



MOPP
.....
UPKEEP

Third Delivery

Team 9

Marzolo Alice, Oro Carmine,
Pagliara Lorenzo, Policastro Pasquale

SPRINT 2

Product Backlog



5 User Stories

| | | | Marzolo, Oro, Pagliara, Policastro | | | ▼ | Yes | ▼ | ▼ | Not Started | ▼ | 42 | ▼ | | |
|----|-----------------------------------|----------|---------------------------------------|------------|------------|-----|-----|---|--------|-------------|----------|----|----|-----|---|
| 8 | Database's management | Sprint 2 | "" | 9/12/2020 | 11/12/2020 | Yes | ▼ | ▼ | High | ▼ | Complete | ▼ | 13 | Yes | ▼ |
| 12 | Maintainers' availability's check | Sprint 2 | "" | 13/12/2020 | 15/12/2020 | Yes | ▼ | ▼ | High | ▼ | Complete | ▼ | 13 | Yes | ▼ |
| 4 | Standard procedure | Sprint 2 | "" | 14/12/2020 | 15/12/2020 | Yes | ▼ | ▼ | Medium | ▼ | Complete | ▼ | 8 | Yes | ▼ |
| 17 | Activity's details | Sprint 2 | "" | 12/12/2020 | 13/12/2020 | Yes | ▼ | ▼ | Medium | ▼ | Complete | ▼ | 8 | Yes | ▼ |
| 18 | Refactoring of the first release | Sprint 2 | "" | 7/12/2020 | 11/12/2020 | No | ▼ | ▼ | Medium | ▼ | Complete | ▼ | | Yes | ▼ |
| 21 | Refactoring of backend's code | Sprint 2 | "" | 15/12/2020 | 16/12/2020 | No | ▼ | ▼ | Low | ▼ | Complete | ▼ | | Yes | ▼ |
| 11 | Activity's info visualization | Sprint 2 | "" | 12/12/2020 | 14/12/2020 | Yes | ▼ | ▼ | Low | ▼ | Complete | ▼ | 3 | Yes | ▼ |

2 Enhancements





SPRINT 2 - Sprint Backlog

| BACKLOG TASK & ID | STORY POINTS | ASSIGNED TO | STATUS | ORIGINAL ESTIMATE | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 | DAY 8 | DAY 9 | SPRINT REVIEW | COMPLETED |
|--|--------------|---|--------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|-----------|
| #18 Refactoring of the first release | | | | | | | | | | | | | | 1 | |
| Refactoring of backend's code | | Pagliara Lorenzo, Policastro Pasquale | Done | 6 | 6,5 | | | | | | | | | | DAY 1 |
| Regression test | | Marzolo Alice, Oro Carmine | Done | 6 | 6 | | | | | | | | | | DAY 1 |
| Unit Test | | Oro Carmine, Policastro Pasquale, Pagliara Lorenzo, Marzolo Alice | Done | 4 | | 1,75 | 2 | | | | | | | | DAY 3 |
| Testing case documentation | | Pagliara Lorenzo, Marzolo Alice | Done | 2 | | | | 2 | | | | | | | DAY 4 |
| #8 - Database's management | 13 | | | | | | | | | | | | | 0,5 | |
| Redesign the database in order to add all the info related to the activities | | Oro Carmine, Policastro Pasquale | Done | 2 | | 1,75 | | | | | | | | | DAY 2 |
| Create the frontend UI for the repository manager | | Marzolo Alice, Pagliara Lorenzo | Done | 5 | | 2,75 | 3 | | | | | | | | DAY 3 |
| Create the backend logic for managing the activities' info | | Oro Carmine, Policastro Pasquale | Done | 3 | | 2,5 | | | | | | | | | DAY 2 |
| Testing (Unit Test/API Testing) | | Oro Carmine, Policastro Pasquale | Done | 3 | | | 1,75 | 1,75 | | | | | | | DAY 4 |





SPRINT 2 - Sprint Backlog

| | | | | | | | | | | | | | | | |
|---|---|----------------------------------|------|-----|--|--|--|--|------|---|------|--|--|-----|-------|
| #17 - Activity's details | 8 | | | | | | | | | | | | | 0,5 | |
| Redesign the database in order to give more details to the activities | | Oro Carmine, Policastro Pasquale | Done | 1,5 | | | | | 0,75 | | | | | | DAY 5 |
| Create the backend logic for adding/removing infos from an activity | | Oro Carmine, Policastro Pasquale | Done | 1,5 | | | | | 1 | | | | | | DAY 5 |
| Create the frontend logic and redesign the activities management's UI according to add the new informations | | Marzolo Alice, Pagliara Lorenzo | Done | 4 | | | | | | 4 | | | | | DAY 6 |
| Testing (Unit Test/API Testing) | | Oro Carmine, Policastro Pasquale | Done | 1 | | | | | 1 | | | | | | DAY 5 |
| #11 - Activity's info visualization | 3 | | | | | | | | | | | | | 0,5 | |
| Create the backend logic for retrieving all the activities info | | Oro Carmine, Policastro Pasquale | Done | 0,5 | | | | | 0,5 | | | | | | DAY 5 |
| Redesign the UI page to view the newly added informations | | Marzolo Alice, Pagliara Lorenzo | Done | 1 | | | | | | | 0,75 | | | | DAY 7 |
| Testing (Unit Test/API Testing) | | Oro Carmine, Policastro Pasquale | Done | 0,5 | | | | | 0,25 | | | | | | DAY 5 |



