IndusTree - Factory Management Platform

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Project Title: IndusTree (Factory Management Platform)

Requirements:

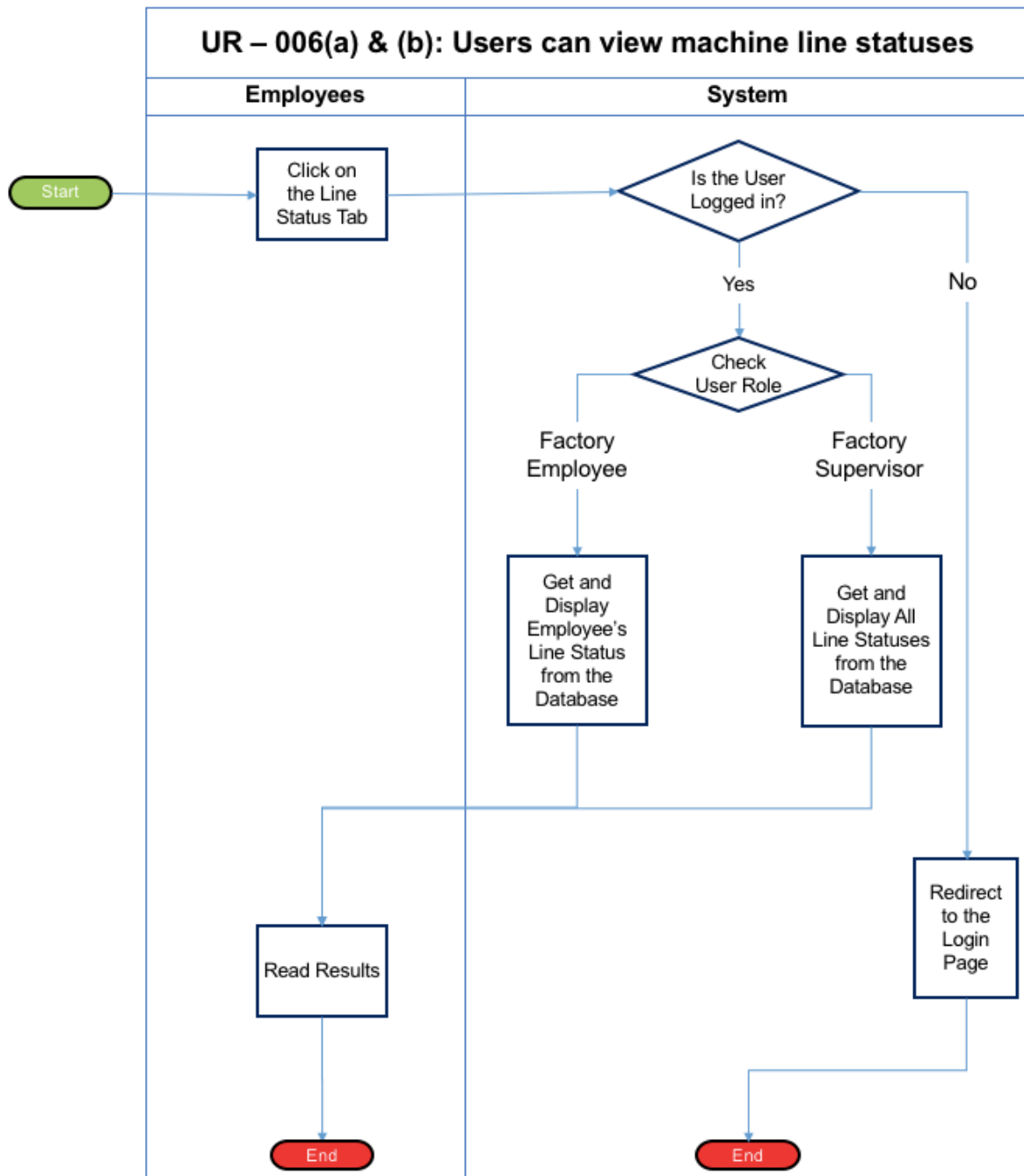| ID	Requirement	Topic Area	User
UR – 006(a)	Users can view their machine line status	Line Status	Factory Line Employee
UR – 006(b)	Users can view machine line statuses of all lines	Line Status	Factory Supervisor

Use Case Documents:

Use Case ID	UR-006(a)
Use Case Name	Users can view their machine line status
Description	Users can view the status of all the lines administered/operated by their, the Item ID of the units currently processing and the stock quantity of a type.

Actors	Factory Line Employee		
Pre-conditions	User must be logged in.		
Post-conditions	User can view their detailed machine line status.		
Frequency of Use	Frequently		
Flow of Events	**S.No**	**Actor Action**	**System Response**
	1.	User visits the Employee homepage and clicks on the My Lines link.	The system redirects the user to a page where they can view the functional status of the line, the Item ID of the units currently processing and the stock quantity of the machine type.
Exceptions			
Notes and Issues			
Developer Notes			

Use Case ID	UR-006(b)
Use Case Name	Users can view the machine line status of all the lines.
Description	Users can view the status of all the lines, the Item ID of the units currently processing and the stock quantity of a type.

Actors	Factory Supervisor		
Pre-conditions	User must be logged in as a Factory Supervisor.		
Post-conditions	User can view the detailed machine line status of all lines.		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1.	User visits the Employee homepage and clicks on the Line Statuses link.	The system redirects the user to a page where they can view, for all the lines, the functional status of the lines, the Item ID of the units currently processing and the stock quantity of the machine type.
Exceptions			
Notes and Issues			
Developer Notes			

Activity Diagram:

UR – 006(a) & (b): Users can view machine line statuses

Employees	System

Start

Click on the Line Status Tab

Is the User Logged in?

Yes — No

Check User Role

Factory Employee — Factory Supervisor

Get and Display Employee's Line Status from the Database

Get and Display All Line Statuses from the Database

Read Results

Redirect to the Login Page

End — End

User Interaction Diagram:

UR – 006(a) & (b): Users can view machine line statuses