

# Sprint Retrospective

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Office Queue - Team 7

# Stories and Task

Team 7 - Software Engineering II

2

As Administrator I want to set up different counters

9

Create JSON file to set up counters

10

Manage counters creation

1

As Administrator I want to configure different types of requests

11

Create JSON file with different types of requests

12

Create queues for types of requests

3

As User I want to receive ticket related to my request type so that I can be pushed in the right queue

14

Manage user added in the right queue

16

Page to choose the right request type

7

As User I want to know how much time I have to wait before been served

15

Calculate estimated time to wait to be served

16

Show time to wait

6

As Employee I want to call the next number from the right queue

18

Calculate the right queue to call

17

Page for employee to call next number

19

Manage queue when number is called

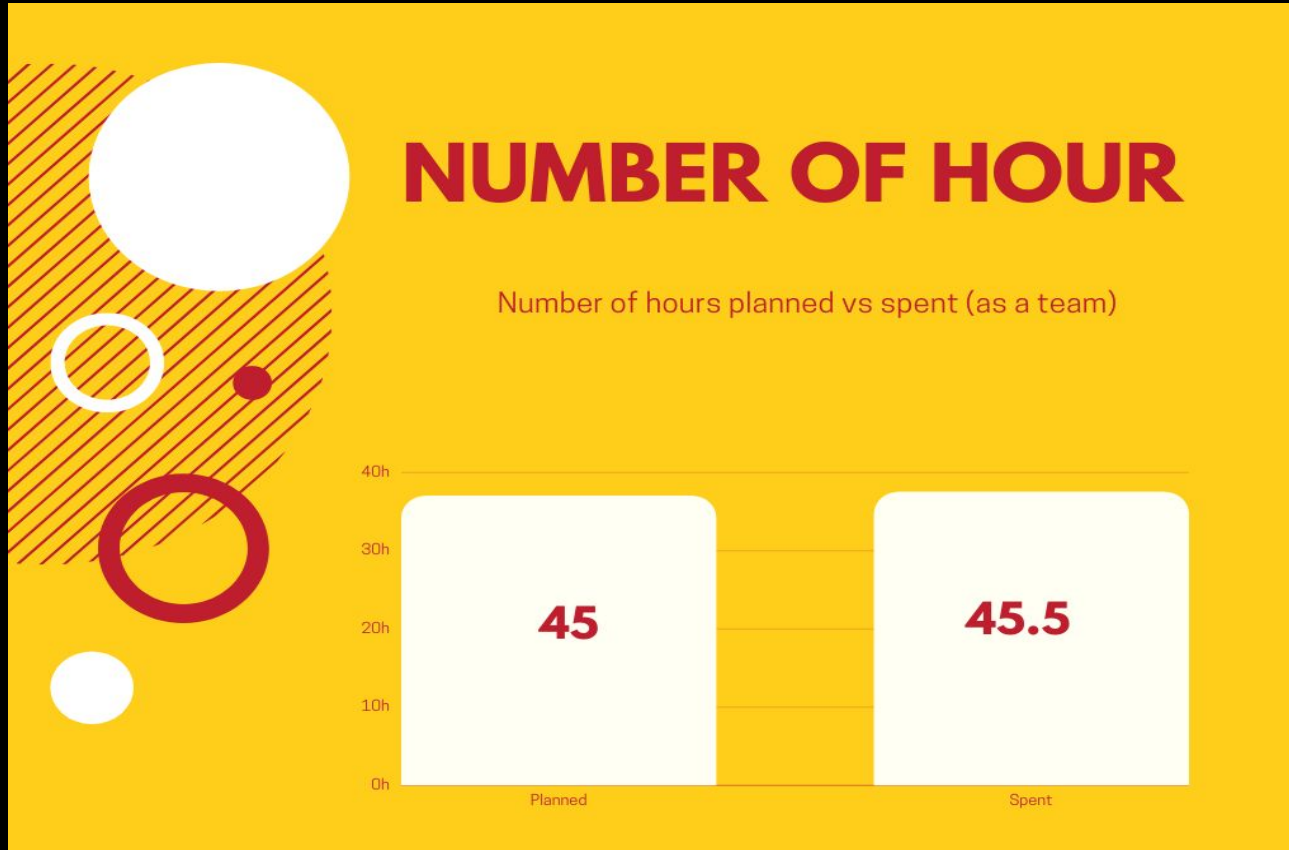
# Process: Macro statistics



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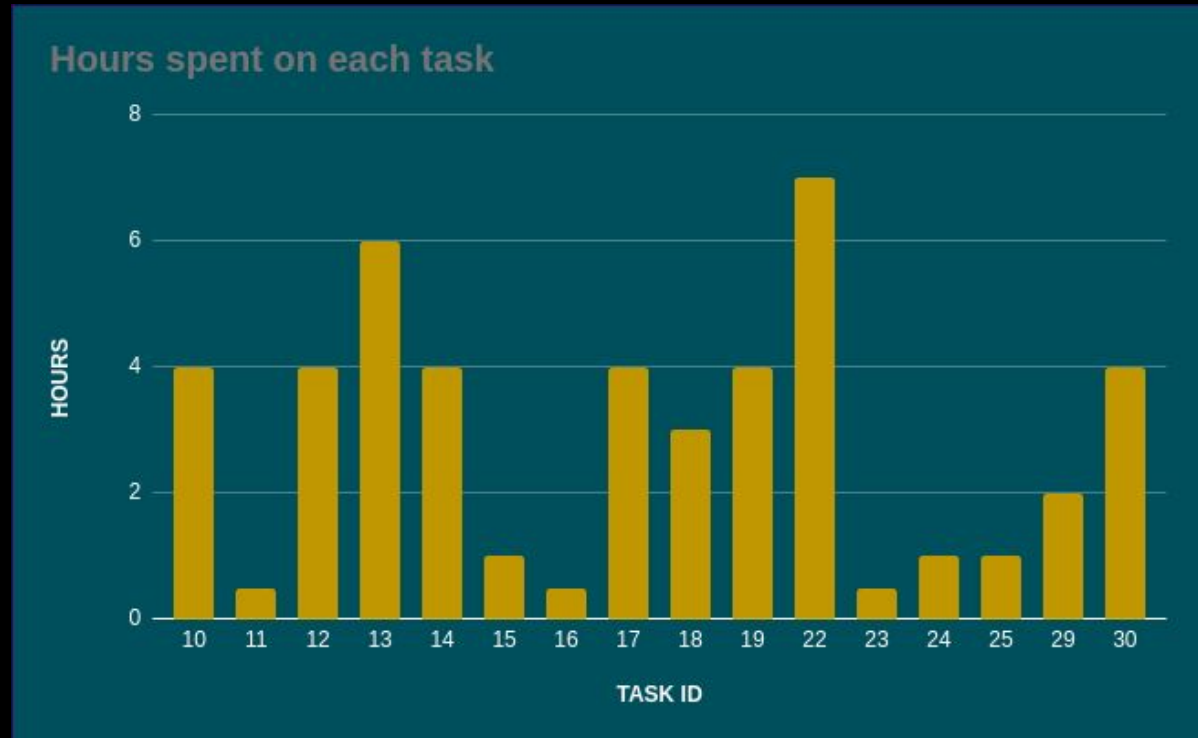
# Process: Macro statistics



