

Functional Requirements

Version 1	Initial Version
Version 1.5	Updated the Functional Requirements based on the functionalities of the project Added the feedback

FR-01: Client should be able to login

FR-02: Client should be able to add a new employee

FR-03: Client should be able to edit employees

FR-04: Client should be able to delete employees

FR-05: Client should be able to view account information

FR-06: Client should be able to add a new helicopter

FR-07: Client should be able to add a new private jet

FR-08: Client should be able to edit helicopter

FR-09: Client should be able to edit private jet

FR-10: Client should be able to delete aircraft

FR-11: Client should be able to add a new destination

FR-12: Client should be able to edit destination

FR-13: Client should be able to delete destination

FR-14: Client should be able to purchase a ticket for a destination

FR-15: Client should be able to add aircraft and employee to a destination

FR-16: Client should be able to add mechanic to an aircraft

Web (user)

1,5,12

Desktop (admin)

1,3,4,5,7,8,9

Desktop (manager)

1,6,10,11,12,13,14

MSCW for FR(s):

-Must have:

- FR-01
- FR-03
- FR-04
- FR-05
- FR-10
- FR-11
- FR-12

-Should have:

- FR-02
- FR-06
- FR-07
- FR-08
- FR-09

-Could have:

- FR-13
- FR-14

-Wont have:

Use Cases

UC-01: Login

Covers: FR-01

Actor: Admin/User/Manager

Pre-condition: Actor already has an account

Main Success Scenario

1. Actor goes to the login page
2. System asks for email and password
3. Actor inputs the required information and clicks the login button
4. Actor is logged in

Extensions:

4a. Actor inputs wrong credentials

1. System informs that there is no account associated with these credentials

2. Return to Main Success Scenario step 2

UC-02: add employee

Covers: FR-02

Actor: Admin

Pre-condition: logged in

Main Success Scenario

1. Actor goes to the employee section
2. System displays all employees
3. Actor clicks on add button
4. System displays the Add New Employee Form
5. Actor fills in the required information
6. Actor confirms
7. System confirms and saves the information

Extensions:

6a. Not all required information is filled in

1. System shows a message that says there is missing information

2. Return to main success scenario

UC-03: editing an employee

Covers: FR-03

Actor: Admin

Pre-condition: logged in

Main Success Scenario

1. Actor goes to the employee section
2. System displays all employees
3. Actor selects an employee

4. Actor clicks on edit button
5. System displays the Edit Form
6. Actor fills in the required information
7. Actor confirms
8. System confirms and saves the information

Extensions:

7a. Not all required information is filled in

1. System shows a message that says there is missing information
2. Return to main success scenario

UC-04: deleting an employee

Covers: FR-04

Actor: Admin

Pre-condition: logged in

Main Success Scenario

1. Actor goes to the employee section
2. System displays all employees
3. Actor selects an employee
4. Actor clicks on delete button
5. System displays a message that it was successfully deleted and displays the new list of medicine in the list box
6. Actor confirms

UC-05: view account info/edit

Covers: FR-05

Actor: Manager / User

Pre-condition: logged in

Main Success Scenario

1. Actor clicks and goes to the Account section
2. Actor fills in the required information
3. Actor confirms

Extensions:

3a. Not all required information is filled in or not filled in correctly

1. System shows a message that says there is missing information or wrong input

2. Return to main success scenario

UC-06: add aircraft

Covers: FR-06

Actor: Admin

Pre-condition: logged in

Main Success Scenario

8. Actor goes to the aircraft section
9. System displays all aircrafts
10. Actor clicks on add button
11. System displays the Add New Aircraft Form
12. Actor fills in the required information
13. Actor confirms
14. System confirms and saves the information

Extensions:

6a. Not all required information is filled in

1. System shows a message that says there is missing information

2. Return to main success scenario

UC-07: editing an aircraft

Covers: FR-07

Actor: Admin

Pre-condition: logged in

Main Success Scenario

9. Actor goes to the aircraft section
10. System displays all aircrafts
11. Actor selects an aircraft
12. Actor clicks on edit button
13. System displays the Edit Form
14. Actor fills in the required information
15. Actor confirms
16. System confirms and saves the information

Extensions:

7a. Not all required information is filled in

1. System shows a message that says there is missing information
2. Return to main success scenario

UC-08: deleting an aircraft

Covers: FR-08

Actor: Admin

Pre-condition: logged in

Main Success Scenario

7. Actor goes to the aircraft section
8. System displays all aircrafts

9. Actor selects an aircraft
10. Actor clicks on delete button
11. System displays a message that it was successfully deleted and displays the new list of medicine in the list box
12. Actor confirms

UC-09: add destination

Covers: FR-09

Actor: Admin

Pre-condition: logged in

Main Success Scenario

15. Actor goes to the destination section
16. System displays all destinations
17. Actor clicks on add button
18. System displays the Add New Destination Form
19. Actor fills in the required information
20. Actor confirms
21. System confirms and saves the information

Extensions:

6a. Not all required information is filled in

1. System shows a message that says there is missing information

2. Return to main success scenario

UC-10: editing a destination

Covers: FR-10

Actor: Admin

Pre-condition: logged in

Main Success Scenario

17. Actor goes to the destination section
18. System displays all destinations
19. Actor selects a destination
20. Actor clicks on edit button
21. System displays the Edit Form
22. Actor fills in the required information
23. Actor confirms
24. System confirms and saves the information

Extensions:

7a. Not all required information is filled in

1. System shows a message that says there is missing information
2. Return to main success scenario

UC-11: deleting a destination

Covers: FR-11

Actor: Admin

Pre-condition: logged in

Main Success Scenario

13. Actor goes to the destination section

14. System displays all destinations
15. Actor selects an destinations
16. Actor clicks on delete button
17. System displays a message that it was successfully deleted and displays the new list of destinations in the list box
18. Actor confirms