

PRE-SYNOPSIS

AREA OF WORK : Machine Learning and Software Engineering

PROPOSED TITLE : Course generator using AI

TYPE OF APPROACH : Web Application

WORKING MODEL : An individual Web Application.

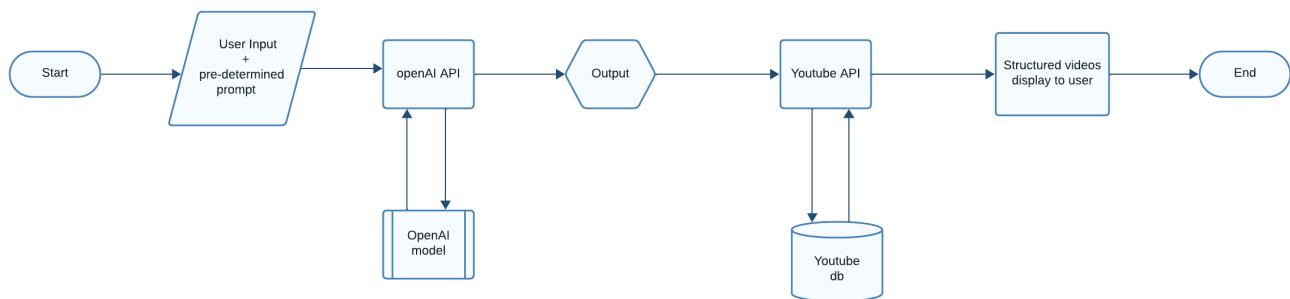
CONCEPT/IDEA :

A strong and flexible course creation tool that uses generative AI to let users easily create organized courses on any subject of their choosing using the massive YouTube resources. It creates a collection of excellent video lectures that empower students, making it the perfect platform for individualized and self-paced learning.

OBJECTIVE :

- to create a user-friendly Web application for individualised instruction.
- Ensure a user-friendly interface and cross-device interoperability.
- Depending on the course material, use AI algorithms to scrape YouTube.
- A feedback mechanism that allows for ongoing search pattern optimization.

BLOCK DIAGRAM :



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CS-73

SOURCE OF IDEA :- Self.

Reference:

- [Is-ChatGPT-Leading-Generative-AI-What-is-Beyond-Expectations.pdf \(sitic.org\)](#)
- [Journal of AI » Submission » Education in the Era of Generative Artificial Intelligence \(AI\): Understanding the Potential Benefits of ChatGPT in Promoting Teaching and Learning \(dergipark.org.tr\)](#)