

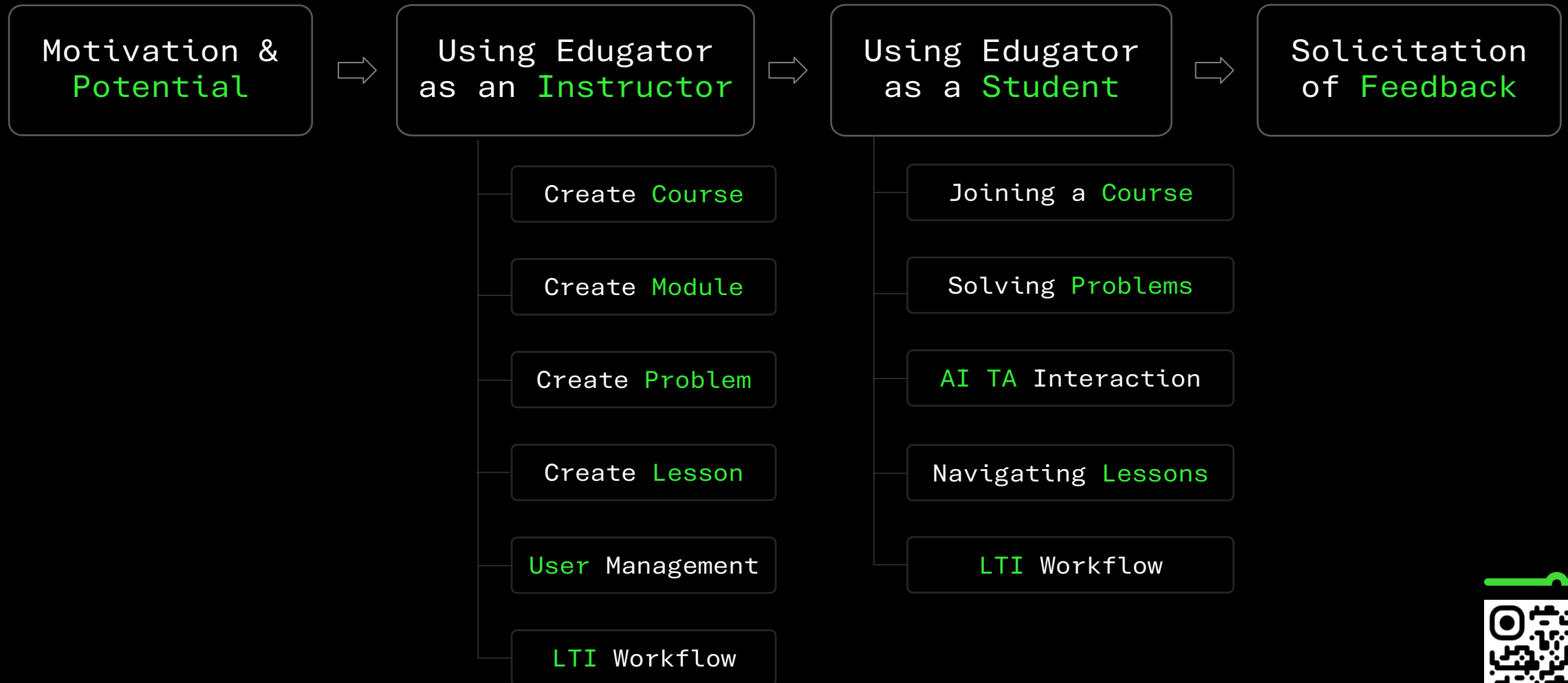


Edugator

An AI-enabled Tool for Creating & Delivering Interactive Computing Content

Marc Diaz, Dustin Karp, Prayuj Tuli, Amanpreet Kapoor
Computer & Information Science & Engineering | Engineering Education
University of Florida
kapooramanpreet@ufl.edu

