**Team One**

*ACME company is a publishing company who creates books for children and young adults. They would like to improve their product offering by creating flashcards that can be used in schools and for children learning online. Flashcards contain a question (relating to the content in the book) followed by answer on the other side. ACME company want your help to develop a generative AI system to help automatically creating these flashcards based on content in their library.*

**Key Stakeholders**

**VP of Engineering**

The end user of this system will be the publishing team who will be responsible for selling this product to schools and parents of children who will be the end user. Currently, ACME has 4000 books, we would like to create flashcards for our 1000 most popular books. Each book has on average ~7,500 words.

We are keen to explore a Generative AI workload that would be able to help automate the creation of these flashcards. Since we are working towards the holiday season, we would like this project to be completed and in production as fast as possible.

**Head of Data Science**

The data science team is a small one at the moment at ACME company, we are a total of 3 members with a background in data science and data engineering, we would like to ensure the training process and operations of running a model to be as easy as possible. We expect it to be running only during working hours.

We are most comfortable with Python, it’s our language of choice, and we would like to understand how this model would be deployed using AWS.

**Chief Financial Officer**

This system needs to be elastic so costs should be next to nothing when it’s not being used. We are very keen to understand how we will monitor these costs and ensure that the data science team don’t exceed budgets aligned to them.