

**SE project – Group 19 I-Z**

# **3<sup>nd</sup> sprint release**



An abstract graphic design on a light blue background. It features a thick green line that starts from the left, curves down, and then continues horizontally. A thick red line starts from the top right and curves down. A thick blue line starts from the bottom right and curves up. A solid orange circle is positioned on the left side. Two small black dots are located on the green line: one at the first curve and one at the end of the horizontal segment.

# **Our release**

IFTTT APP

Rule

Counters

Trigger	Action	Active	Repetition
TimeTrigger after 22:46:57	ShowDialogAction message: Ciao	false	when triggered sleeps for : 0 days 0 hours 1 minutes
ExistenceTrigger on existence of: myscript.bat in directory: External Programs	ActionPlayAudio play: whippoorwill.wav	true	Can only be triggered once has been fired: true

Save Rule

Create Rule

Refresh Table

Delete Rule

IFTTT APP

Rule

Counters

Counter Name	Counter Value
Software	23
Project	65

Name :

Create Counter

Refresh Table

Save

Value :

IFTTT APP

Trigger CreationAction CreationRule Creation

Triggers

Trigger Selector

Create Trigger

☐ NOT condition

Nessun contenuto nella tabella

Go Back

?

IFTTT APP

Trigger CreationAction CreationRule Creation

Actions

Action Selector

Create Action

Nessun contenuto nella tabella

Go Back

?

IFTTT APP

Trigger CreationAction CreationRule Creation

IF

Select the trigger from the trigger creation

THEN

select action from the action pane

☒ Fired only once

☐ Sleeping Period

Go Back

AddRule

A stylized illustration of a laptop with a white frame and a light blue screen. The word "DEMO" is centered on the screen in a bold, red, sans-serif font. The laptop is shown from a slightly elevated front perspective.

**DEMO**



# **Sprint backlog and Sprint Goal**

Done Sprint DATE - DATE 🚀 ...