Agenda



Motivation

■ Instructor challenges

- Giving timely feedback to students 🕒 📝
- Steep learning curve for new tools 📈 🧠
- Time for authoring 🕒 💻
- Deviation from course workflows 🔄 📖
- High costs 💎 💰

■ Student challenges

- Static and passive content 📄 🧠
- Delayed and inconsistent feedback 🕒 ❌



Enter Edugator

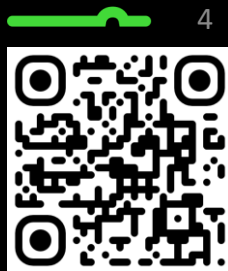
The screenshot displays the Edugator web application interface. The top navigation bar shows the course title 'Data Structures and Algorithms' and a user profile icon. The left sidebar contains a 'Course Content' menu with a tree view of lessons and problems. The main content area is divided into three sections: 'Problem', 'Solution', and 'Testing'.

Problem Section: The problem is titled 'Are Permutations' and is due on Tuesday, March 21, 2023. The problem statement asks for a method to check if an array of strings are permutations of each other. Sample test cases and constraints are provided.

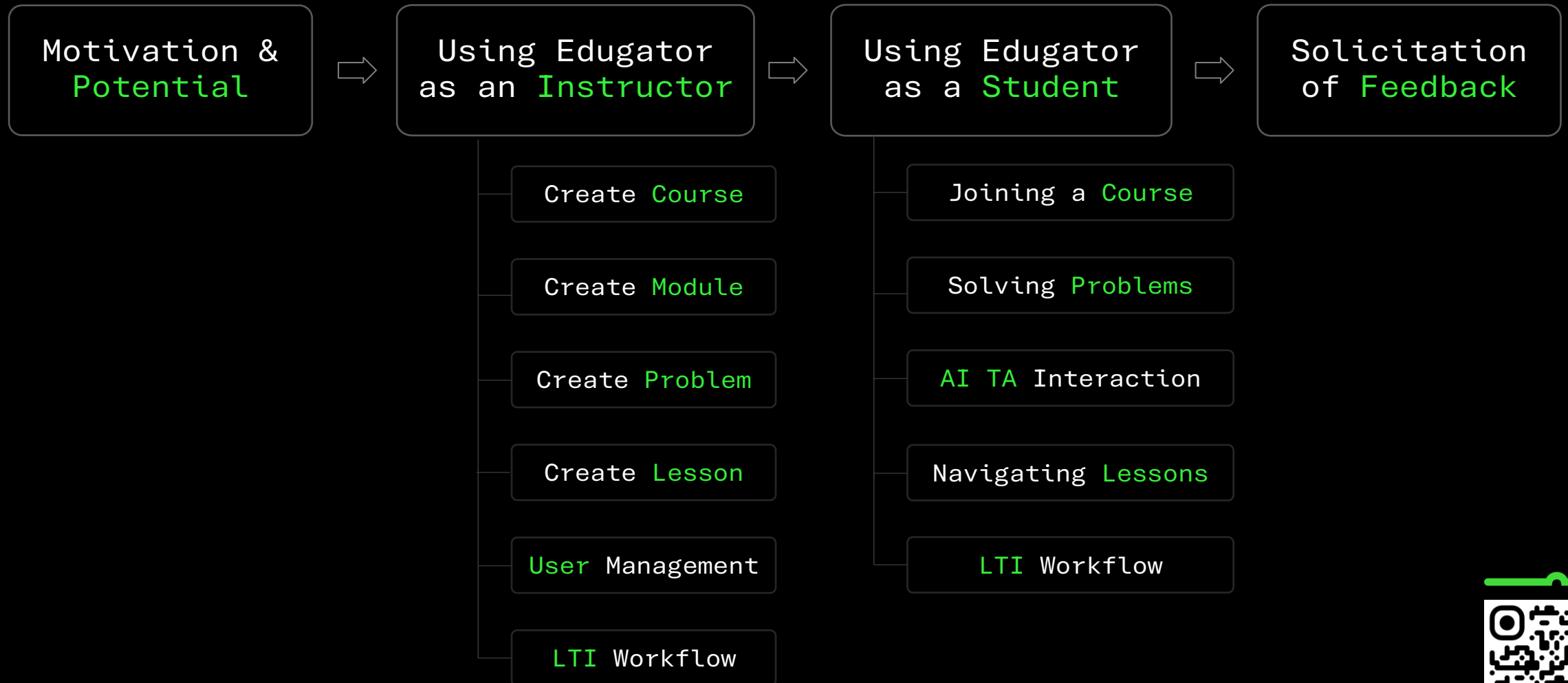
Solution Section: The solution is a C++ program named 'Are_Permutations.cpp' that implements the permutation check using a map.

