

ID	Estimated (Hours)	Item	Progress
1	10h	As an administrator, I want to be able to manage user's accounts(create, delete) in order to keep the system up to date.	Completed in Sprint 4
2	14h	As a user, I want to be able to view the artworks and their conservation details (humidity, temperature, CO ₂ , light) in order to understand which is their correct placement in the museum.	Completed in Sprint 1
3	560h	As a user, I want to be able to see the humidity, temperature, CO ₂ , light, additional comments and current capacity in each museum room at a certain time in order to prevent artwork damage due to environmental factors.	Completed in Sprint 5
4	40h	As a user, I want to be able to manage(add, delete, move) new or current artworks in order to keep the application updated.	Completed in Sprint 1
5	9h	As a user , I want the system to update artwork location when it is added or moved between the rooms in order to keep artwork placements up to date.	Not completed
6	8h	As a user, I want to set optimal environmental conditions when adding a new art work in the storage in order to facilitate the decisions process when placing art works in rooms.	Completed in Sprint 2
7	9h	As a user, I want to be able to set optimal enviromental conditions for a specific room in order to facilitate the decisions process when placing art works in rooms.	Not completed
8	5h	As a user, I would like to be notified when condition change/vary in a room so that I can decide if the artworks are safe.	Completed in Sprint 5
9	5h	As a user, I want to be able to view artworks' placement in the museum rooms in order to easier find them.	Completed in Sprint 2
10	7h	As a user, I want to browse all available rooms in order to see how many artworks are currently in the room).	Completed in Sprint 2
11	4h	As a user, I want to be notified if any part of the system fails in order to remedy the situation while being informed about the error.	Deleted in Sprint 4
12	6h	As a user, I want the system to be accessed only by users that have an account in order to keep the information secure.	Completed in Sprint 5
13	7h	As a user, I want to be able to manage my current account in order to maintain my account details updated.	Completed in Sprint 5
14	2h	As a user, I want to add comments for an artwork in order to facilitate the process of deciding room placement.	Completed in Sprint 3
15	4h	As a user, I want to search for a specific artwork in the system in order to ease the management process.	Completed in Sprint 3
16	14	As a user, I want the system to trigger room window shutters to open / to close in dependence to the light values measured by the sensors in order to protect the artworks and to keep the rooms shaded during the day or lighted during the morning / evening.	Added in Sprint 5 Completed in Sprint 5
17	20h	As a user, I want to use a graphical interface that displays the overview of artworks location in the museum rooms in order facilitate the management process using drag and drop features.	Deleted in Sprint 5
18	8h	As a user, I want to be able to visualize the measurements in different ways to have better understanding of the changes in the museum.	Added in Sprint 5 Completed in Sprint 5

Grouping User Storys

User management User Stories

1. As an administrator, I want to be able to manage user's accounts(create, delete, update) in order to keep the system up to date.

Account settings and authentication User Stories

12. As a user, I want the system to be accessed only by users that have an account in order to keep the information secure.

13. As a user, I want to be able to manage my current account in order to maintain my account details updated.

Artworks User Stories

2. As a user, I want to be able to view the artworks and their conservation details (humidity, temperature, CO₂, light) in order to understand which is their correct placement in the museum.

4. As a user, I want to be able to manage(add, delete, move, search) new or current artworks in order to keep the application updated.

6. As a user, I want to set optimal environmental conditions when adding a new artwork in the storage in order to facilitate the decisions process when placing art works in rooms.

9. As a user, I want to be able to view artworks' placement in the museum rooms in order to easier find them.

14. As a user, I want to add comments for an artwork in order to facilitate the process of deciding room placement.

15. As a user, I want to search for a specific artwork in the system in order to ease the management process.

16. As a user, I want to use a graphical interface that displays the overview of artworks location in the museum rooms in order facilitate the management process using drag and drop features.

Museum Rooms User Stories

3. As a user, I want to be able to see the humidity, temperature, CO₂, light in each museum room at a certain time in order to prevent artwork damage due to environmental factors.

7. As a user, I want to be able to set optimal enviromental conditions for a specific room in order to facilitate the decisions process when placing art works in rooms.

10. As a user, I want to browse all available rooms in order to see how many artworks are currently in the room).

System notifications and explicit User requirements

5. As a user , I want the system to update artwork location when it is added or moved between the rooms in order to keep artwork placements up to date. (in accordance with User Story 4)
8. As a user, I would like to be notified when condition change/vary in a room so that I can decide if the artworks are safe. (in accordance with User Story 3)
11. As a user, I want to be notified if any part of the system fails in order to remedy the situation while being informed about the error.
17. As a user, I want the system to trigger room window shutters to open / to close in dependence to the light values measured by the sensors in order to protect the artworks and to keep the rooms shaded during the day or lighted during the morning / evening.