UML Component Diagram

A diagram of a diagram

Description automatically generated

The above component diagram demonstrates how user queries are interpreted by the chatbot. The chatbot receives an input of a query from a user and must use context of the message to determine the intent of the message as well as track all the entities listed in the query. Once this information is handled the chatbot begins to render its response after consulting the database containing all information regarding the cars that are available for sale, cars that need financing, or cars that need servicing. Once cars have been selected, the user emails the appropriate employees regarding the intended car sale, financing transaction, or repairs appointment.