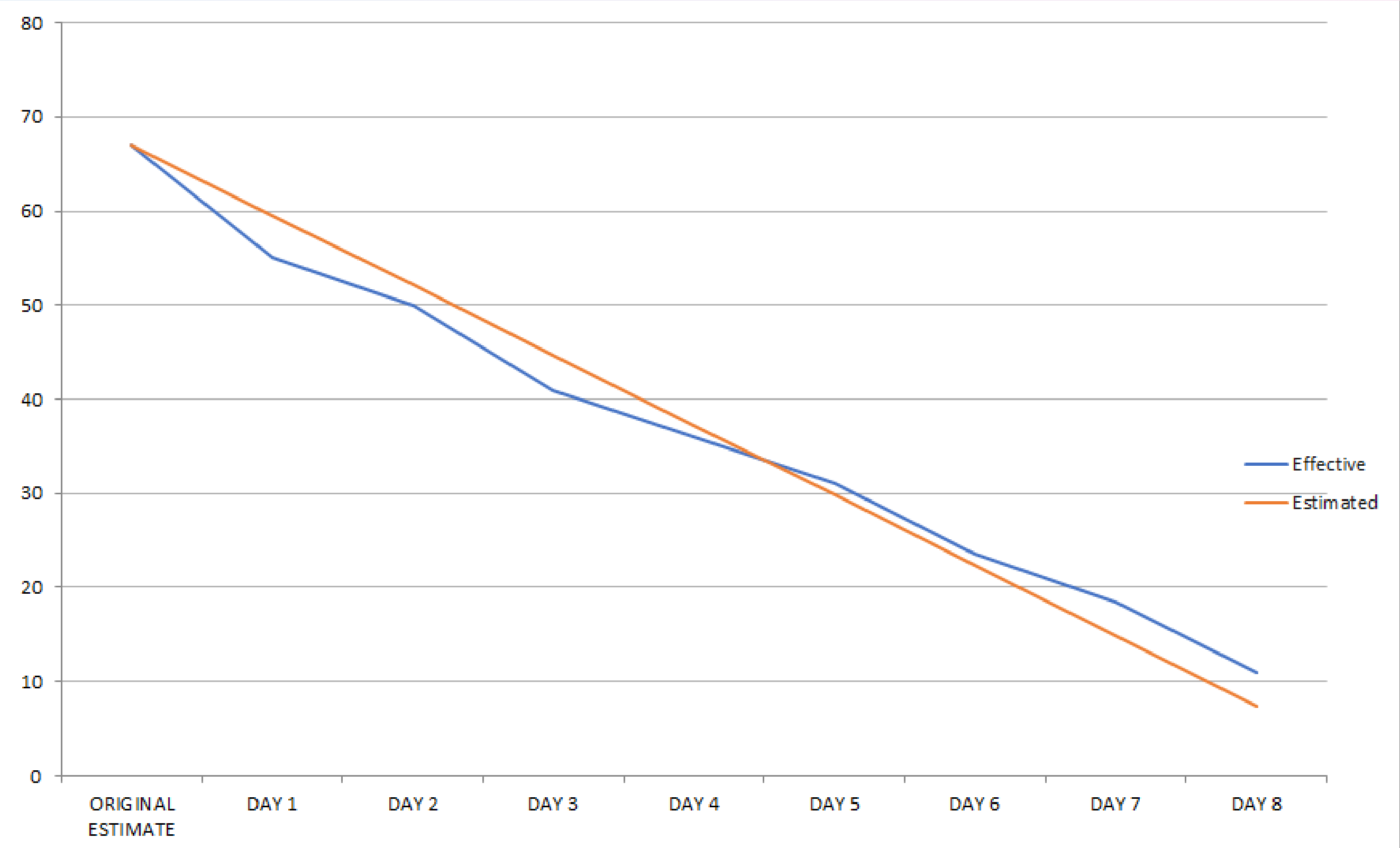


SPRINT 2 - Sprint Backlog

| | | | | | | | | | | | | | | | |
|---|----|----------------------------------|------|-----|--|--|--|--|--|-----|---|-----|-----|------|-------|
| #12 - Maintainers' availability's check | 13 | | | | | | | | | | | | | 1 | |
| Redesign the database in order to add the maintainers' availabilities | | Oro Carmine, Policastro Pasquale | Done | 1,5 | | | | | | 1,5 | | | | | DAY 6 |
| Create the backend logic for managing the maintainers' availabilities | | Oro Carmine, Policastro Pasquale | Done | 1,5 | | | | | | 1 | | | | | DAY 6 |
| Redesign the UI page in order to manage the maintainers' availabilities | | Marzolo Alice, Pagliara Lorenzo | Done | 5 | | | | | | | 1 | 3 | | | DAY 8 |
| Testing (Unit Test/API Testing) | | Oro Carmine, Policastro Pasquale | Done | 0,5 | | | | | | 0,5 | | | | | DAY 6 |
| #4 Standard procedure | 8 | | | | | | | | | | | | | 0,5 | |
| Redesign the database in order to add the SMP files | | Oro Carmine, Policastro Pasquale | Done | 1,5 | | | | | | | 1 | | | | DAY 7 |
| Create the backend logic for managing the SMP files | | Oro Carmine, Policastro Pasquale | Done | 2,5 | | | | | | | 2 | | | | DAY 7 |
| Create the frontend logic for upload/download a SMP file | | Marzolo Alice, Pagliara Lorenzo | Done | 2 | | | | | | | | 2 | | | DAY 8 |
| Testing (Unit Test/API Testing) | | Oro Carmine, Policastro Pasquale | Done | 0,5 | | | | | | | | 0,5 | | | DAY 8 |
| #21 Refactoring of the second release | | | | | | | | | | | | | | 0,25 | |
| Refactoring of frontend's code | | Pagliara Lorenzo, Marzolo Alice | Done | 6 | | | | | | | | 2 | 4,5 | | DAY 9 |
| Refactoring of backend's code | | Oro Carmine, Policastro Pasquale | Done | 5 | | | | | | | | | 4,5 | | DAY 9 |



| | | | | | | | | | | | | | | | |
|------------------------|--|--|--|------|--------|---------|---------|---------|--------|--------|---------|-------|---|--|--|
