Q1) what is the best approach to log each API request and persist the data in a database or CSV file that can be easily queried and analysed by other team members or stakeholders?

I have already implemented an approach for logging API requests in the fast\_api.py file that adds date and time to each request which helps in analyzing and querying this data.

Q2) how can the team ensure that the logging process does not impact the performance or functionality of the web application?

Some ways to ensure this are:-

1. Use multithreading for this task. Assigning a separate thread for logging will minimize the impact on performance.

2. Use profiling tools to reduce performance hits due to logging.

3. Buffer the log messages before performing a write operation.