Report Third Sprint group 19

Team members: Alessia Lettieri, Alessandro Passannante, Domenico Napolitano, Marco Panico

Board Trello: <link>

Product Backlog: product backlog.xlsx

Definition of Done:

- o The user story implementation meets all the acceptance criteria.
- o The unit tests were written, executed and passed.
- o All acceptance criteria have a least a test case associate.
- o Integration and execution of all tests.
- o The user story has been peer reviewed.

Third Sprint – Planning

Estimated Project Velocity: 44

User stories for Third Sprint:

22. **Action Sequence:** As a user, I want to create a sequence of actions that includes multiple elementary actions and sub-sequences, allowing me to design complex workflows for automation.
23. **Logical Operation Trigger:** As a user, I want to apply logical operations between elementary triggers or combination of elementary triggers, so that I can establish conditional rules, enabling precise activation of actions.
24. **Create Counter:** As a user, I want to define counters as named variables with integer values, so that I can manage and keep track of various values within the system.
25. **View Counter:** As a user, I desire the ability to view the current value of a counter, so that I can monitor values accurately as needed.
26. **Modify Counter:** As a user, I desire the ability to view and modify the current value of a counter, so that I can update values accurately as needed.
27. **Set Counter:** As a user, I want the capability to set a particular counter to a defined value, so that I can precisely manage and control the counter's value as needed for my tasks.
28. **Increment Counter:** As a user, I want to add a specific number to the value of a designated counter so that I can increment its value according to my requirements.
29. **Combine Counter Value:** As a user, I want to perform actions such as adding the value of a specified counter to another specified counter, so that I can perform more complex operations by combining different counter values.
30. **Comparison:** As a user, I want to set triggers based on comparisons between values, so that I can automate actions based on these predefined conditions

31. **Counter comparison**: As a user, I want to set triggers based on comparisons between counters, so that I can automate actions based on these predefined conditions.

Fase 2.2: Third Sprint - Development

Tasks assigned to Team members:

	Alessia Lettieri	Alessandro Passannante	Domenico Napolitano	Marco Panico
Task assegnati e completati	Create a Class that permits multiple actions Implements GUI elements that permit the user to insert multiple actions Add the GUI elements for every single implemented class	Create the NotTrigger Class ClassCreate a CompositeTrigger Class Add the GUI elements that permits the user to combine multiple triggers Create a ReplaceAction class for every String based action	Create a Counter Class Add GUI elements that permit the creation of a counter Create ModifyClass Modify the GUI so that the user can directly edit the value of a counter Create SetCounterAction class Add GUI elements in View and Controller Create AddCounterAction class Add GUI elements in View and Controller	Create SumCountersAction class Add GUI elements in View and Controller Create ValueTrigger class Add GUI elements in View and Controller Create CountersValueTrigger class Add GUI elements in View and Controller
Task assegnati ma non completati	None	None	None	None

User stories added or modified by the Product Owner:

- **String Value Insertion**: As a user, I want to utilize variable substitution in actions involving strings to dynamically insert the current counter value, so that I can have updated counter values within strings, providing increased flexibility in actions.

Fase 2.3: Third Sprint – Review

User stories completed at the end of this Sprint:

22. Action Sequence
23. Logical Operation Trigger
24. Create Counter
26. Modify Counter
27. Set Counter
28. Increment Counter
29. Combine Counter Value
30. Comparison
31. Counter comparison
32. String Value Insertion

Any user stories rejected by Product Owner:

25. **View Counter:** As a user, I desire the ability to view the current value of a counter, so that I can monitor values accurately as needed.

Warning:

Note: Some input files use unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.
The code includes unchecked or unsafe operations that could compromise type safety.

Project Velocity measured: 50

Fase 2.4: Third Sprint – Retrospective

Decisions made in the retrospective of this Sprint are:

Stop:
- Modifying parts of the team's project without communicating.

Less of:
- Spend too much time on things that have lower priority

Keep doing:
- Support and help from colleagues during hardship while carrying out tasks.
- Fair division of tasks to increase productivity.
- Time organization
- Commit as soon as the code is functional and properly tested

More of:
- Comment the code in detail.

Start: