**Sentiment Classification**

**Description**

The SentimentClassification\_Java custom Java action is designed to perform sentiment analysis on a provided input statement. It utilizes the Stanford CoreNLP library to determine the sentiment of the statement and returns the sentiment classification as the output.

**Configuration**

To use the SentimentClassification\_Java custom Java action, follow these steps:

* Import Libraries: Ensure that the required libraries are imported in your project. This action uses classes from the Stanford CoreNLP library, so make sure you have the necessary JAR files in your classpath.
* Add Action to Microflow: Add the SentimentClassification\_Java action to a microflow where you want to analyze the sentiment of a statement.
* Configure Input: Provide the Review input parameter to the action. This parameter should contain the statement for which you want to determine the sentiment.
* Invoke Action: Invoke the SentimentClassification\_Java action in your microflow, passing the Review parameter.
* Retrieve Output: The action will return the sentiment classification as a string, which you can further process or display as needed.

**Features**

Utilizes the Stanford CoreNLP library for sentiment analysis.

Takes an input statement and returns the sentiment classification as output.

Supports different sentiment labels, including "Very negative," "Negative," "Neutral," "Positive," and "Very positive."

**Limitations**

The sentiment analysis provided by this action is based on predefined sentiment categories and might not accurately capture nuanced emotions or non-standard text.

The accuracy of sentiment analysis depends on the quality of the underlying sentiment model and training data.

This action might not handle sarcasm, irony, or context-dependent sentiment well.

Feel free to customize this documentation template according to your specific project's needs. Provide additional details, instructions, and considerations as necessary.