IndusTree - Factory Management Platform

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Project Title: IndusTree (Factory Management Platform)

Requirements:

ID	Requirement	Topic Area	User
UR – 001	Users logs into the application	Authentication	All
UR – 002	Creation of user profiles	Authentication	HR Manager
UR – 003	Users can view their profile	Profile	All
UR – 004	Users can edit their personal information	Profile	All
UR – 005(a)	User can search for and view the public profile of other employees	Search	All
UR – 005(b)	User can search for and view all employee information	Search	HR Manager

Use Case Documents:

Use Case ID	UR-001
Use Case Name	User logs into the application
Description	User logs into the application by providing their username (email-ID) and password

Actors	All Affiliates		
Pre-conditions	User should have an existing profile with a riomhare.com email-ID as a username		
Post-conditions	Login Successful: The Employee homepage window is displayed. Users can now view their details and logs		
Frequency of Use	Daily		
Flow of Events	S.No	Actor Action	System Response
	1	Visit the login page.	The username and password fields get displayed for entry.
	2	Enter their credentials and click on the Log-in button.	The system authenticates the user based on information provided by them and lets the user access the Employee homepage on a successful login.
Exceptions	An error message is displayed if the user's credentials are not authenticated or if mandatory fields are left blank.		
Notes and Issues			
Developer Notes			

Use Case ID	UR-002
Use Case Name	Creation of User profiles
Description	The HR-manager is responsible for creating profiles of new employees by generating a unique username as per the details entered

Actors	HR-Manager		
Pre-conditions	User must be logged in as an HR Manager		
Post-conditions	A new user account gets created successfully		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1	Click on the link to the Employee Central.	The Employee Details fields to create a new employee are displayed.
	2	Click on the Create Employee button.	The system authenticates the information provided by the actor and adds the new employee to the company's database.
Exceptions	When mandatory fields are left vacant, an error message is displayed.		
Notes and Issues			
Developer Notes			

Use Case ID	UR-003
Use Case Name	Users view their profile
Description	Users can view their profile by clicking on the My Profile section

Actors	Riomhaire Affiliates		
Pre-conditions	User must be logged in		
Post-conditions	User's Profile page is displayed		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1	Click on the My Account button.	The system redirects the user to a page where they can view their account details.
Exceptions			
Notes and Issues			
Developer Notes			

Use Case ID	UR-004
Use Case Name	Users can edit their personal information
Description	Users can modify their account and access information