**Sprint Goal: -Combinations and counters**

Logical Operation Trigger  
🔍 4 📋 6/6 ⌚ P 13 AP

Action Sequence  
📋 3/3 ⌚ P 13 AL

Create Counter  
📋 3/3 ⌚ P 2 DN

Modify Counter  
📋 3/3 ⌚ P 2 DN

Set Counter  
📋 3/3 ⌚ P 2 DN

Increment Counter  
📋 3/3 ⌚ P 2 DN

Combine Counter Values  
📋 3/3 ⌚ P 3 MP

Comparison  
📋 3/3 ⌚ P 2 MP

Counter Comparison  
📋 3/3 ⌚ P 3 MP

String Value Insertion  
🔍 1 👁 📋 3/3 ⌚ P 8 AP AL



**Actual velocity: 50**



**Estimated velocity: 44**

# Updated Product backlog



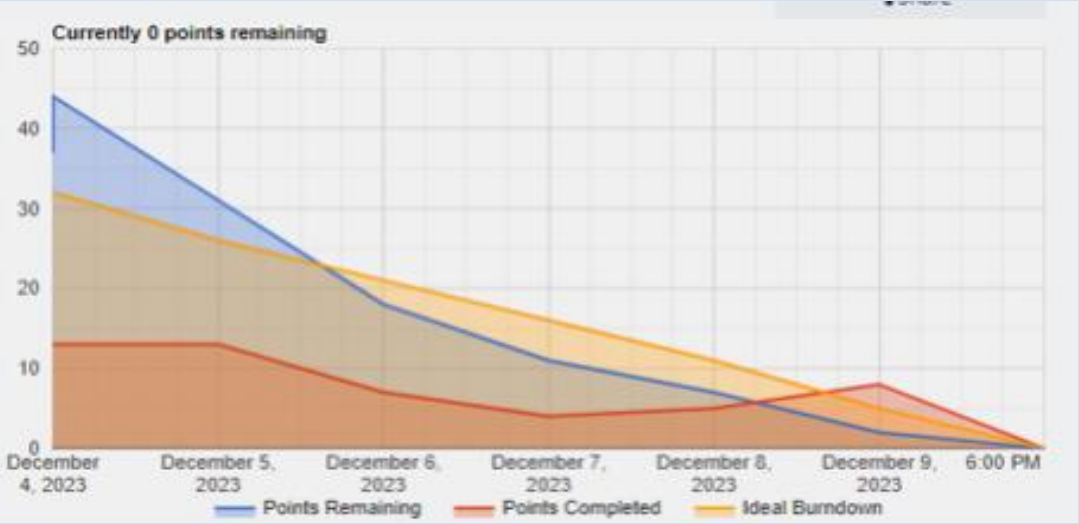


**We paid off  
technical debts**

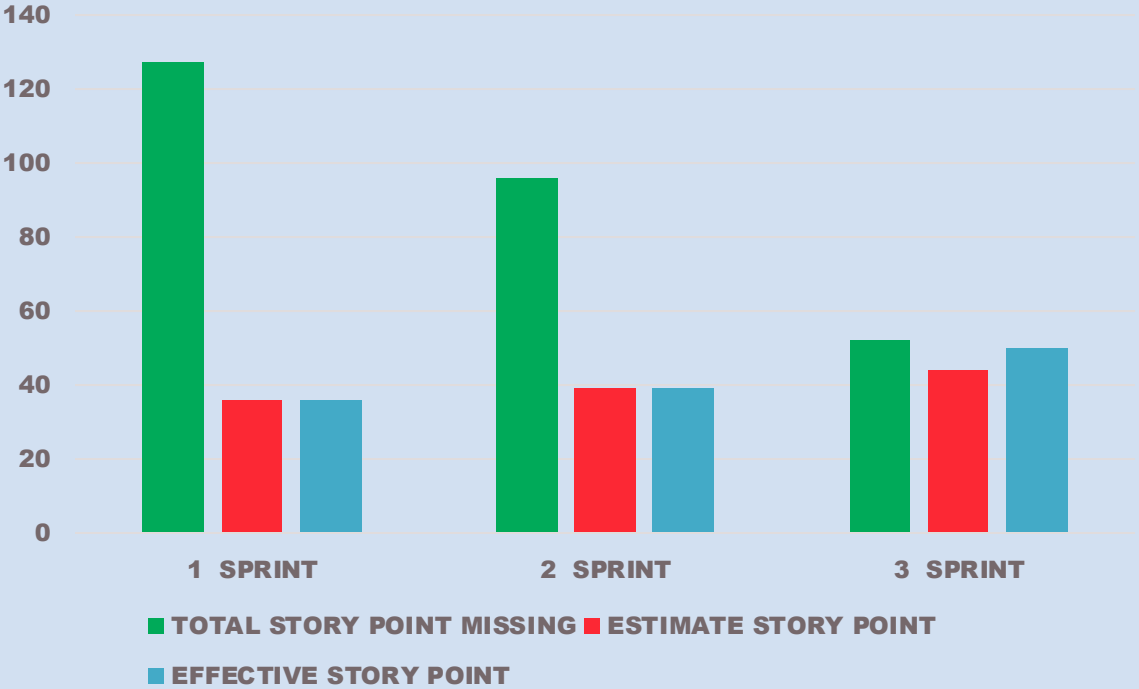
**We fixed last  
sprint bugs**



# **Project Burndown chart**



### EXTENDED BURNDOWN CHART



The background is a solid light blue. In the top right corner, there is a thick red line that forms a 90-degree corner, with the horizontal segment extending to the right edge of the frame. On the left side, there is a thick green line that starts horizontally from the left edge, then curves 90 degrees downwards, and finally curves 90 degrees to the right, becoming horizontal again. This green line has two small black dots: one on the first curve and one on the final horizontal segment. To the left of the green line's first curve is a large, solid orange circle. Below the green line, there is a thick light blue line that starts with a curve from the bottom, goes horizontally, and then curves 90 degrees to the right, ending at the right edge of the frame. This light blue line overlaps with the green line.

# **Sprint review**

# Sprint review report

Available on our git repository

01

Modification  
Product Backlog

02

User stories added: **String Value Insertion**  
User stories delete: **View Counter**  
User stories completetated: 32

03

Issues discovered implementing/examining the release

Warning:

The code includes unchecked or unsafe operations that could compromise type safety.

The background is a solid light blue. It features several abstract geometric elements: a thick red line in the top right corner that turns 90 degrees; a thick green line on the left side that curves and then extends horizontally across the bottom; a thick light blue line that curves and extends horizontally across the bottom, overlapping the green line; a solid orange circle on the left side; and two small black dots, one on the green line and one on the light blue line.

