IndusTree - Factory Management Platform

Team: Nestor Lobo, Shreya Verma, Varsha Teratipally

Title: IndusTree (Factory Management Platform)

Description:

A platform to aid in the management of the daily workings of a factory. It enables a centralized management system of tasks such as tracking machine stock levels. It also provides a management system for the Human Resources department.

Actors: Factory Line Employee, Factory Supervisor, HR Manager

Functionality:

Common:

- Employees can login with a reset password section for forgotten passwords
- Employees can update their personal information
- Employees can apply for leaves and claims
- Employees can search relevant public information about fellow employees

Factory Line Employee:

- Employees can check machine line status

Factory Supervisor:

- Factory Supervisor can check the line status and stock for all machines in the factory
- Factory Supervisor can request stock

HR Manager:

- Employee creation with login details for all employees
- HR Manager can approve/disapprove leave or claim requests
- HR Manager can access to all the information related to an Employee

Admin:

- Provides access rights
- Deallocation of Employees
- System overview and Management

Stretch Functionality:

Sales Manager: Views and updates stock and sales for products

Alert System for stock shortage