

# TallerHeroku

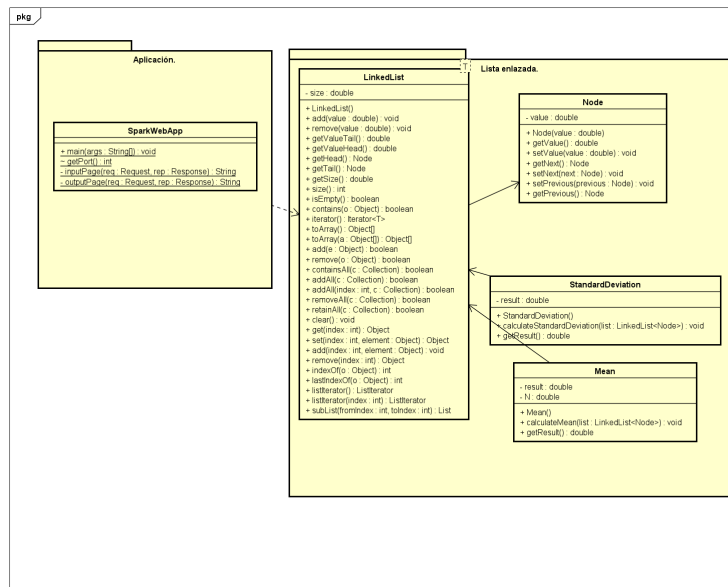
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## 1 Introduction

The objective of this project is to calculate the statistical mean and the standard deviation of a group of data. The data that will be delivered to calculate the statistical mean and the standard deviation should be stored in a linked list implemented by the student, implementing iterator and displayed in Heroku so that the end user can use it from their preferred browser.

## 2 Design



## 3 Explanation to the desing

The design has 5 main classes divided into 2 packages. In the package LinkedList (linked list) in which are the Node classes (node) that is responsible for the

creation of nodes and their links for the linked list; The LinkedList class (linked list) which creates our list, implements the list methods in JAVA in addition to the data extraction, storage and deletion methods used for the respective calculations. The Calculator class (calculator) in which are the Mean (mean) and StandardDeviation (standard deviation) classes. Which are in charge of making their respective calculation using the linked list designed by the student. The facade package, where is the SparkWebApp class where we create our view for the user, interact with it and attend to their needs.