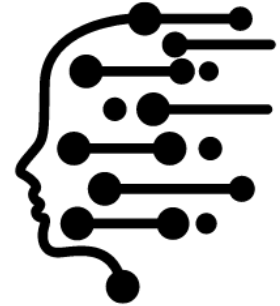# smartLectures.ai

A product by Nidhi Mann & Aditya Kumar

Problem Statement

There is a growing demand for an AI-based tool that can help students process lectures in any language. The tool should be able to accurately transcribe audio input from lectures and translate it into the student's preferred language. Existing transcription and translation tools often have limitations in accurately capturing the nuances of language and subject-specific terminology, which can lead to misinterpretations and misunderstandings. Furthermore, students need a tool that can operate seamlessly across a variety of platforms and devices, providing them with flexible access to their lecture notes. Therefore, there is a need for an AI-based tool that can transcribe and translate lectures with high accuracy and efficiency, while also providing a user-friendly experience across various platforms and devices.

1. Introduction

smartLectures.ai provides a seamless experience for the students to help them excel in the lectures

➜ **Experience lectures in any language**

➜ **Easily generate notes about the topic**

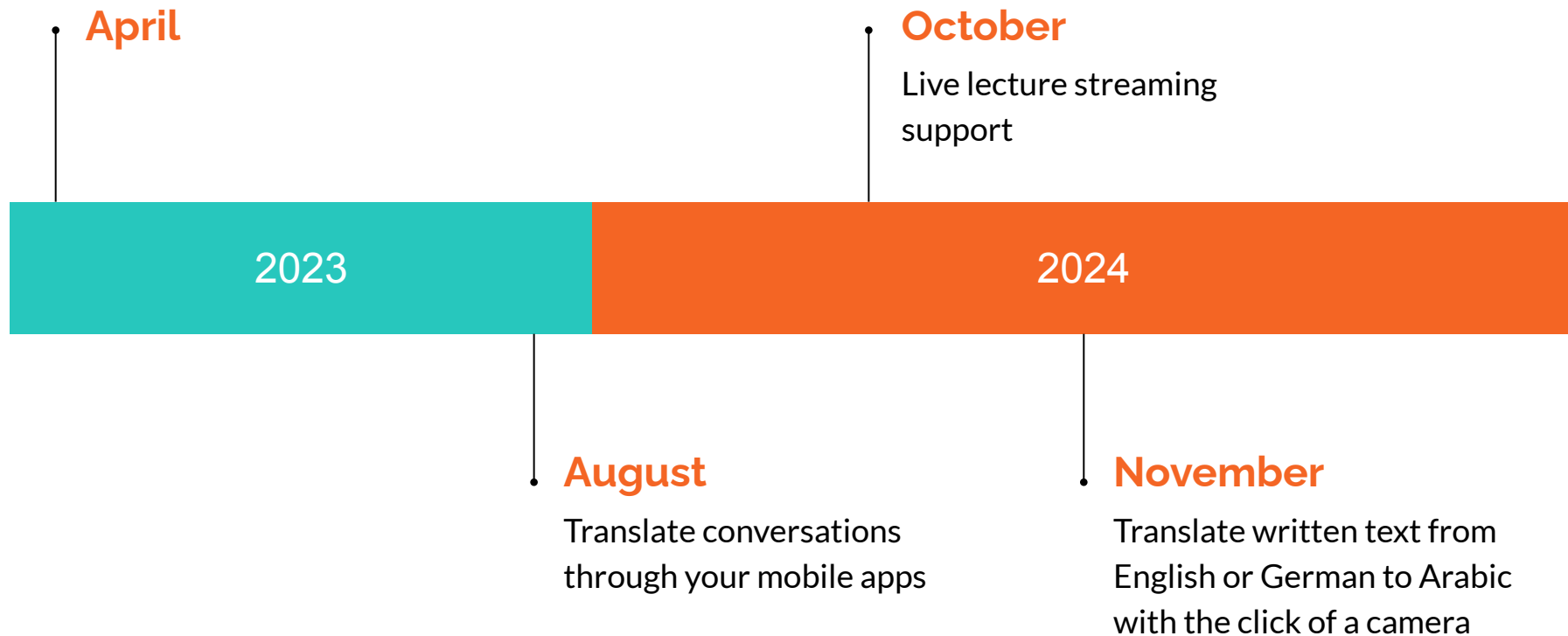➜ **Prepare Questionnaire to prepare the topic better**

2. Tech Stack

→ **Backend running Python**

→ **Frontend built on Vue3+Typescript**

→ **Docker infrastructure to run the application**

3. Roadmap

➔ Support to download the original transcripts

➔ Improve the notes, quizzes and other information about the seminar/lecture

➔ This tool can be used during live seminars to use during the seminar and generate the post seminar MoM and information about it

➔ Targeting students throughout the world to support any language

Future Milestones

April

October

Live lecture streaming
support

2023	2024

August

Translate conversations
through your mobile apps

November

Translate written text from
English or German to Arabic
with the click of a camera

What people are saying

With this app, I'm confident to plan a trip to rural Vietnam

Wendy Writer, CA

Visual translation feels like magic

Ronny Reader, NYC

Translate has officially inspired me to learn French

Abby Author, NYC

Quotes for illustration purposes only