Overview

1. Overview

Time expectation

Team	SUM of Time expectation (h)
Back-end	55.5
Front-end	24
Tech-lead	4
Grand Total	**83.5**

- For this entire project, it was estimated 84 hours (11 days)
- If there is more than one developer to code the solution, it can be parallelized and we can reduce the estimated time

Stakeholders

- Gronda - We need to start offering data to our customers, so they can also optimize their jobs and posts the best possible way on the recruitment platform.

Non-Requirements

- Implement logs with Cloudwatch
- Implement database credentials in Secrets Manager

Google Sheets Planning

- https://docs.google.com/spreadsheets/d/1Wox76WVE2ZoLEJJqfsjQA-CB3Il2IZ6d4j-qIm8KZJ4/edit?usp=sharing

Github Repo

- https://github.com/felipedecampos/gronda-coding-challenge

2. Dependencies & Risks

Dependencies

- Engineering signoff

Risks

- I've never worked with Apache Kafka before, maybe it will be necessary extra time to develop the solution
- I expect the index created in **event** table does not affect the insert performance, of course we can control the inputs with Apache Kafka, but if there are any problems, we could remove the index created and add an elasticsearch to perform the queries (select)

3. Future Work, Privacy Review

Future Work

- Create alerts with the logs stored in **Cloudwatch** to monitor the application's health

Privacy Review

- No privacy review is necessary — we're not collecting any personal or sensitive user data.

4. Success Criteria

- Once this project is finished and running we will get a ton of raw data that can be analyzed in multiple ways.