# **Sprint retrospective**

**Spend too much time on things that have lower priority**

**Detailed Comment Code**

**Less  
Of**

**More  
Of**

**Stop  
Doing**

**Start  
Doing**

**Keep  
Doing**

**Modifying parts of the team's project without communicating.**

**Time organization.**

**Support and help from colleagues during hardship while carrying out tasks.**

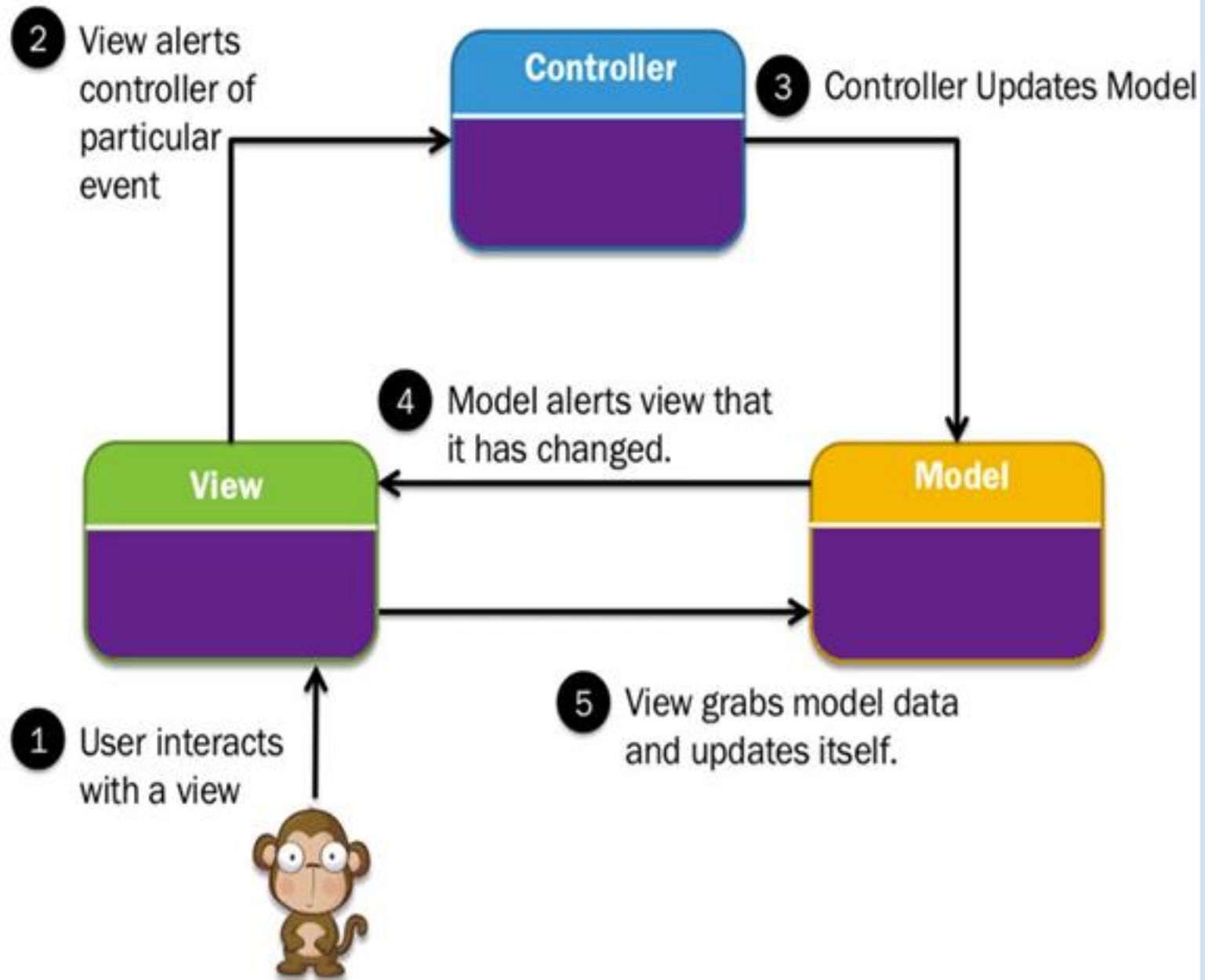
**Fair division of tasks to increase productivity.**