Testing Section: A table shows the results of running the code on various test cases.

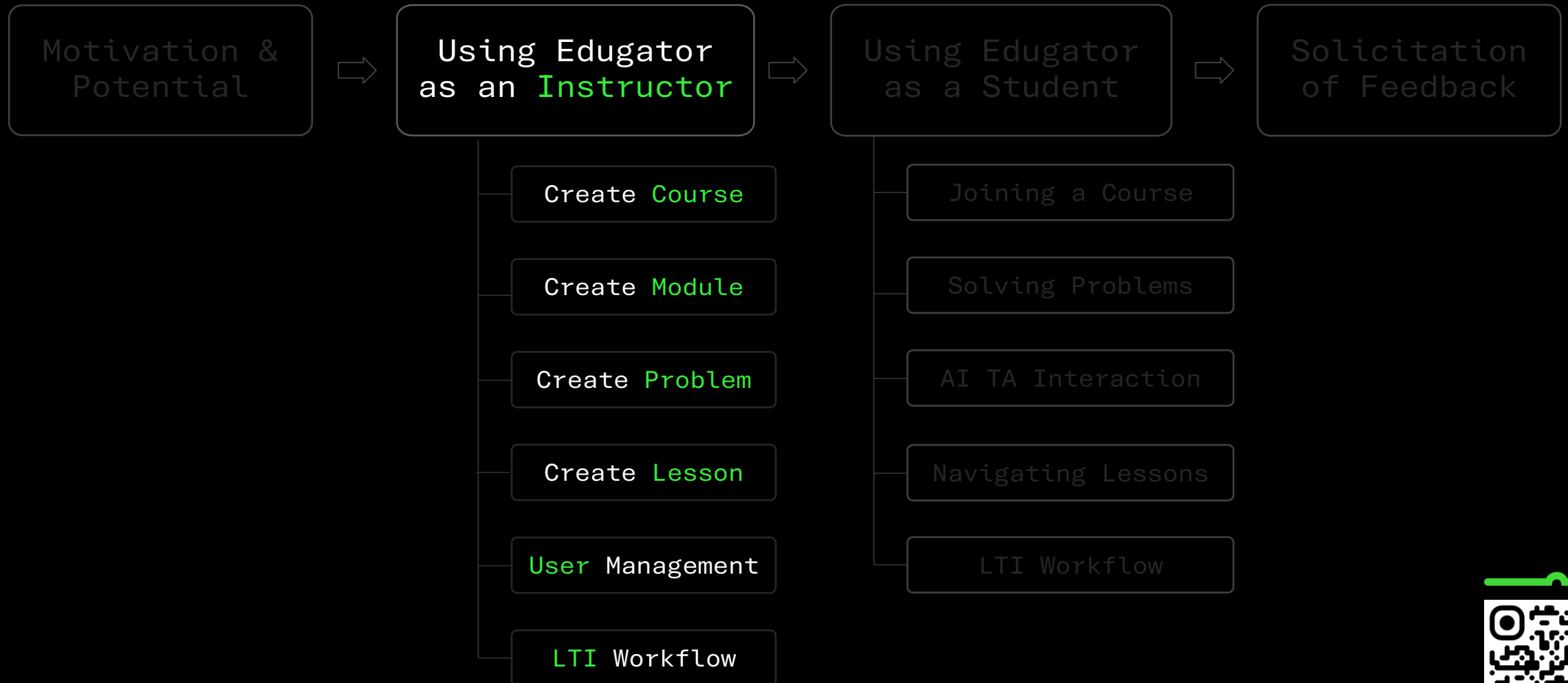
INPUT	OUTPUT	EXPECTED	RESULT
abba bbaa aabb	false	true	✗
abc abbc	false	false	✓
gator rotag sator	false	false	✓
shoes sheso hesos shooes shoe	false	false	✓



