INTRODUCTION

Problem: Manual quiz creation is time-consuming, inconsistent, and inefficient.

Solution: LeadEval uses AI to streamline quiz generation and assessment processes, ensuring alignment with course objectives and saving significant time.
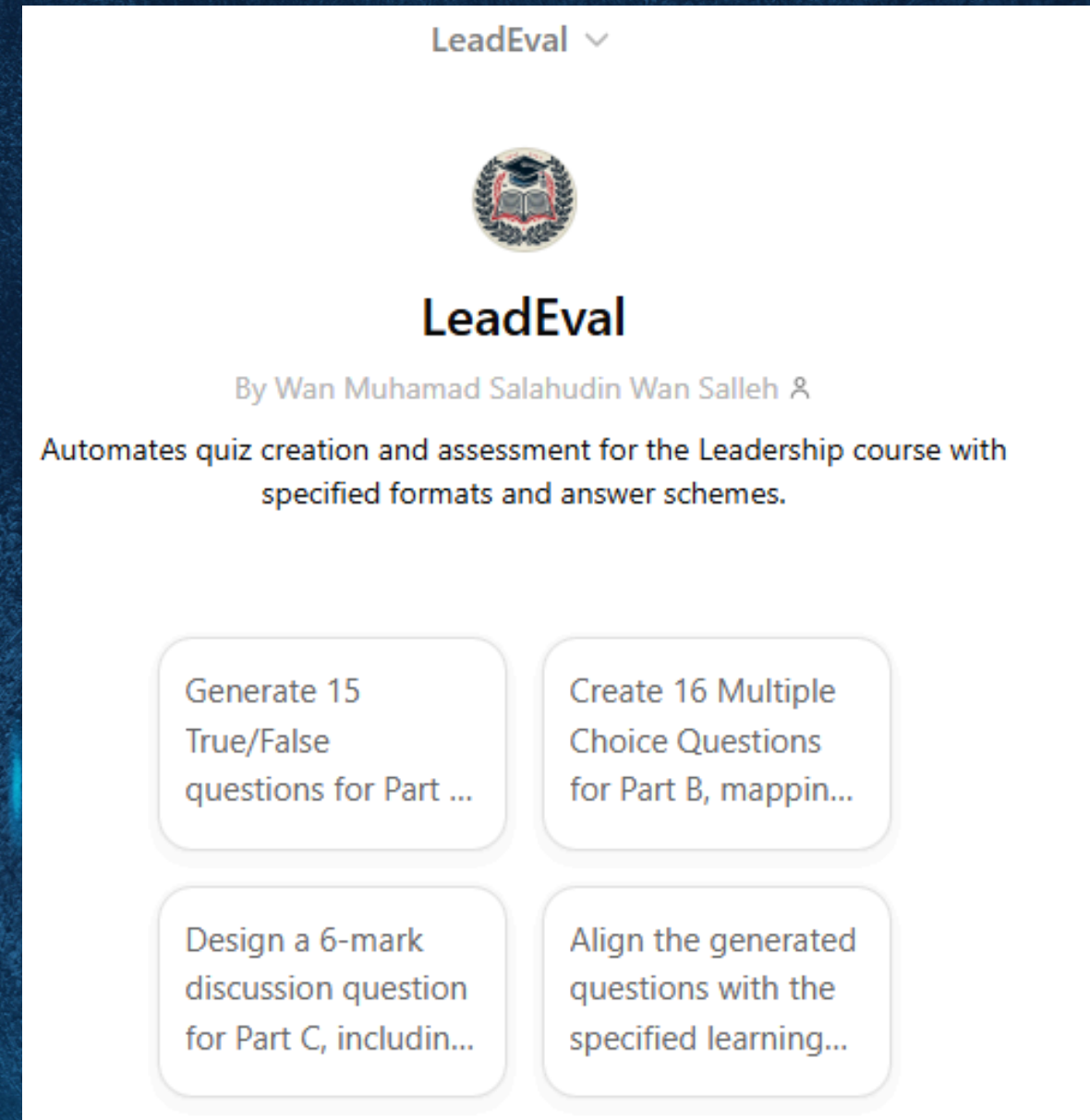
AI-DRIVEN QUESTION GENERATION

Key Benefit: Generates MCQs, MTFs, and case studies that are relevant to learning objectives.

Impact: Enhances student assessment by covering critical thinking and understanding across diverse question types.

Generate 15 True/False questions for Part A of the quiz.

Here are 15 True/False questions for Part A of the quiz, aligned with the course learning outcomes from the provided materials.

Part A: True/False Questions

1. **Leadership can be defined as the ability to influence a group toward the achievement of a vision or set of goals.**
   - **Answer:** True
   - **Learning Outcome:** Explain leadership concepts.

2. **Emotional intelligence has no significant impact on a leader's effectiveness.**
   - **Answer:** False
   - **Learning Outcome:** Analyze leadership effectiveness.