**Commit as soon as the code is functional and properly tested**

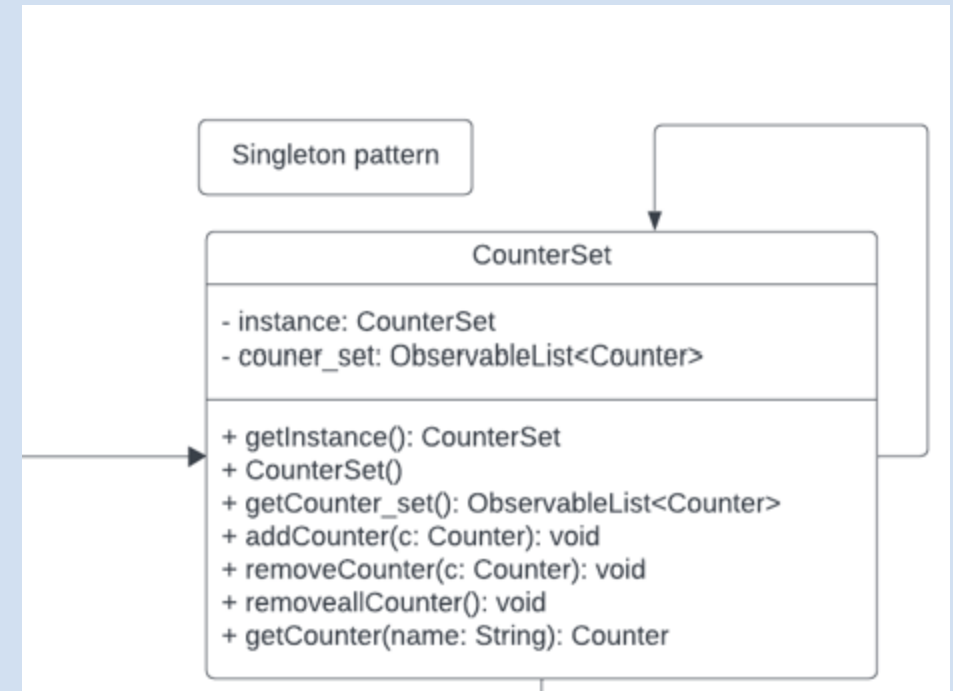
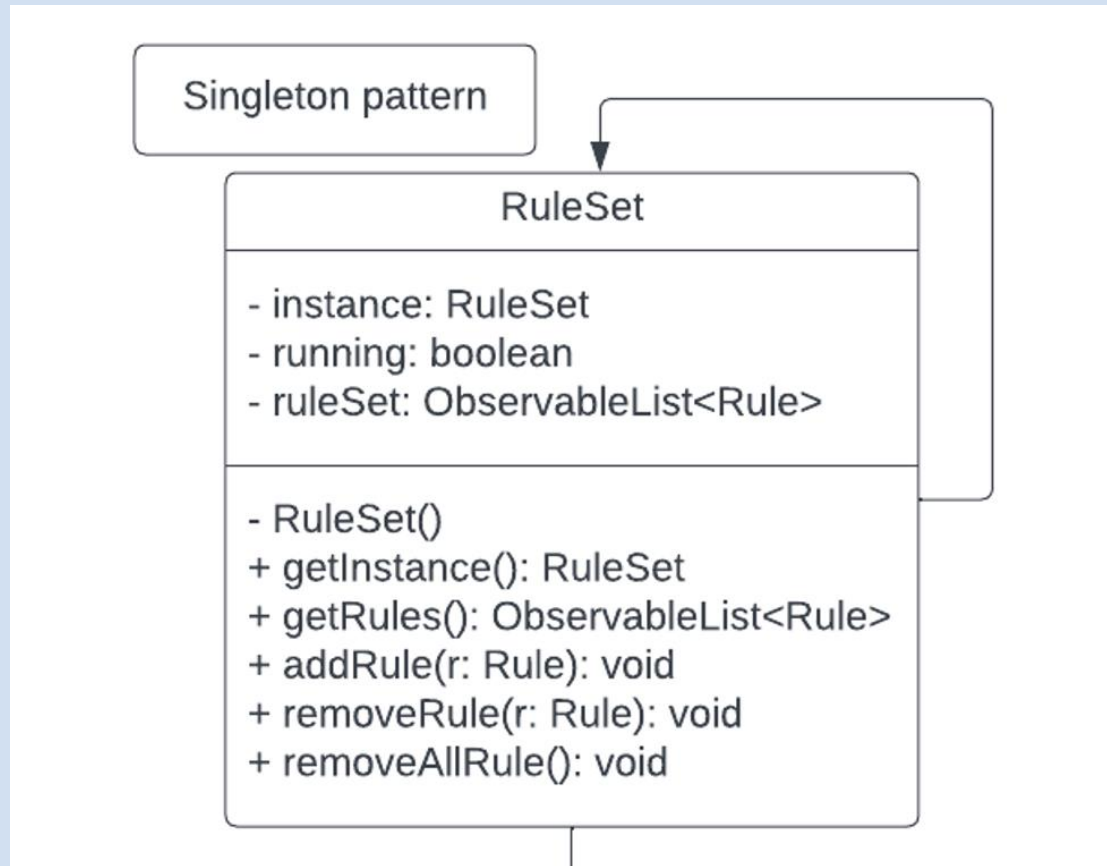
The background is a light blue color. It features several abstract geometric elements: a thick red line in the top right corner forming an L-shape; a thick green line on the left side that curves downwards and then continues horizontally across the bottom; a thick blue line that curves upwards from the bottom left and then continues horizontally across the middle; a solid orange circle on the left side; and two small black dots, one on the green line and one on the blue line.

