

I worked on the UGC (User Generated Content) team in Walmart. Our team was responsible for the reviews of walmart.com.

We had some partners who were sending the reviews they gathered from other sources for a specific product. Each partner had a different file format (csv, txt, protobuf) with different data schema, and even how/which data they are going to send. This was a major challenge for us.

We got a new review partner. I and one of my colleagues got involved in this project from the beginning. We started to have various meetings with the new partner to finalize the file format, data schema and other details. We continued with a high level design, architecture and the technologies that we were planning to use. After that, we started from some very simple requirements such as processing a sample "Protobuf " file and retrieving the list of reviews' objects. Also, I Dockerized some of the components which were helpful for testing and rapid development of the POC. I had UI Dockerized so it was useful when I was demoing the implemented feature to our Product Owner. I also added a monitoring dashboard and alerts on the Splunk.

It was a great experience for me to get involved from the start to the end of that project with all its bits and pieces. I had a major contribution to this project from data models discussion with the partner until shipping it to production. When the project went to production it gave me a real sense of achievement.