# Process: Detailed statistics

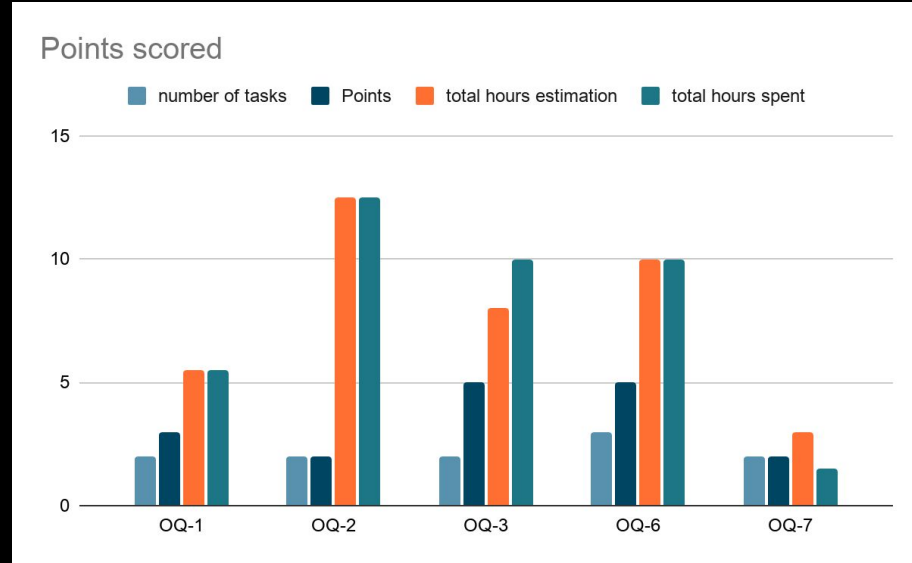
TASK ID	HOURS
10	4
11	0,5
12	4
13	6
14	4
15	1
16	0,5
17	4
18	3
19	4
22	7
23	0,5
24	1
25	1
29	2
30	4

AVERAGE	STANDARD DEVIATION
4	0



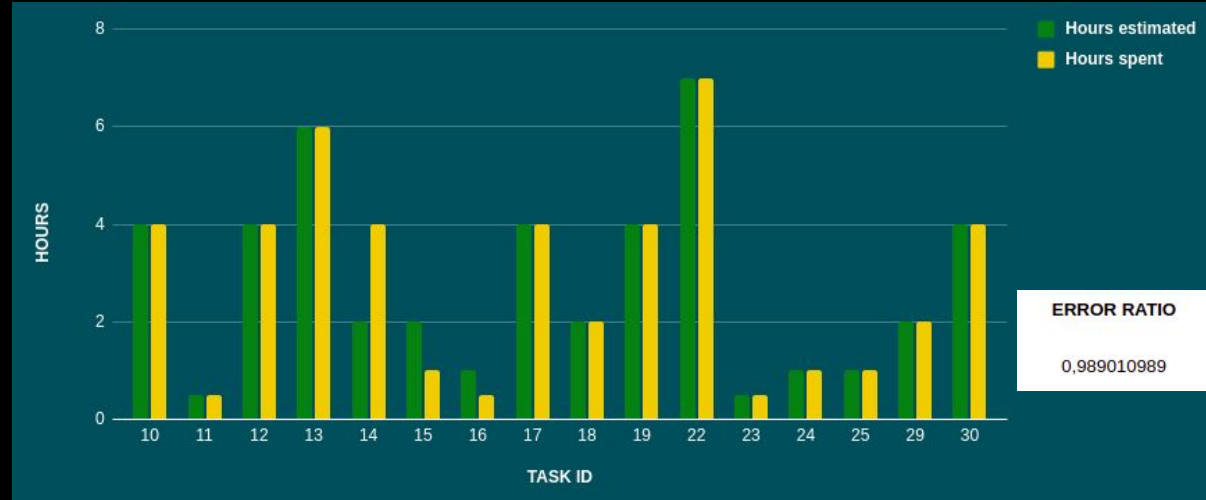
# Process: Detailed statistics

ID_Story	number of tasks	Points	total hours estimation	total hours spent
OQ-1	2	3	5,5	5,5
OQ-2	2	2	12,5	12,5
OQ-3	2	5	8	10
OQ-6	3	5	10	10
OQ-7	2	2	3	1,5
Sum	11	17	39	39,5