# **Architettura & UML**

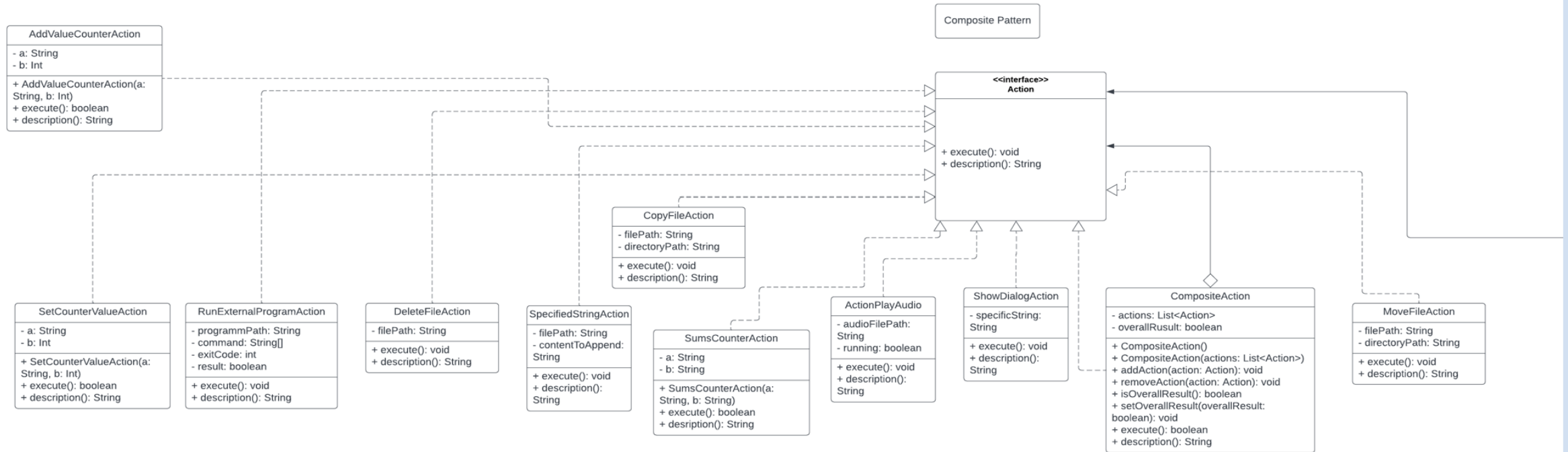




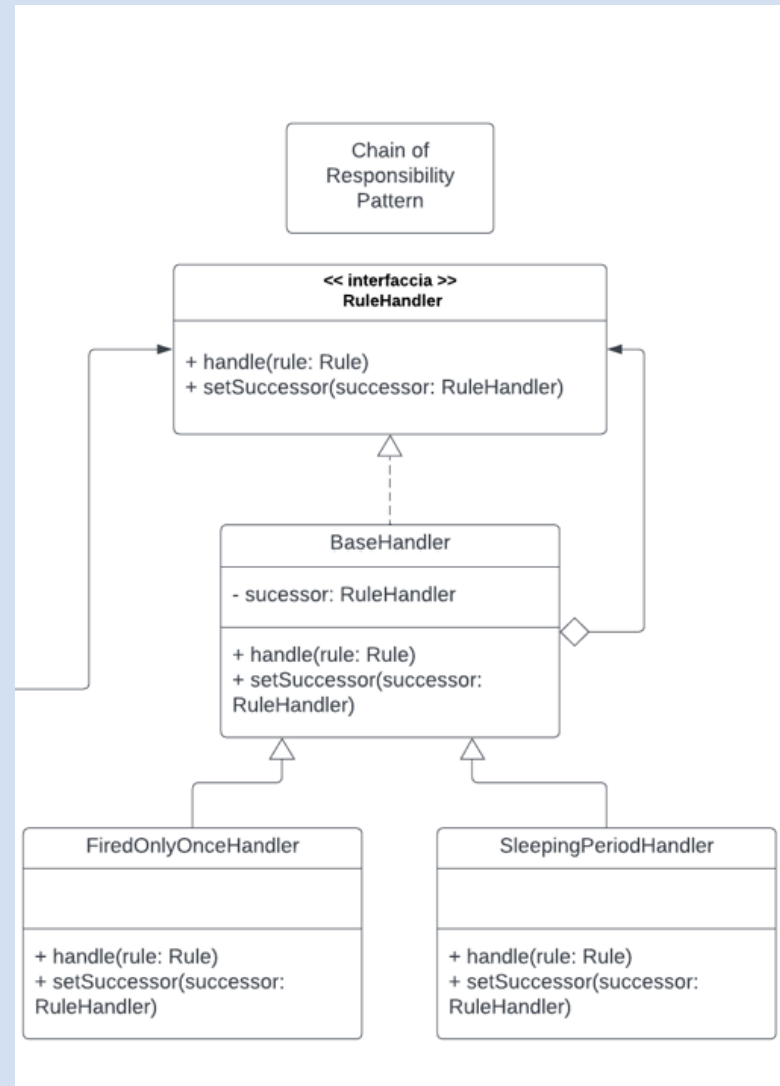
# Singleton Pattern



# Composite Pattern



# Chain Of Responsibility