MEETING REPORT (05/02/2025)

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- Time : 17h30 - 18h00
- Date : 05/02/2025
- Location : Bât 15, Campus St-Charles

1. MEETING OBJECTIVES

The meeting was convened to discuss the project "Graph-Based Biaffine Semantic Parser of French" within the UE Projet/Communication Scientifique of the Master 2 IAAA program. The discussion focused on (1) outlining the expected project outcomes, (2) addressing pertinent questions, (3) detailing the initial implementation steps, and (4) providing valuable advice for executing the project.

2. THE EXPECTED OUTCOMES

The expected results of the project are twofold. On the technical-academic side, the project aims to develop an application capable of performing semantic parsing on French corpora—specifically utilizing the Sequoia corpus—through a graph-based biaffine model. The application is intended to be optimized and evaluated using metrics tailored to the unique challenges of processing generic graphs and labeled dependency structures. Additionally, the project seeks to assess the potential for integrating this topic into future teaching curricula.

3. ANSWERING QUESTIONS ABOUT THE PROJECT

- There are multiple versions of the Sequoia corpus available. The version used during coursework is a simplified one, whereas a more comprehensive version exists that contains additional samples, features, and structural variations. **For the initial stages of the project, the simplified version provided during class is preferred.**
- Recall the differences between arbitrary graphs and trees in the context of semantic parsing.
- Provide a simple explanation of predicting labeled dependency structures.

4. INITIAL STEPS

The first step of the project consist of two main tasks :

- Deep understanding on the given task and its challenges as well as the literatures on "Graph-based biaffine semantic parsing"
- Begin coding the TP6 of PSTAL (base version plus second extension if possible). Ensure the code functions correctly and compare the results. This task should be completed within one week and will serve as the project's foundation.

5. NEXT MEETING

The next meeting is scheduled to take place in two weeks at the Luminy campus, with the exact date and time to be announced later.