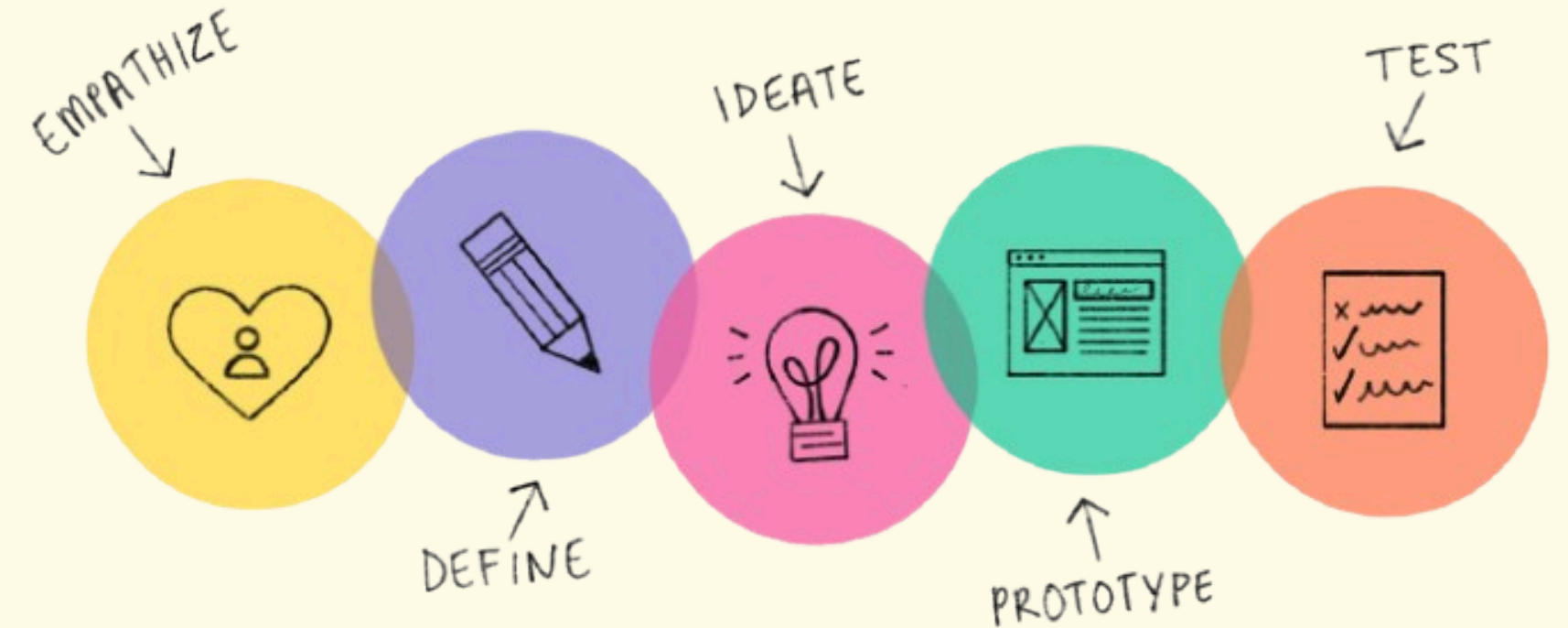
CONCLUSION

SmartEdu solves key problems in education:

- Fast teaching pace
- Lack of personalization
- Low engagement
- Inadequate feedback

With the use of AI and Big Data, the app:

- Helps students learn better and stay on track
- Empowers lecturers to offer personalized support
- Supports inclusive learning for students with different needs





THANK YOU!