3. **Transactional leadership focuses on exch ↓ ges between leaders and followers to meet their self-interests.**

Generate 1 case studies question

Part C: Case Study Question

Case Study: A company named **TechSol** has been struggling with employee morale and productivity. The leadership team consists of department heads who have traditionally followed a **transactional leadership** style, offering rewards for meeting specific targets and penalizing poor performance. Recently, the company's sales have dropped, and several key employees have left, citing a lack of recognition and personal growth opportunities. The CEO, noticing this trend, wants to shift the leadership approach to a more **transformational style**, where leaders can inspire and motivate employees by focusing on personal development, innovation, and shared goals.

As part of this change, the CEO has tasked each department head to evaluate their leadership methods and make recommendations for improvement.

METHODOLOGY

DEVELOPMENT

Built on GPT-4, LeadEval processes course materials to ensure accuracy.

KEY FEATURES

Retains course themes and continuity through stateful memory.
Continuously learns and updates with user feedback.

PILOT TESTING

- Results: Pilot testing validated the system's effectiveness.
- Feedback: Refined algorithm based on coordinator feedback for better relevance, difficulty, and alignment with learning outcomes.

RESULTS

- Efficiency: 50% time reduction in quiz creation.
- Variety: Broader assessment coverage with multiple question formats.
- User-Friendly: Easy for coordinators to input course content and customize questions.

ENHANCED ASSESSMENTS

- Improved Quality: Coordinators found questions more challenging and aligned with learning outcomes, improving student evaluation.
- Continuous Adaptation: Keeps evolving with changing course objectives.

DEEPER LEARNING

- Diversity of Questions: Promotes deeper learning and preparation for real-world applications.
- Adaptability: Remains effective even as course content evolves.

CONCLUSION

- Scalable & Adaptable: LeadEval can extend to other courses and faculties.
- Global Potential: Commercialization possibilities can revolutionize course management and student engagement worldwide.