Pattern



## Pre game phase

## Game phase

### 1<sup>st</sup> sprint

#### Sprint review report

##### Effort

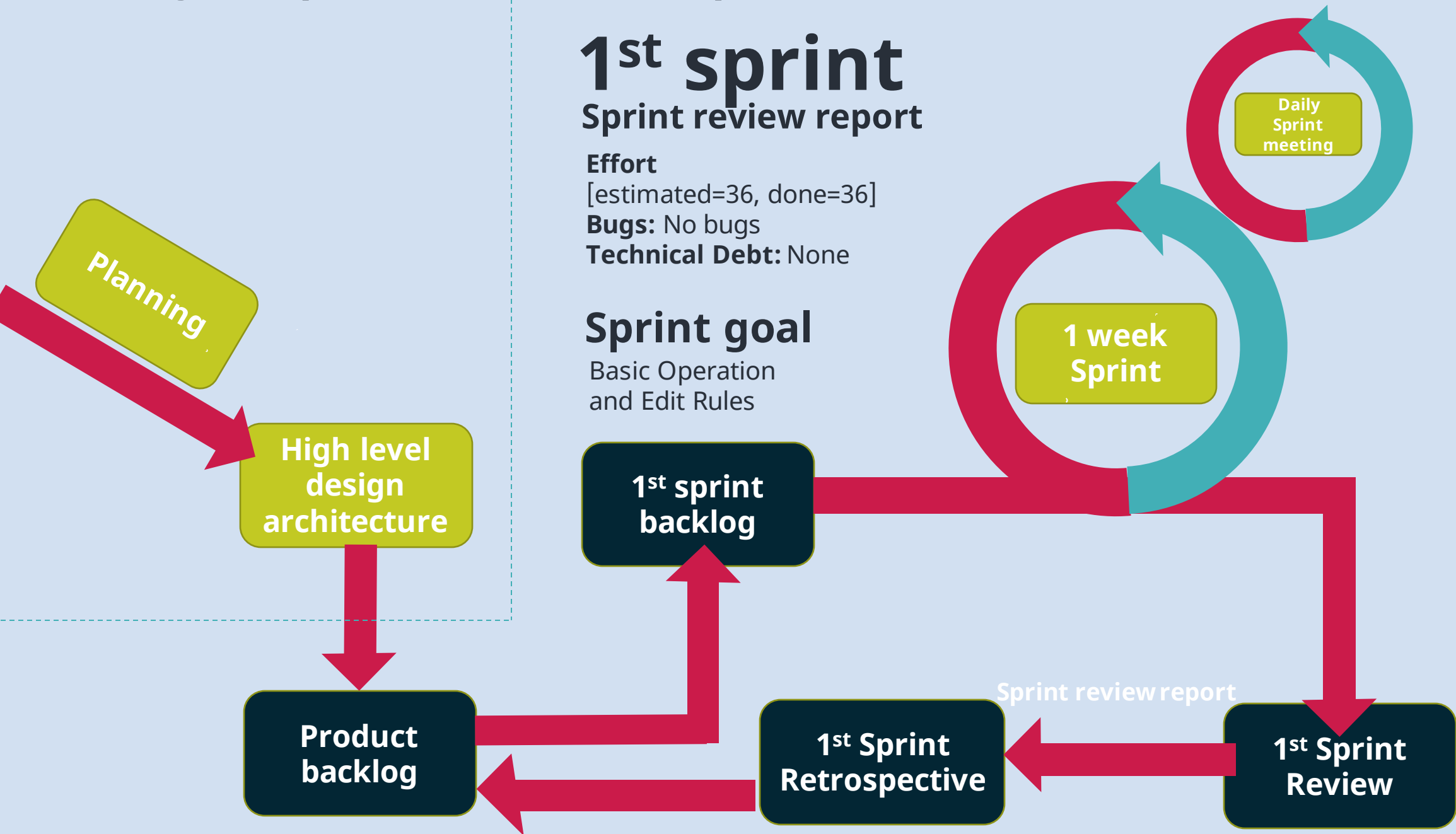
[estimated=36, done=36]

