

UC-SSF-801: Logbook history

Warning

As we are currently in the planning phase, please be aware that there may be changes to the use cases. Adjustments or revisions may occur as the project progresses.

1. Use Case Description

The "Logbook History" use case describes the process by which a registered fisher retrieves and views their past fishing records stored in the logbook within the small-scale fisheries application. The logbook history contains details such as Fishing activities which includes fishing operations such as dates, locations, and catches also includes declaration. This feature helps fishers track their activities and analyze submitted catches. The system provides options to filter, sort, or export logbook if necessary.

1.1. Goal

The goal of this use case is to enable fishers to access and review their past fishing activities efficiently, ensuring they have visibility over their historical records for personal tracking and reporting. It also aims for fisher to re-evaluate logbook and inspect issues such as missing data or wrongly entered data.

1.2. Pre-conditions

1. The fisher must be logged into the fisheries application.
2. The fisher must have previously recorded fishing operations and fishing activities in the logbook.

1.3. Post-conditions

1. The list of "X" number of submitted logbooks are displayed to the fisher.
2. The fisher is able to choose, to filter, to sort, or export the logbook.

1.4. Trigger Event(s)

1.5. Primary Actor:

1. Fisher

1.6. Secondary Actor(s):

1. Application

2. Use Case Details

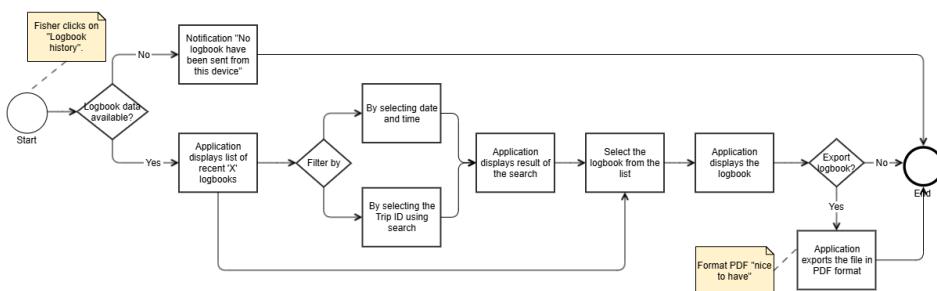


In the activity diagram below:

References from other use cases are marked in "BLUE"

Action is taken or can be taken during this activity are marked in "YELLOW"

2.1. Activity Diagram



2.2. Primary Path

Step ID	Actor	Action	Notes and References
PF-1	Fisher	Fisher navigates from the main menu to "Logbook history".	
PF-2	Application	Opens the user interface of logbook history.	
PF-3	Application	Checks if the logbook data is available.	AF-1: Logbook data available.
PF-4	Application	If yes, then application displays list of "X" recent logbooks.	
PF-5	Application	Also gives the option to filter the logbook by following options: a.) By selecting the Trip ID using search. b.) By selecting date and time.	AF-2: Filter logbook
PF-6	Fisher	Selects the logbook from the list.	
PF-7	Application	Displays the selected logbook.	
PF-8	Application	Asks to export the selected logbook?	AF-3: Export selected logbook
PF-9	Fisher	Selects no to proceed.	
PF-10		This ends the primary path.	

2.3. Alternative Path(s)

AF-1: Logbook data available.

Step ID	Actor	Action	Notes and References
AF-1	Application	The entry point is PF-3 of the primary flow.	
AF-2	Application	This alternative flow is executed if application checks and do not find any logbook data.	
AF-3	Application	Displays notification "No logbook have been sent from the device". This ends the alternate path.	

AF-2: Filter logbook

Step ID	Actor	Action	Notes and References
AF-1	Application	The entry point is PF-5 of the primary flow.	
AF-2	Fisher	The alternate flow is executed if fisher wants to filter the logbook and choose any option from filter by.	
AF-3	Application	Displays the result of the search.	
AF-4	Application	Then application returns to PF-6 of the primary path and all the steps are followed.	PF-6 of primary path.

AF-3: Export selected logbook

Step ID	Actor	Action	Notes and References
AF-1	Application	The entry point is PF-8 of the primary flow.	
AF-2	Fisher	The alternate flow is executed if fisher wants to export the logbook and selects "Yes".	
AF-3	Application	Exports the file in PDF format. This ends the alternate flow.	"Format to be decided - PDF format is nice to have"

2.4. Exception Path(s)

Use Case Realisation

3. Data Model

4. Pseudocode

5. User Interface

Impact and Risks

6. Impact

7. Risks

Test Cases