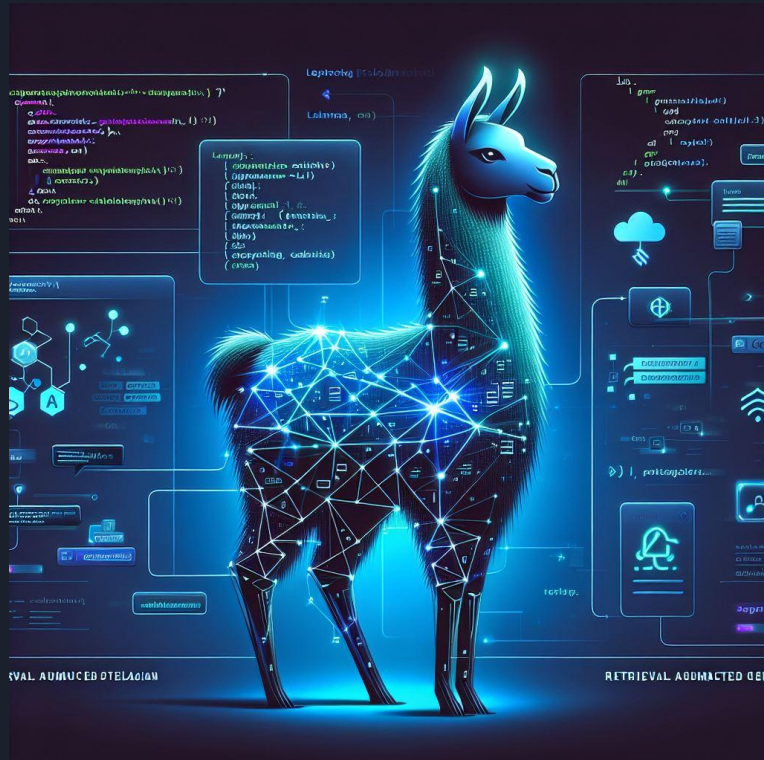


LeetLLama



Your AI companion in your coding journey



The Project's Goal

LeetLLama is designed to aid an aspiring Software Engineer in his or her coding journey

The user will prompt a leetcode problem of easy-medium difficulty and obtain a response from the model, which is partial, and the user will keep prompting the model for the next response until termination

Only when the final response is received by the user, can the system be prompted for a full response

Since the system is RAG-based, the admin can augment the knowledge base and/or change the used model



