Ministry of Science and Higher Education of the Republic of Kazakhstan

Korkyt Ata Kyzylorda University

Institute of Artificial Intelligence

Approved

Chairman of the academic quality
Committee of the Institute of
Artificial Intelligence

_____ N. S. Kulmurzaev

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PLAN

for the "LLM-LAB" Club

for the 2025-2026 academic year

Kyzylorda, 2025

Club Goals and Objectives:

Goal:

To deepen students' knowledge in the field of Artificial Intelligence and Large Language Models (LLMs), teach them to work with open and local models, and develop practical skills for building AI-powered solutions.

Objectives:

1. To study the fundamentals and mechanisms of LLMs;
2. To conduct experiments with open-source models such as Ollama, Gemma, Phi, Qwen, and DeepSeek;
3. To master prompt engineering and API integration through Python;
4. To design and develop chatbots, assistants, and AI-driven tools;
5. To prepare students for hackathons, research projects, and startup activities.

Relevance of the Student Club

The "LLM LAB" club is highly relevant for university students for several key reasons:

1. Developing AI competencies:
   Students learn how large language models work, their architectures, and real-world applications.
2. Practical experience with modern tools:
   Club members gain hands-on experience with open and local models using platforms like Ollama and Python-based APIs.
3. Fostering innovation and engineering thinking:
   Participants work on real AI projects, develop problem-solving skills, and build innovative prototypes.
4. Career and research preparation:
   The club helps students get ready for hackathons, startups, and scientific research, promoting teamwork and leadership.

Thus, the "LLM LAB" club empowers students to become creators and innovators in the field of artificial intelligence, enhancing their professional skills and contributing to the university's reputation for technological excellence.

"LLM-LAB" Club PLAN

for the 2025–2026 Academic Year

S/n	Activity	Implementation Period	Responsible Person	Venue	Completion Mark
1.	Admission and introductory meeting of club members. Presentation of directions: LLMs, Ollama.	September	Club Leader	Room 308	
2.	Practical session on **Prompt Engineering** and fundamentals of Large Language Models.	October	Club Leader	Room 308	
3.	**LLM Integration with Python** — connecting open models through API (Ollama, Gemma, Phi, Qwen).	November	Club Leader	Room 308	
4.	Team collaboration on **AI Projects** — design, coding, and testing.	December	Club Leader	Room 308	
5.	**Demo Day** — presentation of student AI projects and recognition of best teams.	January	Club Leader	Room 308	

Director of the Institute of Artificial Intelligence: N. S. Kulmurzaev

Club Leader: Y. Kanat