

AI Tutor



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01 Introduction



Online/Offline Tutor : Ai Companion

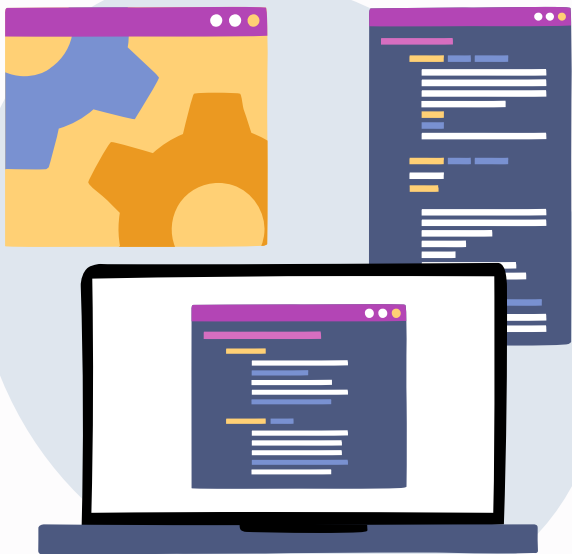
- AI that adapts to the learner's mood, energy, and personality
- Designed not just for academic help but for personal growth
- Continuously learns and evolves with the user
- Operates offline, ensuring privacy and emotional intelligence





02

Why We Need this ?



Why

We Need this ?

Many learners struggle with generic tutoring systems that fail to recognize emotional needs. These rigid, one-dimensional tools lead to disengagement and burnout. At the same time, most platforms prioritize data collection over privacy. There's a clear need for a tutor that understands, adapts, and respects the learner.

03

Who Else Is Doing This?



Who Else Is Doing This?

Khan Academy – Khanmigo

Offers AI tutoring with step-by-step help. However, it lacks emotional depth and still feels generic.

Duolingo & BYJU's

Duolingo uses gamified, rule-based learning. BYJU's provides rich video content — but both lack real personalization or mood adaptation.

ChatGPT & Similar Tools

While powerful, tools like ChatGPT don't retain your mood, energy, or long-term personality traits unless explicitly instructed.

Most tools respond
– but they don't relate.

NeuroX fills this gap with an AI
that builds trust, adapts
emotionally, and promotes
holistic growth.



04

**Why Choose
Our **AI Tutor** ?**

Our Solution

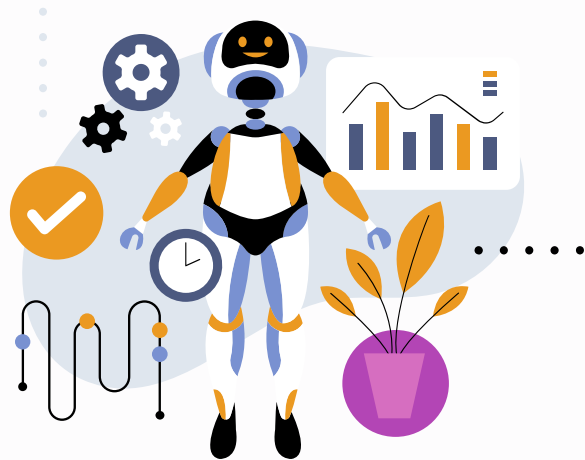
Emotion-Aware AI

NeuroX adjusts its tone, pace, and style based on the learner's current mood and mental state, making interactions feel more human and supportive.

Offline & Online

Unlike cloud-based systems, NeuroX also runs offline, ensuring complete privacy and access anytime – without sacrificing performance.