**Bugs:** No bugs

**Technical Debt:** None

#### Sprint goal

Basic Operation  
and Edit Rules



# Game phase

# 2<sup>nd</sup> sprint

# Sprint review report

## Effort

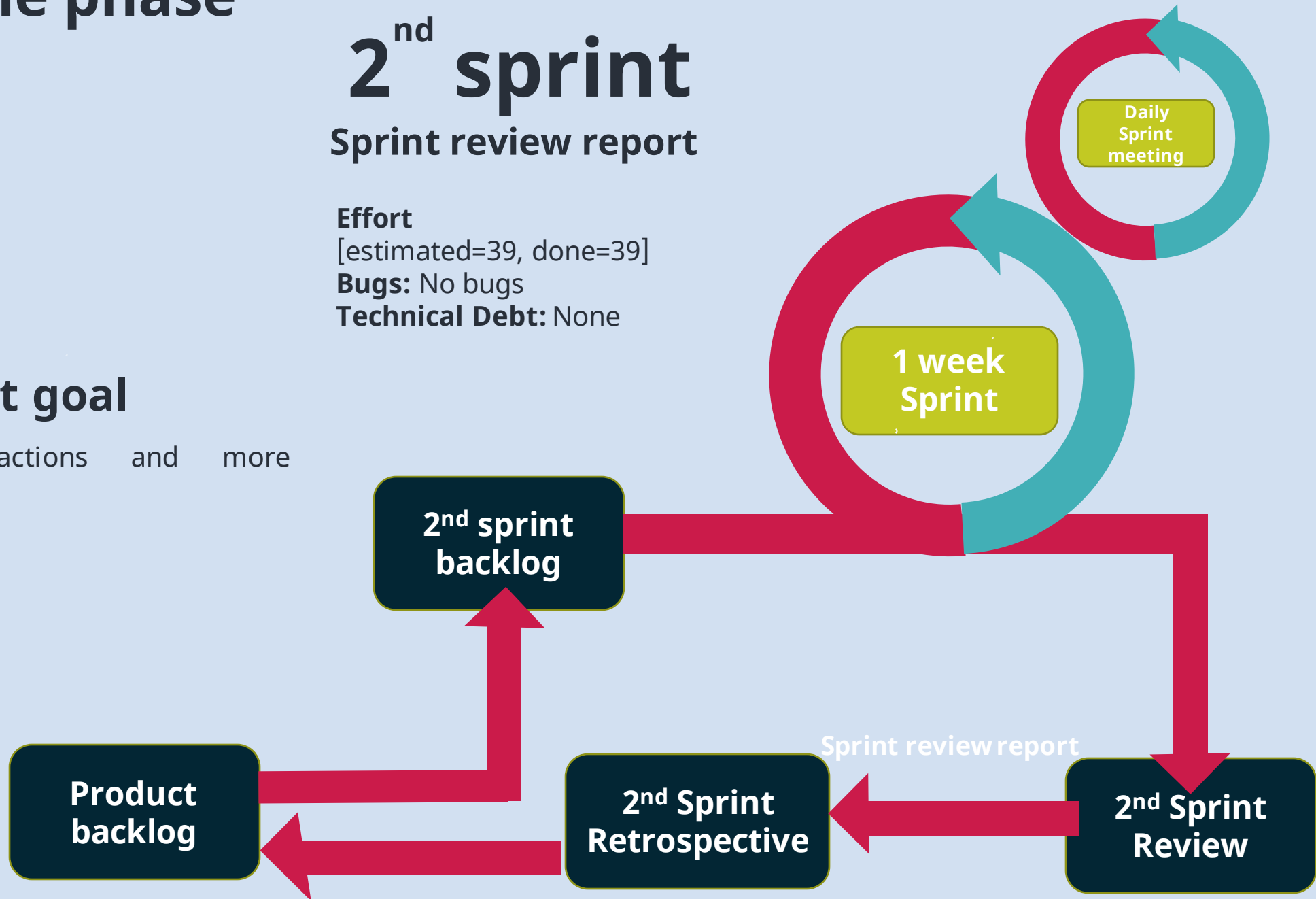
```
[estimated=39, done=39]
```

## Bugs: No bugs

## Technical Debt: None

## Sprint goal

More actions and more triggers



Game phase

