

# GEN AI Project

*Innopolis University*

March 2025

## Team

**Team name:** Inno-Sama

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**Repository:** <https://github.com/dadagust/GenAI-Inno-Sama/>

# Project topic: Development of an LLM-based Neuro Avatar System

- **What has been done so far:** This week, successfully launched an uncensored Llama 3-8B model on our server as part of neuro avatar project. Also, successfully implemented real-time voice recognition and response functionalities for Neuro Avatar, allowing it to understand and respond to spoken commands in both English and Russian. Pyaudio library was used for the voice recording and two vosk models were used for creating text from recorded audio. Using Coqui/XTTS-v2 for the text-to-speech part, transferring the model's response to audio format.
- **Results:** The model has produced good-quality responses, demonstrating good understanding of the context and her role. We've seen enhanced interaction quality, especially in contextual understanding and engagement.

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