### **REFACTORED D-1**

### **Actors:**

**Data analyst :** responsible for entering,storing and visualizing the statistic result

generated by METRISTICS.

**Business administrator :**

**Data validator**: validates the data entered by data analyst.

Example: input format, null entry, etc

### **UC1: System Login**

* Summary: Data analyst will enter credentials to enter to the METRICSTICS .
* Actor : data analyst

**UC2: Input Dataset**

* Summary: A data analyst enters a data (comma saperated) to the METRICSTICS
* actor: data analyst

### **UC3:Validate Data**

* Summary: A data validator validates the entered data whether its in correct format or not.
* actor: data analyst

### **UC4: Request data calculation**

* Summary: The data analyst will request for the calculated statistics for the given input dataset
* Actor: data analyst

### **UC5: Store data**

* Summary: The data analyst has the option by which the calculated data can be stored.
* Participants: data analyst

### **##UC6: (change use case)Data Generation**

* Title: Creating Test Data
* Summary: The Business Executive can create a random data set for experimental or analytical objectives.
* Participants: Business Executive

### **UC7: Session Reset**

* Summary: The data analyst can restart the session to start with new calculations and forget old calculation.
* Participants: data analyst

### **UC8: Exiting System**

* Summary: The data analyst can close the METRISTICS system.
* Participants: data analyst

### **UC9: Visualize data**

* Summary:users of the system can generate reports and charts for the generated data.
* Participants: Data analyst ,Business administrator

### **UC10:(Name change required) Configuration Management**

* Summary: **The Database Administrator oversees and adjusts the configurations and settings of the system.**
* Participants: business administrator