

IndusTree - Factory Management Platform

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Project Title: IndusTree (Factory Management Platform)

Requirements:

ID	Requirement	Topic Area	User
UR – 009	Users can view and delete applied leave & claims	Leave and Claims	All
UR – 010	Users can approve/disapprove the applied leave and claims	Approvals Central	HR Manager
UR – 011	Users can request for stock	Line Status	Factory Supervisor
UR -- 014	Users can deactivate employee profiles	Authorization	Admin
UR -- 015	Users can change employee access rights	Authorization	Admin

Use Case Documents:

Use Case ID	UR-009
Use Case Name	Users can view and delete applied leave & claims
Description	Users can view the status of their previous requests and delete applied requests

Actors	Riomhaire Affiliates		
Pre-conditions	User must be logged in		
Post-conditions	The user can view their request statuses and their deleted requests are removed from the databases		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1.	Click on the Dashboard link.	The system redirects the user to the dashboard page where all notifications are shown. The system populates this page with the user's requests from the requests databases.
	2.	Click on the Delete link for the request to be deleted.	The system deletes the corresponding request from the request database and refreshes the dashboard page without the corresponding deleted request.
Exceptions			
Notes and Issues			
Developer Notes			

Use Case ID	UR-010
Use Case Name	Users can approve/disapprove the applied leaves and claims
Description	Users can approve the leaves and claims as requested by other employees

Actors	HR Manager		
Pre-conditions	User must be logged in as an HR Manager		
Post-conditions	User can approve the applied requests and the corresponding employee is notified		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1.	Click on the Approval Central link.	The system redirects the user to a page where they can view all the requests for leaves and claims appealed by the employees.
	2.	Click the link corresponding to a specific request.	The system redirects the user to a page where they can view more details about the specifics of the request of the employee.
	3.	Click the Approve/Disapprove button.	The corresponding request is marked for approval/disapproval in the database. The system then archives the request from the approval center and notifies the user that made the request of its approval/disapproval.
Exceptions			
Notes and Issues			
Developer Notes			

Use Case ID	UR-011
Use Case Name	Users can request for stock
Description	Users can request for any stock to be replenished in the selected machine

Actors	Factory Supervisor		
Pre-conditions	User must be logged in as a Factory Supervisor		
Post-conditions	The user's request for stock is logged		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1.	Click on the Line Statuses link.	The system displays the status of all the lines (whether working, malfunction, stock-off or low), their Line manager, the Item ID of the units currently processing and the stock quantity of a type.
	2.	Click the corresponding Request Stock link.	The system redirects the user to a page where they can enter the details of the unit to be re-stocked.
	3.	Click Submit Request button.	The system validates the details provided by the user and notifies the supply room about the requested stock on a successful submission of the appeal. The request is logged in the database.
Exceptions	When mandatory fields are left vacant, an error message is displayed.		
Notes and Issues			
Developer Notes			

