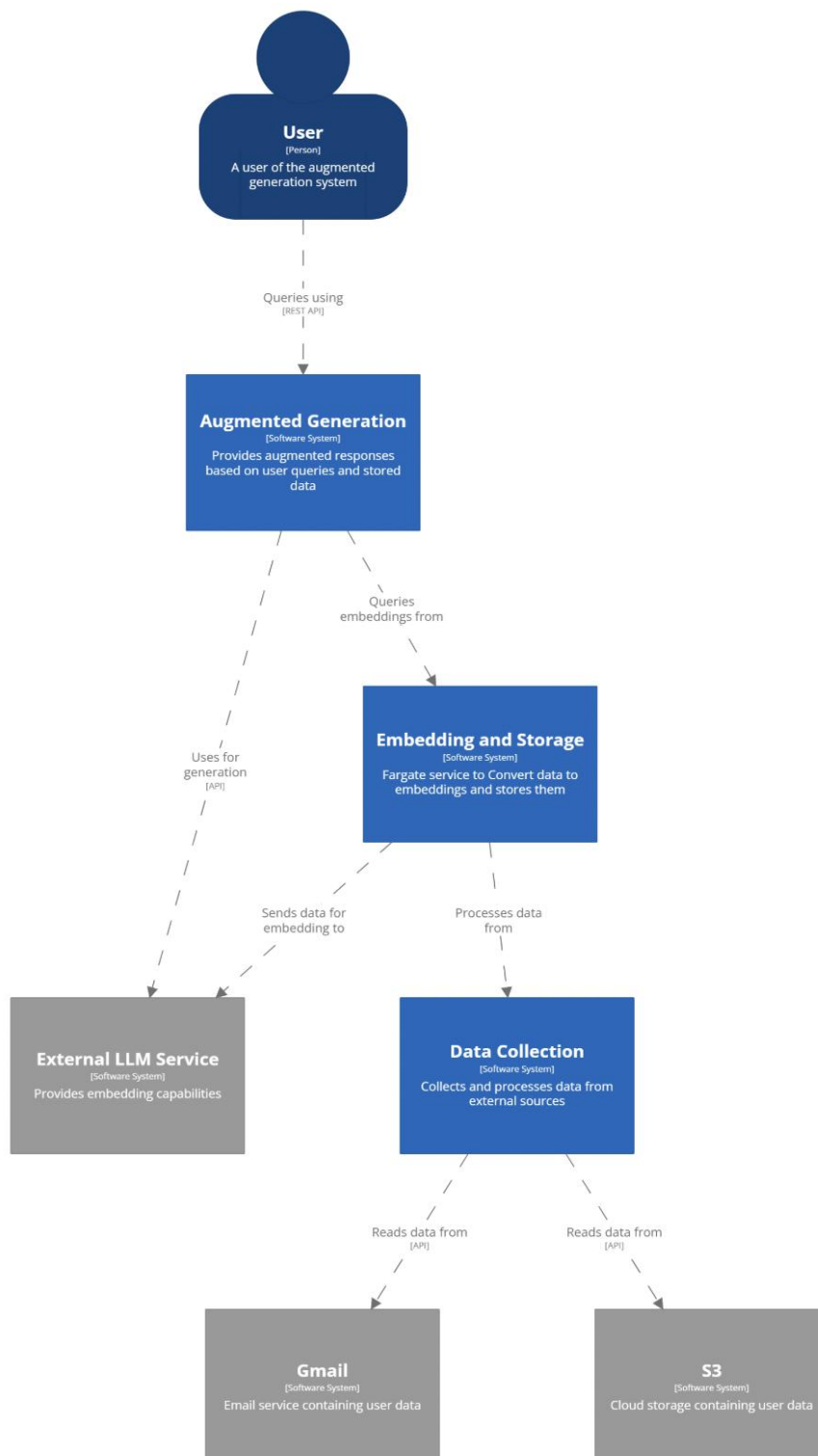


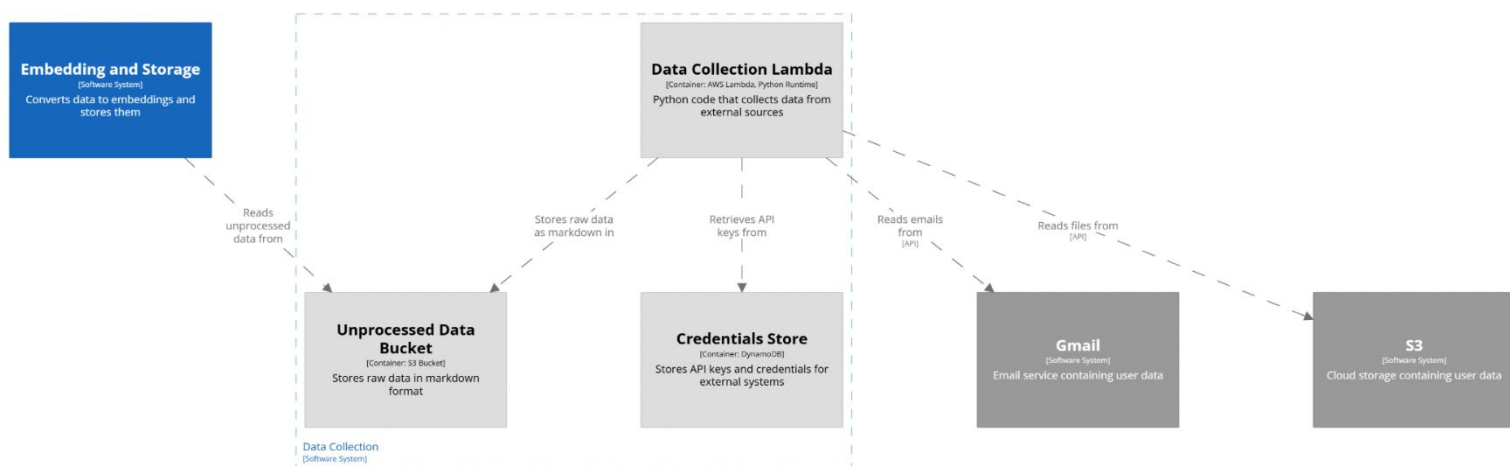
CORTEX ARCHITECTURE

The platform lets users query their data via an Augmented Generation engine that retrieves answers from stored embeddings. Data is collected from sources like Gmail and S3, transformed into embeddings, and enriched using LLM services



DATA COLLECTION ENGINE

The system collects raw data from sources like Gmail and S3 using a Lambda-based data collection service, which stores it in an unprocessed S3 bucket. The embedding engine then processes this raw data into vector form for downstream AI use.



DATA EMBEDDING MODULE

The platform uses a Lambda-based system to collect data from sources like Gmail and S3, storing it in raw markdown format. This unprocessed data is then read by the embedding engine, which transforms it into vectors for AI use, enabling downstream retrieval and generation.