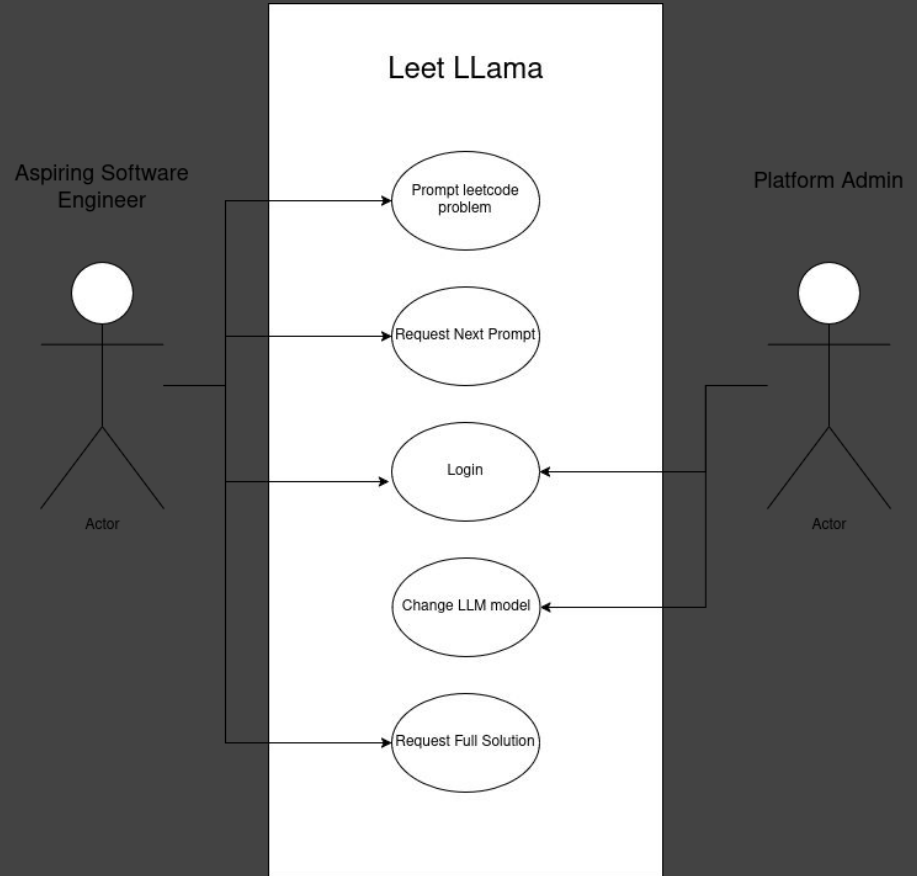
Potential Impact

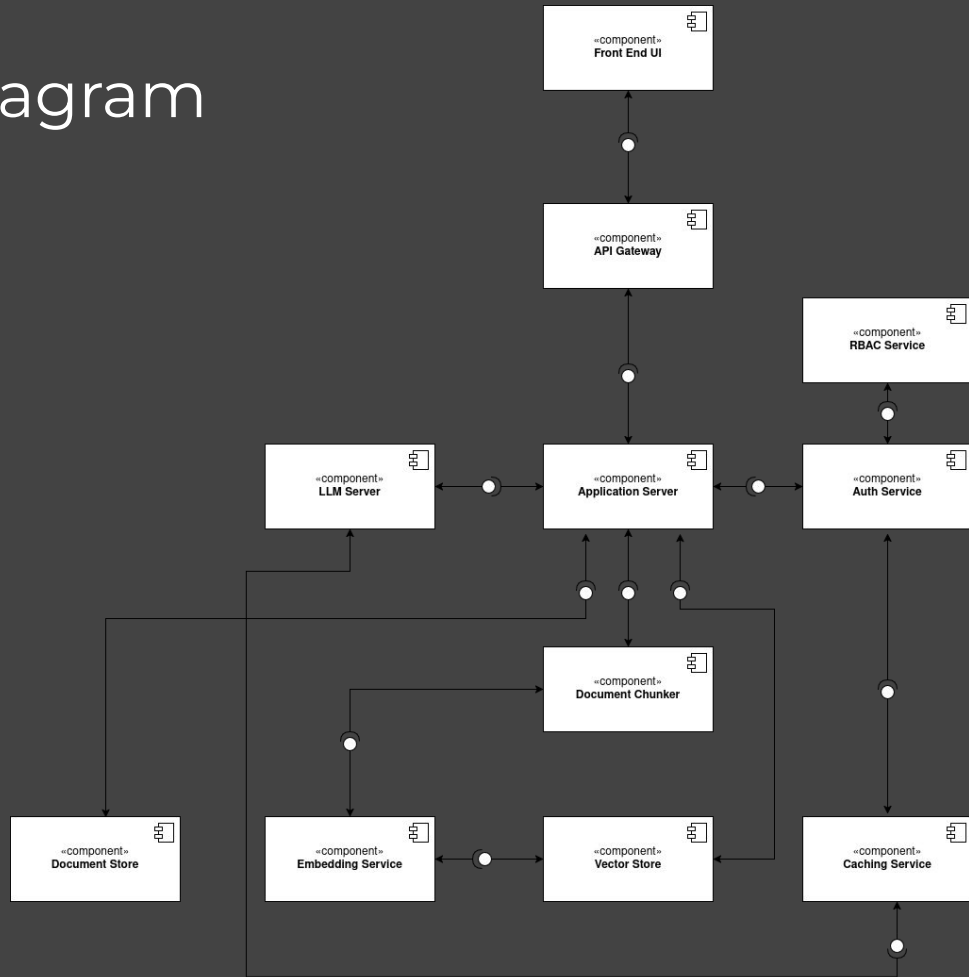
In the last 3 years, AI has been feared as a job replacer by many, especially in the tech industry, however this simple proof of concept aims at showing that AI is not meant to replace us but rather, *augment* us, providing a tailored feedback and boosting our learning capabilities, especially with hard tasks such as coding problems