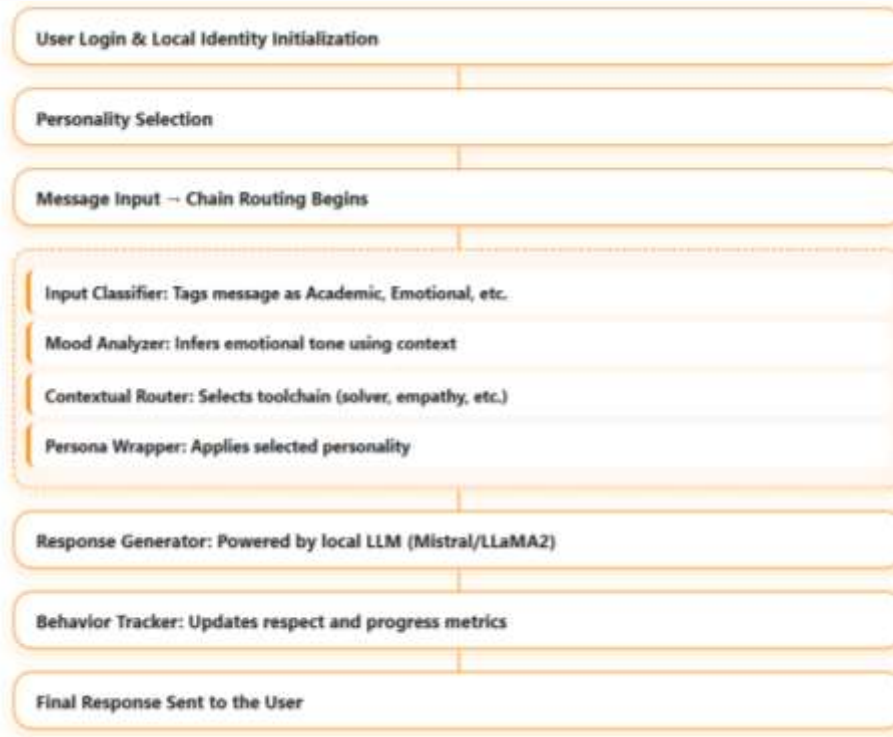


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How it Works?

How it Works?

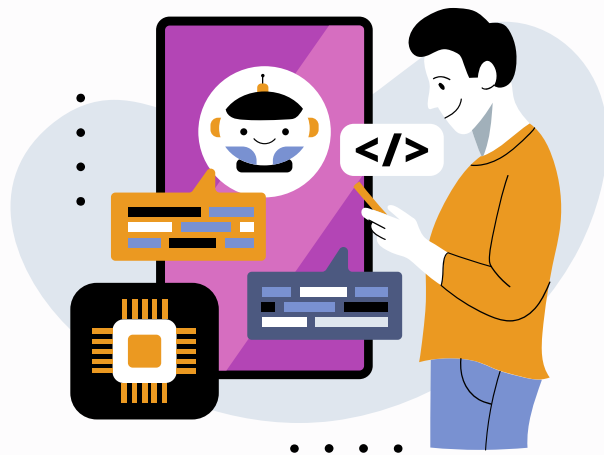
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- Our **AI tutor** uses a chain of intelligent, privacy-first tools to adapt responses based on user input, mood, and context.
- Responses are generated **locally** and **personalized** through selected personas.

06

Targeted Users



Targeted Users

School Students (K-12)

- **Age:** 9-17
- **Focus:** Homework help, fundamentals, behavior-building
- **Why We Fit:** Emotion-aware replies, gamified progress, discipline support

College Students & Young Adults

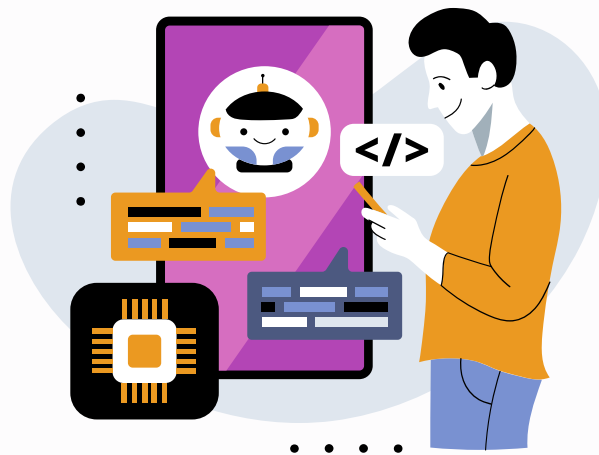
- **Age:** 18-25
- **Focus:** Concept mastery, productivity coaching
- **Why We Fit:** Persona-based interaction, mood-adaptive learning, accountability

Corporate Learners

- **Use Case:** Onboarding, soft skills, upskilling
- **Why We Fit:** Role-specific tutors, feedback loops, team insights

07

Implementation Timeline



Implementation Procedure

6-Week Implementation Timeline

Week	Milestone	Key Deliverables
1	System Setup & Local Hosting	Ollama + LangChain, offline foundation, initial Streamlit UI
2	Core Functionality Build	Input classifier, mood analyzer, base response chain
3	Tutor Personas Integration	Mentor UI, personality tone logic
4	Gamified Learning & Tracking	XP system, behavior metrics, respect tracking
5	Front-End Enhancements	Avatars, flow diagrams, step-by-step solvers
6	Testing & Pilot Deployment	Real-school feedback, bug fixes, optimized offline bundle

08



Conclusion

Why It Matters ?



"Today's students **live with AI**, yet most tools remain **robotic and detached**.

We built something different – a local, offline-ready AI tutor that adapts like a mentor, **motivates like a coach, and listens like a friend.**

It doesn't just answer – it **inspires, disciplines, and evolves with the learner."**

THANK YOU!

By Team NeuroX

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