

Group 10 Final Project Proposal

Paper: **Look-Ahead Planning in Large Language Models**

Aimed Category: **Excellent (A–B)**

Students:

- Alexander Holmberg (alholmbe@kth.se)
- Pontus Linde (ponlin@kth.se)
- Dante Wesslund (dantew@kth.se)

Does the proposal include all the required sections? Does it include all the required content in each section?

Yes

If the answer is no to the two questions above, does it require resubmission? How? By when?

Is the project proposal aligned with the aimed grade?

Yes

If the project proposal goes beyond the aimed grade, why? -

If the project proposal promises below the aimed grade, why? -

Is the project proposal computationally infeasible? How?

The project is computationally expensive, given the number of experiments and the requirement of fine-tuning the LLMs. But the students have access to computational resources.

Additional Suggestions (Optional): Do you have any additional suggestions when they design their experiments and/or evaluation, or implement the project, or write their report?

Given time and resource constraints, the reproduction of experiments can be considered carried on LLaMA-2-7B only. The implementation code is unavailable, but details are provided in the papers cited in the extraction-rate and information-flow sections.

Bonus parts (Optional): What would count as bonus in their proposed plan?

Other notes (Optional): Any other notes they should consider?