# Process: Detailed statistics

TASK ID	HOURS ESTIMATED	HOURS SPENT
10	4	4
11	0,5	0,5
12	4	4
13	6	6
14	2	4
15	2	1
16	1	0,5
17	4	4
18	2	2
19	4	4
22	7	7
23	0,5	0,5
24	1	1
25	1	1
29	2	2
30	4	4



The total task estimation error ratio is about: 0,99



Slight underestimation



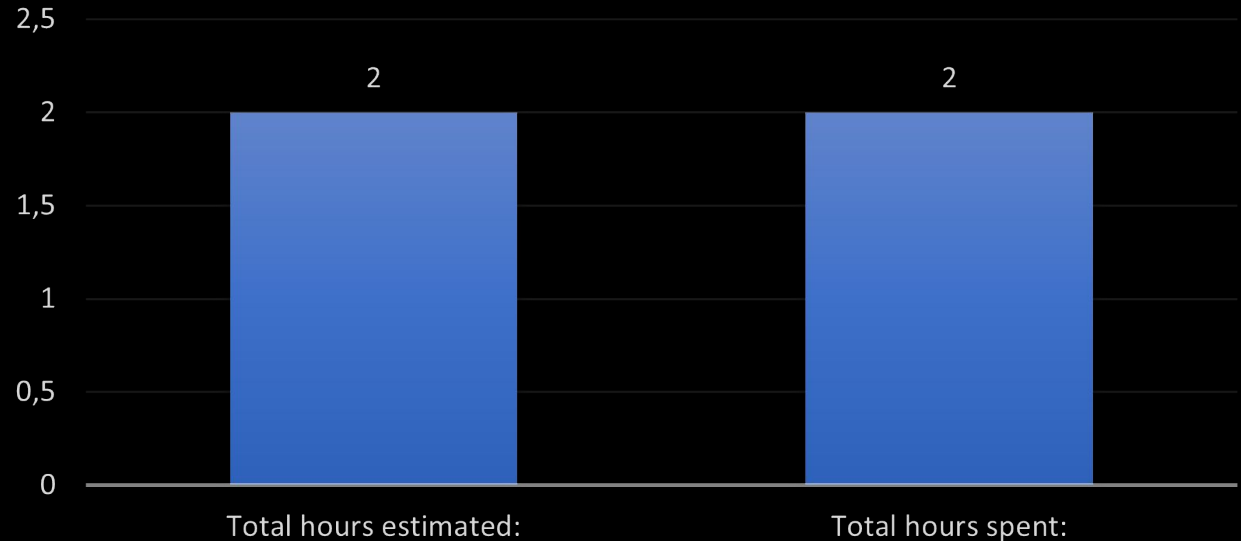
# Quality: Unit Testing

Total hours estimated : 2 h

Total hours spent : 2 h

Number of automated unit tests: 23 tests

## Tests-Hour Coverage



# Quality: Unit Testing

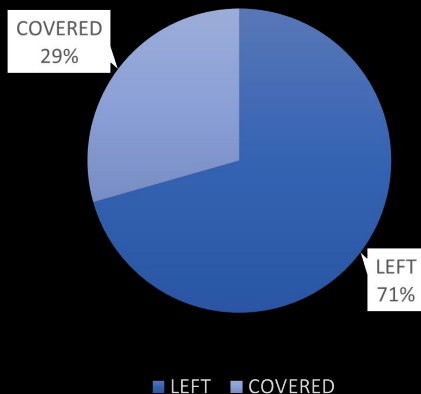
Total Story Points of work done : 17 SP

Total Story Points covered by tests : 5 SP

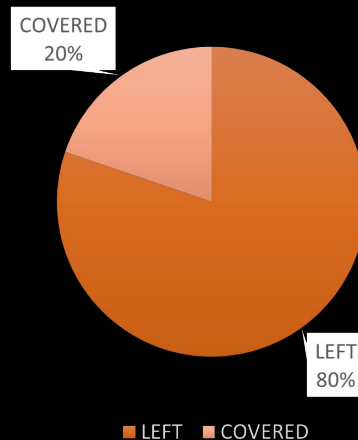
Total hours of work done: 45.5 h

Total hours of work covered by tests: 9 h

## Story-Point Unit Test Coverage



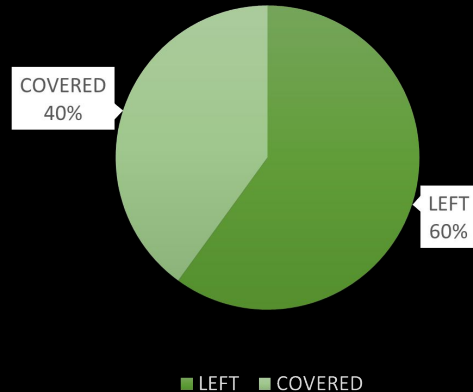
## Task-Hour Unit Test Coverage



# Quality: Unit Testing

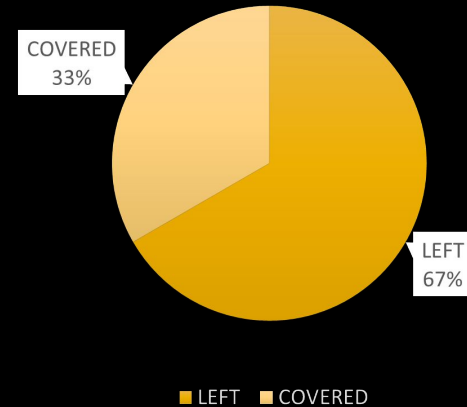
Number of stories in the Sprint: 5 stories  
Number of stories covered by tests: 2 stories

Stories Unit Test Coverage



Number of technical tasks in the sprint : 12 tasks  
Number of technical tasks covered by tests : 4 tasks

Tasks Unit Test Coverage

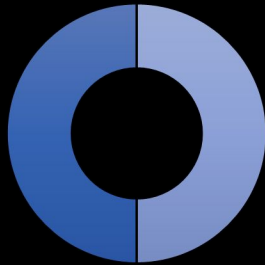


# Quality: Code Review

Hours of code-review estimated: 6 h  
Hours of code-review spent: 6 h

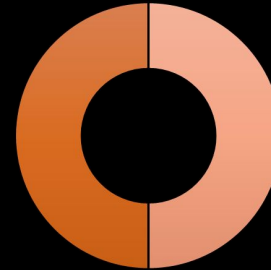
Number of Tasks: 12 tasks  
Number of Tasks-Code reviewed: 12 tasks

## Hours Code Review Coverage



■ Total hours estimated: ■ Total hours spent

## Tasks Code Review Coverage



■ Total Tasks ■ Tasks Code Reviewed

# Assessment

We did not complete all the planned stories, because we realized that, according to the definition of “done”, every story should have been tested.

We decided then to include the testing phase in the current sprint, but we were running out of time so not everything has been tested.

We have also underestimated the time that has been necessary to set up the base project and to coordinate the team. Anyway we have been very communicative and helpful to each others from the beginning and this helped us a lot to enjoy the work and to make up for the time that we lost the first days of the sprint.

We learnt that keeping in touch almost everyday increases our productivity and motivate us.

# Assessment

We discussed about the stackholders' feedback and we draw conclusions that will help us in the future sprints.

Stackholders suggest us to increase the text dimension of the user interface in order to make it simple to use for older people too.

We agreed that our future goals will be:

- take in consideration initial set up time for the project
- include a test task for every technical task
- realize a user friendly interface
- spend more time on code review

# Thanks for the attention

Team 7:

- ❖ Buscema Gaetano
- ❖ Giorgi Benedetta
- ❖ La Rocca Alessandro
- ❖ Serafino Damiano
- ❖ Valfrè Giosuè
- ❖ Zhang Yuexin



The End