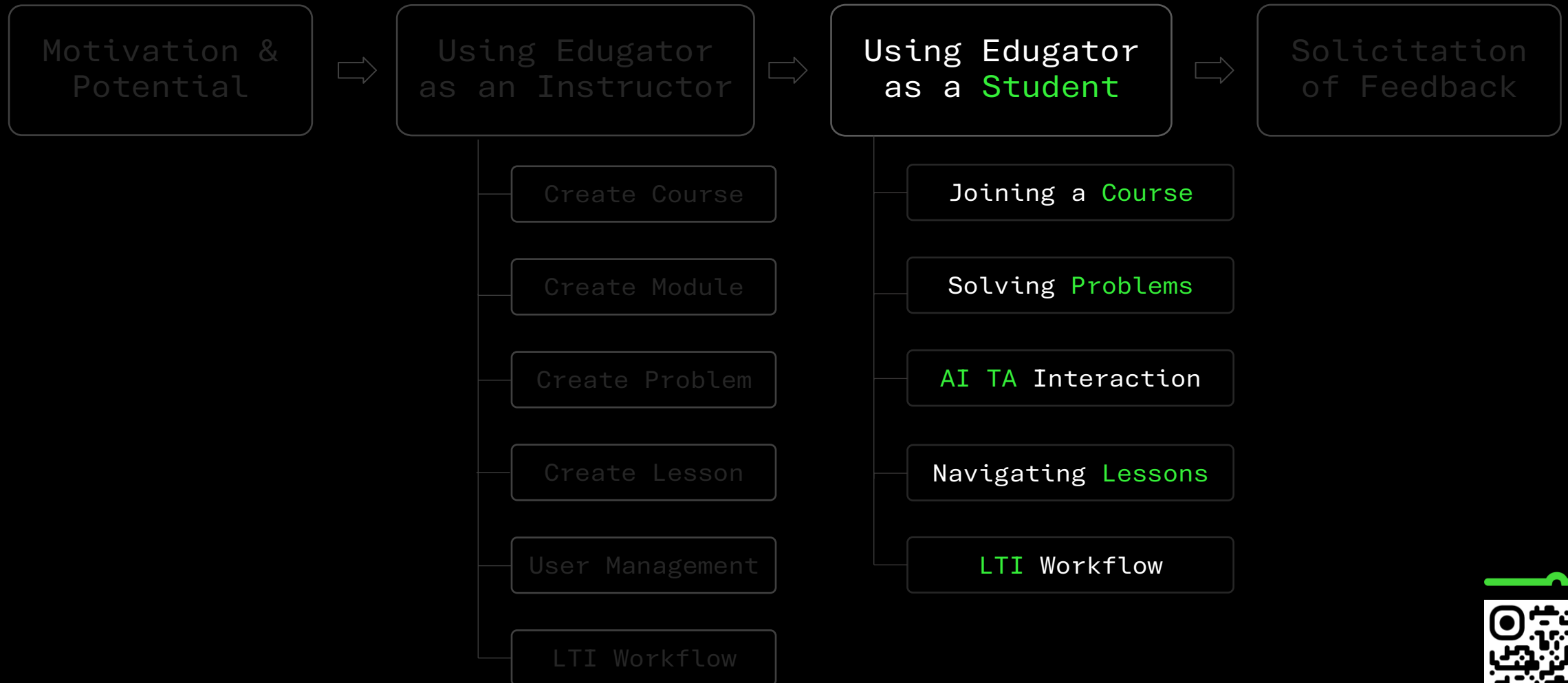
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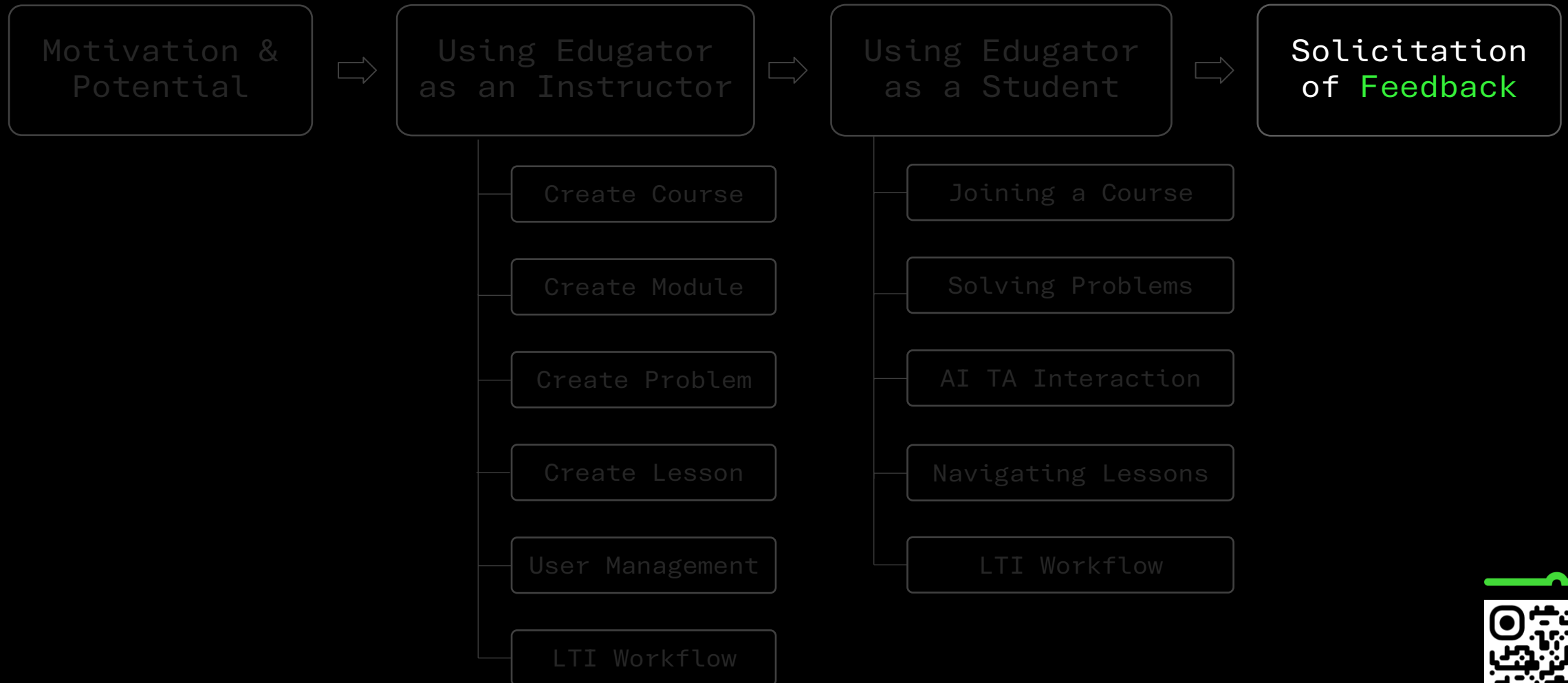
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🚀 Interested in using  Edugator & accelerating learning by doing in computing education? 🎓 ✨

Questions?