FUTURE WORK

- Expansion: Scaling LeadEval to other courses and faculties.
- User-Centric: Continuous improvement based on user feedback.
- Vision: Potential to set a global standard for AI-driven education tools.
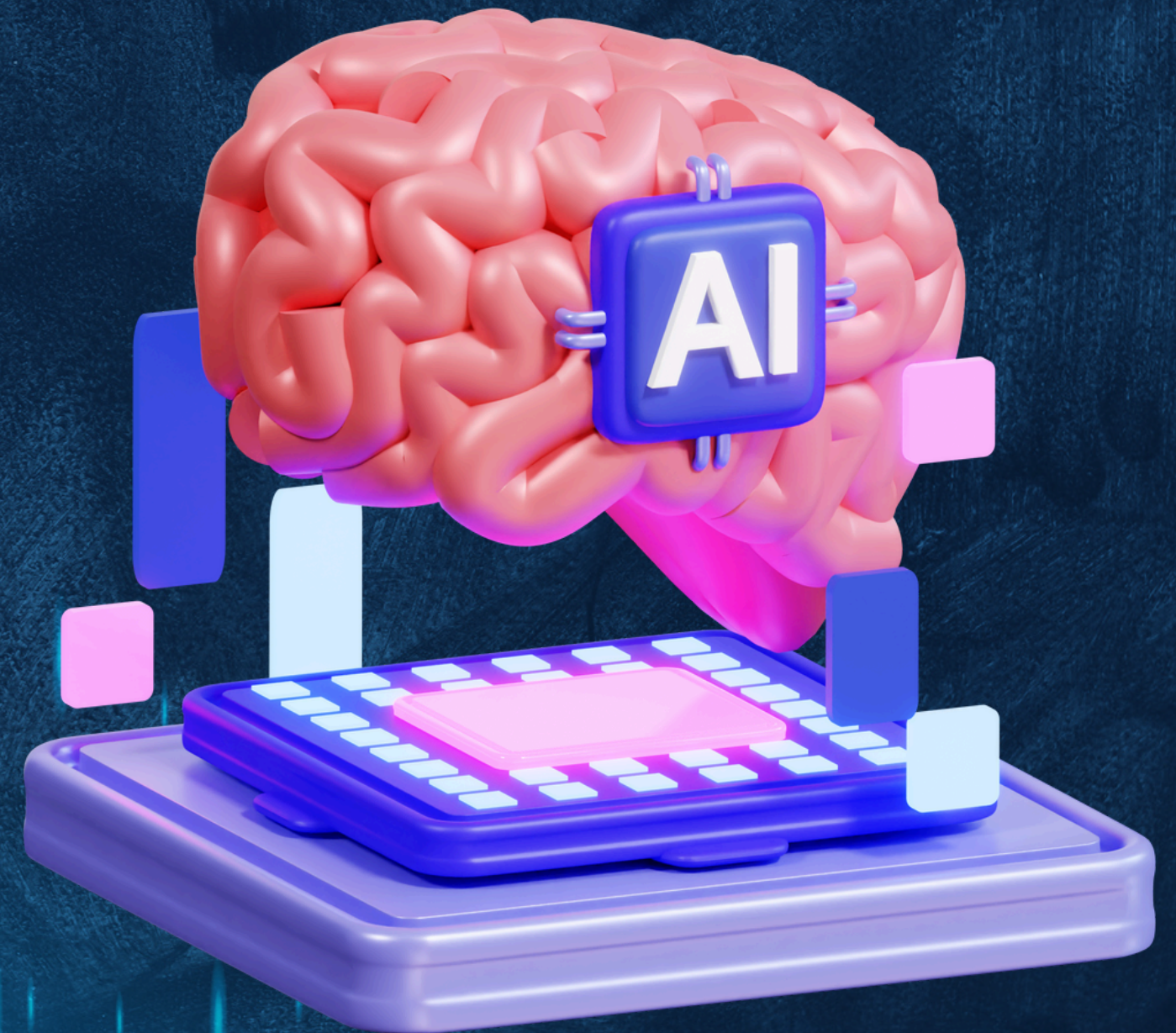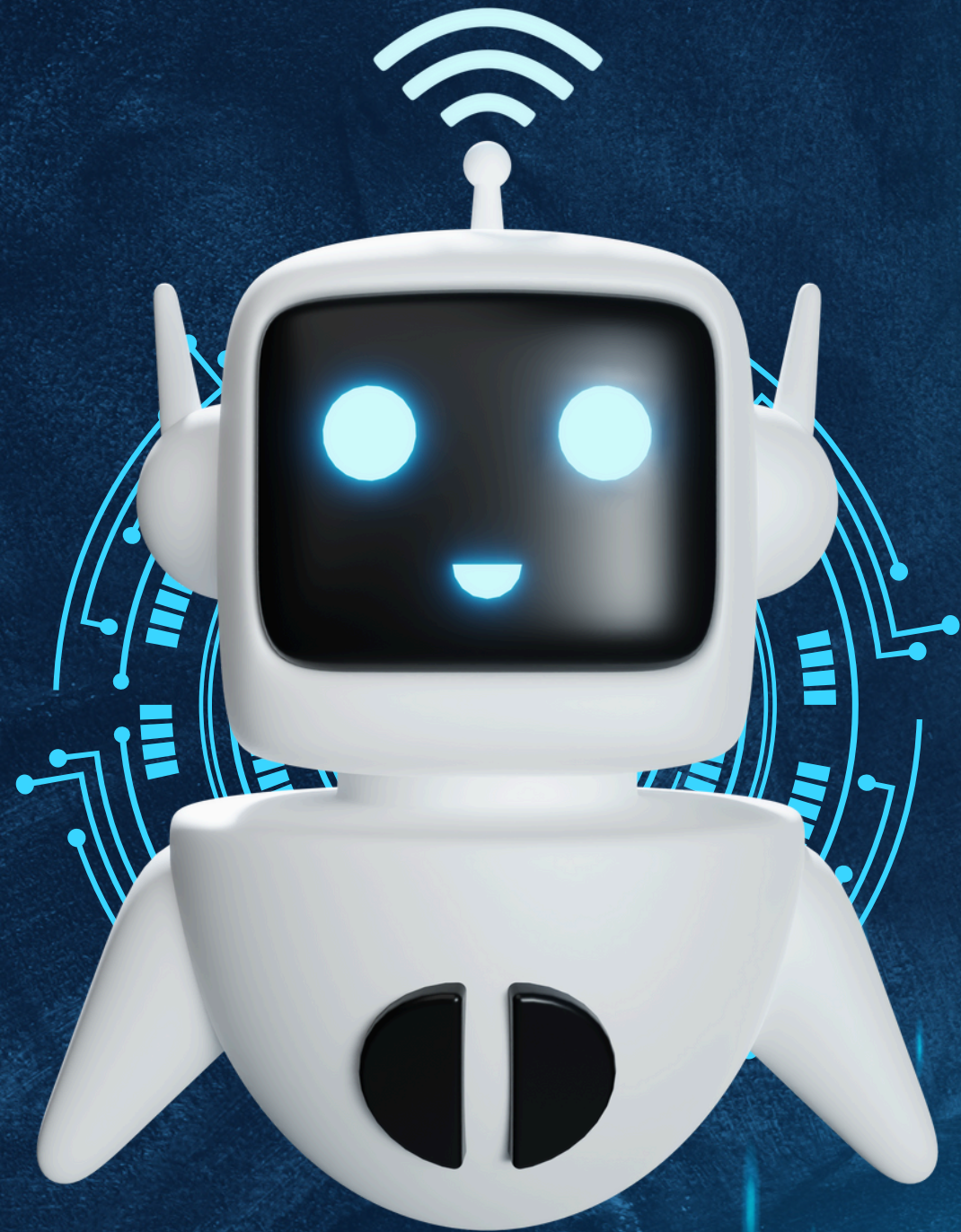
COMMERCIALIZATION STRATEGY

1. Target Market: Universities and corporate training programs.
2. Revenue Model: Subscription or per-user licensing.
3. Partnerships: Integrate with learning platforms like Moodle. Collaborate with content providers.
4. Scalability: Expand to other faculties and institutions.
5. Marketing: Webinars, demos, and conferences. Build an online presence.
6. Future Growth: Move into corporate leadership training.

THANK YOU!

Let's demo