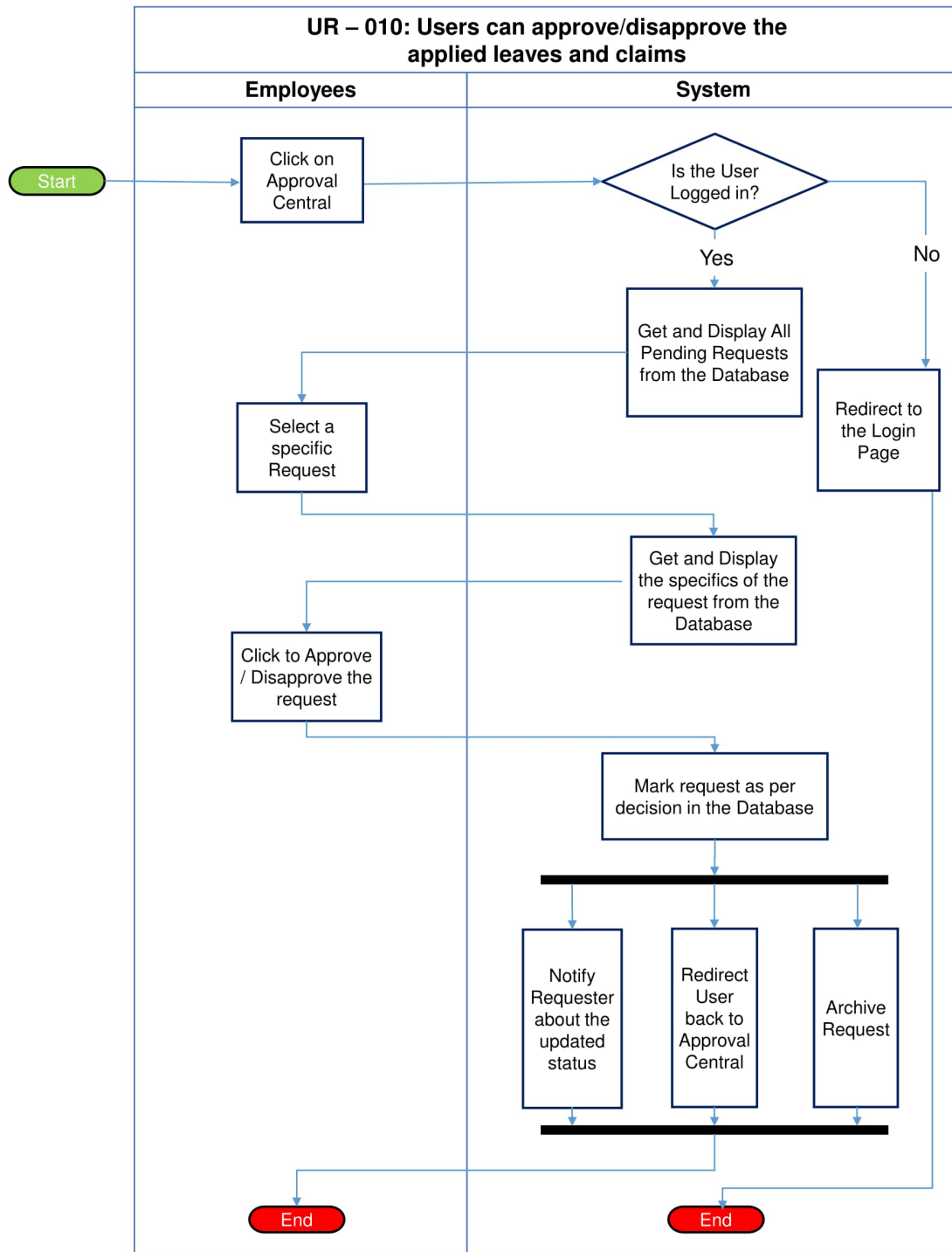
Use Case ID	UR-014
Use Case Name	Users can deactivate the employee profile
Description	Users can deactivate an employee's profile if the employee is no longer working in the company

Actors	Admin		
Pre-conditions	User must be logged in as an Admin		
Post-conditions	The corresponding profile is deactivated		
Frequency of Use	Rarely		
Flow of Events	S.No	Actor Action	System Response
	1.	Click on the Access Central Link	The system redirects the user to a page where they can view all the employees in a department along with their role and access rights.
	2.	Click on a specific Employee	The system redirects to the employee profile where the user can deactivate the profile.
	3.	Click on the Deactivate button.	The system updates the active Flag in the user table effectively deactivating the profile. The system then redirects the user to the access central page.
Exceptions			
Notes and Issues			
Developer Notes			

Use Case ID	UR-015
Use Case Name	User can change access rights for employees
Description	User can change the role of the employee as per company requirements

Actors	Admin		
Pre-conditions	User must be logged in as an Admin		
Post-conditions	The corresponding user's access rights are modified		
Frequency of Use	Rarely		
Flow of Events	S.No	Actor Action	System Response
	1.	Click on the Access Central Link	The system redirects the user to a page where they can view all the employees in a department along with their role and access rights. The view has links above to switch to other departments.
	2.	Click on a specific Employee	The system redirects to the employee profile where the user can change the access rights.
	3.	Set the required options in the drop-down menus and Click the Update button.	The system updates the role in the user table. The system then refreshes the employee profile page with the new roles and displays a notification message of the update. The system then notifies the corresponding employee that their role has been changed.
Exceptions			
Notes and Issues			
Developer Notes			

Activity Diagram:



User Interaction Diagram:

UR – 010: Users can approve/disapprove the applied leaves and claims