| EFFECTIVE EFFORT | | | | 67 | 55 | 50 | 41 | 36 | 31 | 23,5 | 18,5 | 11 | 0 | | |
| ESTIMATED EFFORT | | | | 67 | 59,556 | 52,1111 | 44,6667 | 37,2222 | 29,778 | 22,333 | 14,8889 | 7,444 | 0 | | |
| EFFECTIVE WORK'S HOURS | | | | 63,5 | 6 | 8,75 | 6,75 | 3,75 | 3,5 | 7 | 4,75 | 7,5 | 9 | | |



Burndown chart



Team 9

☆

Team 9

Free

Team Visible

CO

PP

AM

LP

Invite

Burndown Chart

Burndown Chart

Sprint #1 - Complete

...

Story #1

6/6

Story #3

3/3

Story #7

3/3

Story #2

3/3

Story #10

2/2

Story #9

5/5

+ Add another card

Sprint #2

...

Story #8

5/5

Story #17

5/5

Story #11

4/4

Story #12

5/5

Story #4

5/5

Enhancement #18

3/3

+ Add another card

Sprints Completed

...

Sprint #1

1

AM

CO

LP

PP

Sprint #2

1

AM

CO

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+ Add another card

Cerimonies

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Sprint Planning Meeting

Daily Scrum Meeting

Sprint Review

Sprint Retrospective

+ Add another card

User stories

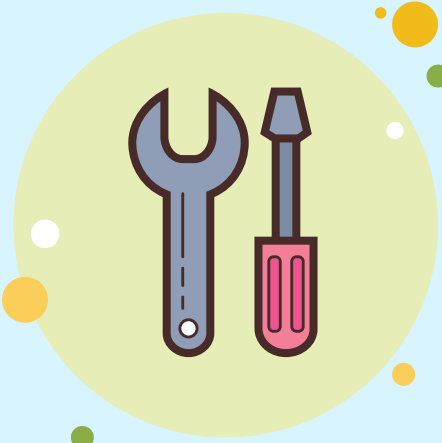


DATABASE'S MANAGEMENT

Define the maintenance's typologies, the competences (assigning them to the procedures), materials (to be used during the maintenance activity), procedures and sites.

ACTIVITY'S DETAILS

Insert, modify and delete the details for the activities (materials, sites, procedures, typology, estimated intervention time, if it is interruptible)



ACTIVITY'S INFO VISUALIZATION

View all the informations related to a specific activity in order to Have a global overview of the activity itself

STANDARD PROCEDURE



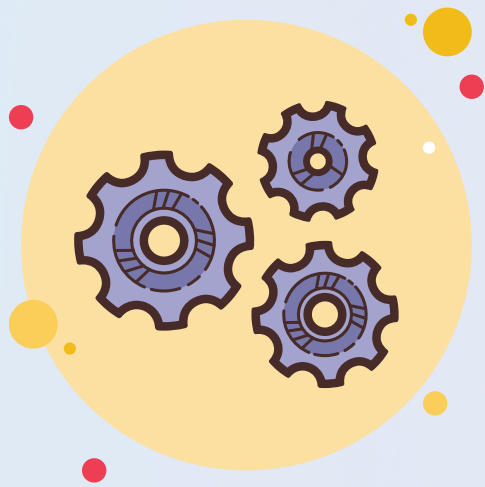
Associate to the activity the procedure to be performed according to each maintenance activity



MAINTAINERS' AVAILABILITY'S CHECK

Check the availability of the maintainers in order to assign a scheduled activity to the most appropriate Maintainer





LAST RELEASE

