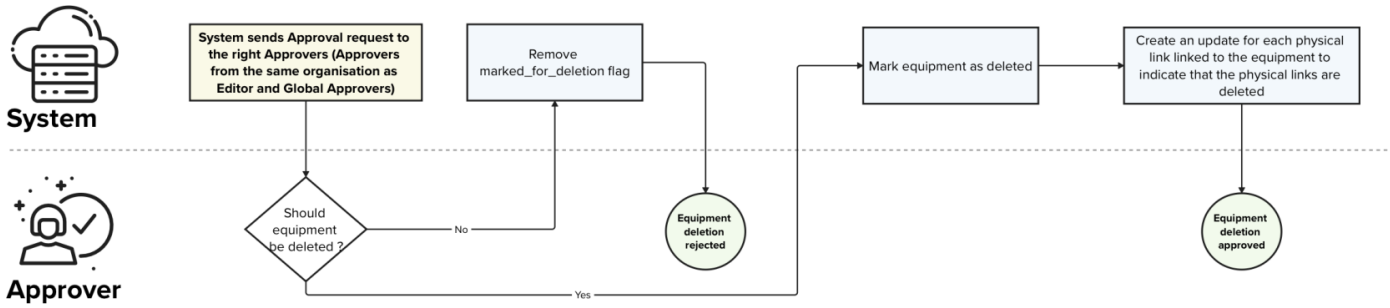
7.10. Approve delete equipment request

Approve delete equipment request



Name	**Approve delete equipment request**
Purpose	Allow Approver to validate an equipment delete request
Linked user stories	4.42. Editor - Delete an equipment 4.50. Approver - Approve deleted equipment request 4.55. Organisation Approver - Approve delete equipment request for organisation
APIs used	**PUT** /equipments/<equipment-id>/approve **PUT** /equipments/<equipment-id>/reject **PUT** or **PATCH** /equipments/<equipment-id>
Scope	This process only handles the validation of an already created equipment deletion request
Roles	System, Approver / Global Approver
Input	- id of the unit that is marked for deletion - optionally the information to amend
Output	- confirmation that the update request has been approved/rejected

Detailed Process description

Main Process

Step	Description	Actor(s)	Input(s)	Output(s)	Decision points
1	The System sends out notifications to the Global approvers and organisation approvers, indicating that an approval a pending.	System	- Outside trigger (e.g. Editor sent a delete request)	- notification to the Global and organisation Approvers	
2	The Approver verifies if the equipment can be deleted	Approver	- equipment deletion request	- yes / no	**If the equipment can be deleted:** Go to step 3 **Else:** Go to secondary process S.1
3	The System marks the equipment with the flag “is_deleted = true” and adds the information on the date of validation and the user that validated the request	System	- equipment with flag “marked_for_deletion = true”	- equipment with flag “is_deleted = true” - approver set to the user that triggered the approval - approval date set to the current date	
4	The System creates validated update requests with the flag “is_deleted = true” for each active physical link that are linked to the deleted equipments	System	- unit	- new validated physical links with the flag “is_deleted = true” for each active physical link that is linked to the deleted equipments	
5	The Approver gets a confirmation that the approval has been applied	Approver	- confirmation of the validation		

Secondary Processes

S.1. Delete equipment request rejected

Step	Description	Actor(s)	Input(s)	Output(s)	Decision points

1	The System removes the mark_for_deletion tag from the equipment entry	System	- equipment marked for deletion	- equipment with the flag “mark_for_deletion = false”	
2	The Approver gets a confirmation that the deletion rejection has been applied	Approver	- deletion request rejection confirmation		

Exceptions

[400 Bad Request] Invalid input:

If mandatory fields are missing or invalid, the system returns an error message.

[404 Not Found] Equipment not found

Error returned by the system if the given equipment does not exist.

[500 Internal Server Error] System Error

If the system fails to save changes due to an internal error, it displays an appropriate message and logs the error for further investigation.

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