Software Engineering Project

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#2 Sprint Backlog

Scientific Programmable Calculator

User Stories

Priority Order

The priority order goes from value 1 to 6 where 1 is the highest priority and 6 the lowest.

ID	Description	Acceptance Criteria	Priority	Story points

Variables

ID	Description	Acceptance Criteria	Priority	Story points
C1.	As a user I want to save values into variables to use them in next operations	Given I've saved at least one number, when I digit ">x" in the text area, where x is the name of a variable, then I can save the last saved number in the selected variable	3	5
C2.	As a user I want to take values from variables to use them in next operation	Given I previously saved one number in a variable, when I digit "<x" in the text area, where x is the name of a variable, then I can use the value in the selected variable as operand of the next operation	3	5

C3.	As a user I want to add the last entered number to the value of a variable	Given I've saved a number, when I digit "+x" in the text area, where x is the name of a variable, then I can add the last saved number to the variable value	3 5
C4.	As a user I want to subtract the last entered number to the value of a variable	Given I've saved a number, when I digit "+x" in the text area, where x is the name of a variable, then I can subtract the last saved number to the variable value	3 5

User-Defined Operations

D1.	As a user I want to define custom formulas to execute a sequence of operations	Given I need to execute a sequence of operations, when I press the "create custom function" button, then I can define a new custom operation	4 8

Sprint Velocity

Estimated velocity for the second sprint: **28**

Story Points completed

The number of story points completed in this sprint : **38**

The team was able to complete the story points planned ahead of time. In this way, 18 story points have been added to the sprint backlog and, among these, 10 have been completed.