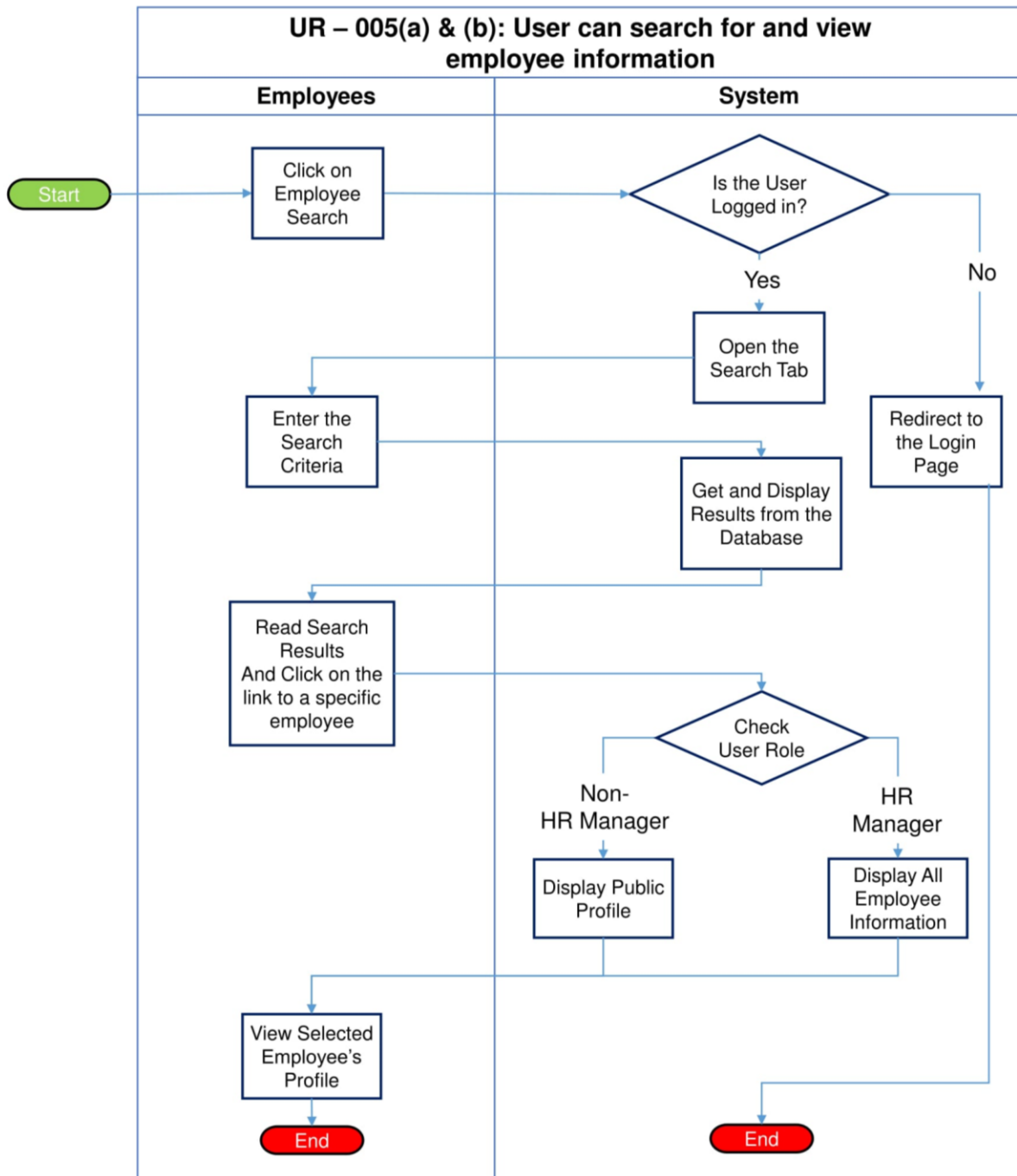| Actors	Riomhaire Affiliates		
Pre-conditions	User must be logged in		
Post-conditions	User can view their updated profile		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1.	Click on the My Account button.	The system redirects the user to their account information page.
	2.	Click on the Update profile button.	The system redirects the user to a page where they can update their personal information.
	3.	Enter the new details and clicks on the Update button.	The system validates that all the required fields have realistic data entered in them and the user's password. It then saves all the changes requested and updates the employee database with the new information. The newly updated profile is now displayed to the user.
Exceptions	When mandatory fields are left vacant, an error message is displayed.		
Notes and Issues			
Developer Notes			

Use Case ID	UR-005(a)
Use Case Name	User can search for and view the public profile of other employees
Description	Users can search for contact information about other employees

Actors	Riomhaire Affiliates		
Pre-conditions	User must be logged in		
Post-conditions	User can view the public profile of the fellow employees		
Frequency of Use	Frequently		
Flow of Events	S.No	Actor Action	System Response
	1.	Click on the Employee Search link.	The system redirects the user to a page where they can search for other employees. The Name and Department fields are displayed.
	2.	Enter the details of the employee to be searched for and click on the Search button.	The system validates that all the required fields have data and checks the database for all employees whose details fit the required description. It then displays the relevant employees.
	3.	Click on the required search result	The system redirects the user a page with the corresponding employee's public profile information.
Exceptions	When all fields are left vacant, an error message is displayed.		
Notes and Issues			
Developer Notes			

Use Case ID	UR-005(b)
Use Case Name	User can search for and view all employee information
Description	Users can search for all available information about all employees

Actors	HR-Manager		
Pre-conditions	User must be logged in as an HR Manager		
Post-conditions	User can view proof all employees		
Frequency of Use	Frequently		
Flow of Events	**S.No**	**Actor Action**	**System Response**
	1.	Click on the Employee Search link.	The system redirects the user to a page where they can search for all employees. The Name and Department fields are displayed.
	2.	Enter the details of the employee to be searched for and click on the Search button.	The system validates that all the required fields have data and checks the database for all employees whose details fit the required description. It then displays the relevant employees.
	3.	Click on the required search result	The system redirects the user a page with the corresponding employee's public profile information.
Exceptions	When all fields are left vacant, an error message is displayed.		
Notes and Issues			
Developer Notes			

Activity Diagram:

UR – 005(a) & (b): User can search for and view employee information

Employees	System

Start

Click on Employee Search

Is the User Logged in?

Yes — **Open the Search Tab**

No — **Redirect to the Login Page**

Enter the Search Criteria

Get and Display Results from the Database

Read Search Results And Click on the link to a specific employee

Check User Role

Non-HR Manager — **Display Public Profile**

HR Manager — **Display All Employee Information**

View Selected Employee's Profile

End

End

User Interaction Diagram:

UR – 005(a) & (b): User can search for and view employee information