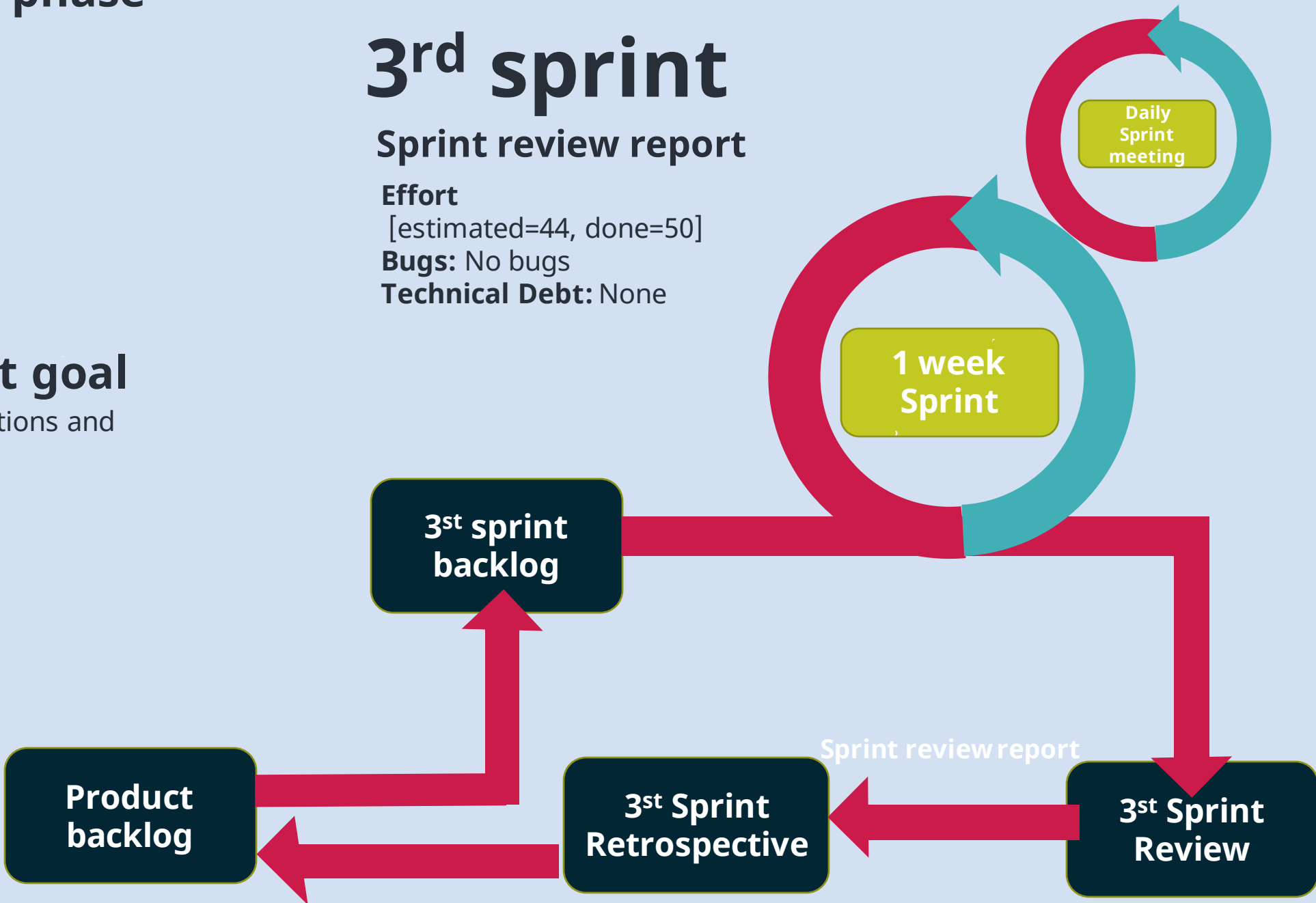
3<sup>rd</sup> sprint

Sprint review report

Effort  
[estimated=44, done=50]  
Bugs: No bugs  
Technical Debt: None

Sprint goal

Combinations and  
counters





# **Thank you!**

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**Alessandro Passannante**

**Domenico Napolitano**

**Marco Panico**