**Title: Open-Source Software Health and Sustainability Metrics Tool**

**Background**

Open-Source metric tools like Augur are important for organizations to get information back from their pooled data. These tools can utilize tons of different sites and data sources to create a giant repository for comparison and analysis.

**Description**

This tool uses URLs provided by users to create a repository of data to analyze and report. The users can then see metrics and graphics to monitor the use of their system and code. They can use this information to track their growth or progress.

**Triggers (What prompts the use case to start?)**

1. An organization wants to track usage of an open-source application. They can use the information they get back to measure growth, success, changes, and make decisions on how or if they continue using the application.

**Actors (Who is involved?)**

1. Users (likely the more technical people that are using the application)
2. Decision Makers (any of the “Higher-ups” that need information from the users and will make the final call)
3. Other Organizations (Organizations can benefit from sharing their metrics with each other)

**Preconditions**

1. Data has to exist within the open-source solution.
2. The metrics tool has to pull data to create a repository.
3. Tools have to be in place to manage and analyze the data in the repository.

**Main Success Scenario**

1. Data is pushed to the Metric Tool repository, analyses are run, the proper graphs and resultant data are shown to the user.

**Alternate Success Scenarios**

1. There is not enough/no data, and the metric tool handles it accordingly.

**Failed End Condition**

1. The resultant data is not shown to the user.
2. The Metric Tool fails to do proper analyses.
3. A connection is not established with the user/organization to pull data to the repository.

**Extensions**

1. Compare data/metrics with other outside organizations.
2. Edit the types of graphs/charts that the resultant data is shown in.

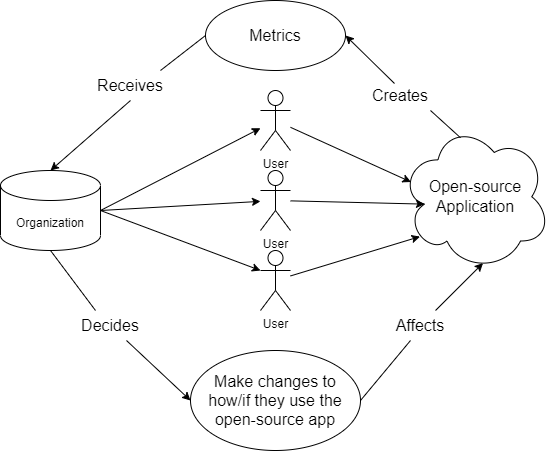
**Steps of Execution (Requirements)**

1. The user/organization links their URL with the Metric Tool.
2. The Metric Tool pulls data into the repository.
3. The Metric Tool runs analyses and tests.
4. The application shows the user the resultant data in the form of useful graphs/charts.

**Dependent Use Cases**

1. N/A

**A use case diagram, following the UML Standard for expressing use cases.**

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