First, please consult Andu for existing work/research. Probably the API part is already clear.

The additional feature is to build a batch processing logic. Instead of making an API request per Magento event, the requests should be saved into the database. A cron job will batch process the API requests.

The core part will be a standard ‘Object module’ with. The row of the table should be requests. Make sure to build in a ‘request status’ field for the cron job.

New requests in the table should be ‘pending’, once the API starts (by cron job), the status should be ‘processing’, based on the API response, the flag will be updated to ‘success/failed’.

The key part is about the cron job. **We should avoid Magento cron job**, since it’s very difficult to debug. Instead, we can pass this to Pierre for a master script.