The system is designed to be modular and extensible, therefore one day it could very well be used by someone else and become an open source project

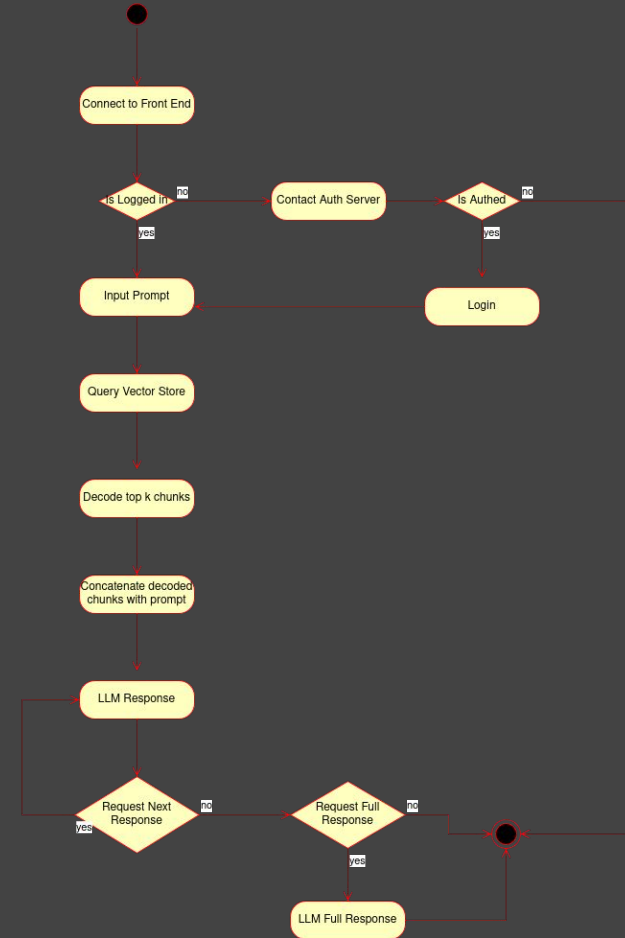
Use Case Diagram

The use cases are centered around two actors: the student and the platform admin

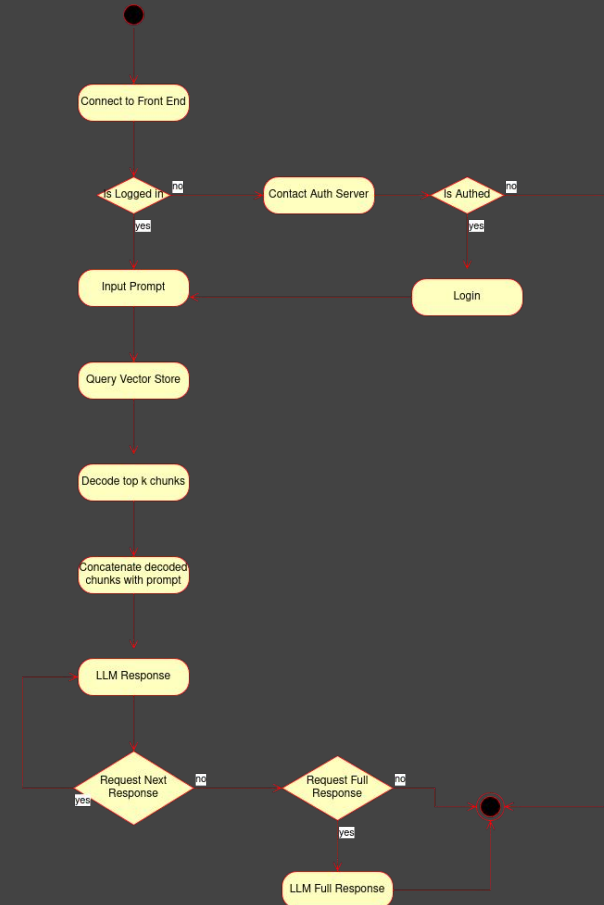




User Activity Diagram



Admin Activity Diagram





Thank you for your attention!