

Industry Management System

D21IT177: Foram Nandasana

2nd year Information Technology, Smt. Kundaben Dinsha Patel Institute
of Information Technology Charotar University of Science and
Technology, Anand, Gujarat, India

Guided by: Prof Arkesha Shah

- **Abstract**

Industry management system is a systematic organization and presentation of information that is generally required by the management of organization. It is the key factor to facilitate and attain efficient decision making in an organization.

- **Introduction**

Everywhere time plays vital role, In industries mostly all factory floor working is done on papers only which are time consuming, untidy and has lack of availability resources sometimes which reflects bad management of company.

So, In the existing system all the information is totally based on paper. It will take more man power and it will take more time. The redundancy of data is to be maintained.

So, In Industry management system Provide overall control and management of the factory floor and its inventory.

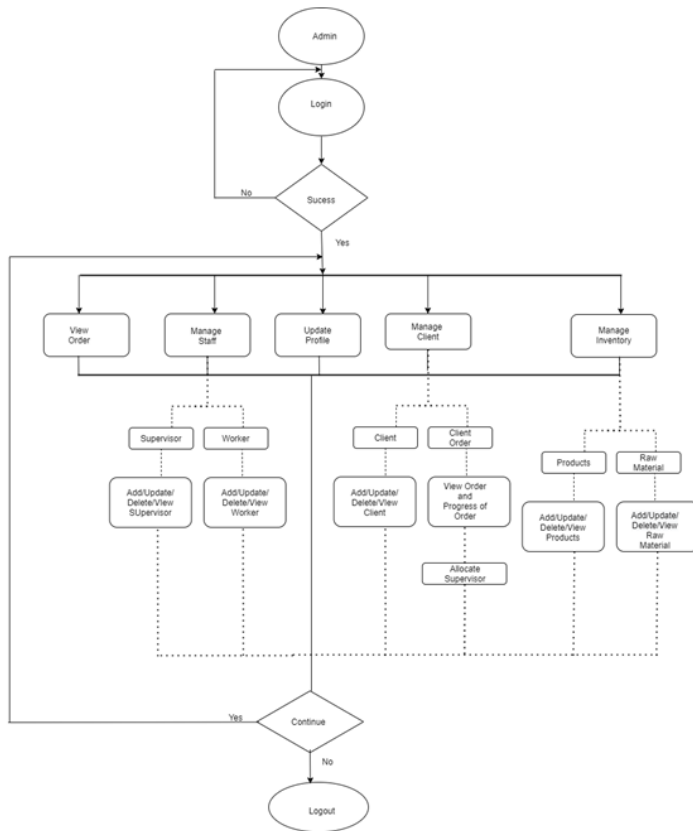
Industry management system is computerized systems [implemented using tablets (Industrial PC)]. This system provides information that helps manufacturing decision makers understand how current conditions on the factory floor can be optimized to improve production output. This system is divided into four categories: Admin, Supervisor, Worker and Client.

- **Keywords**

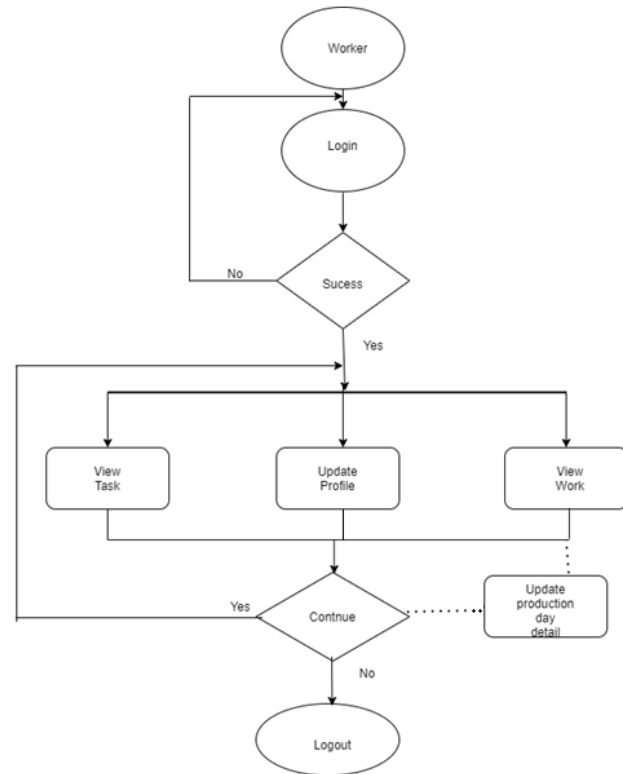
Products, Inventory, Orders, Work Progress. Different languages used in this project are HTML, CSS and JavaScript (front end) Python and MySQL (back end).

- Proposed work

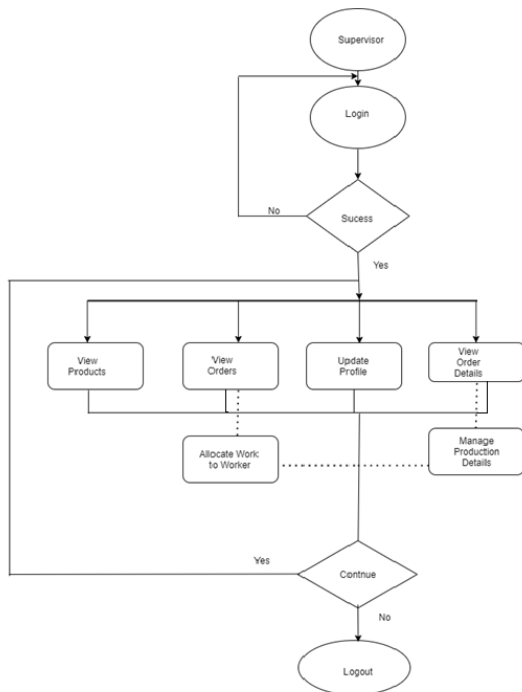
Admin



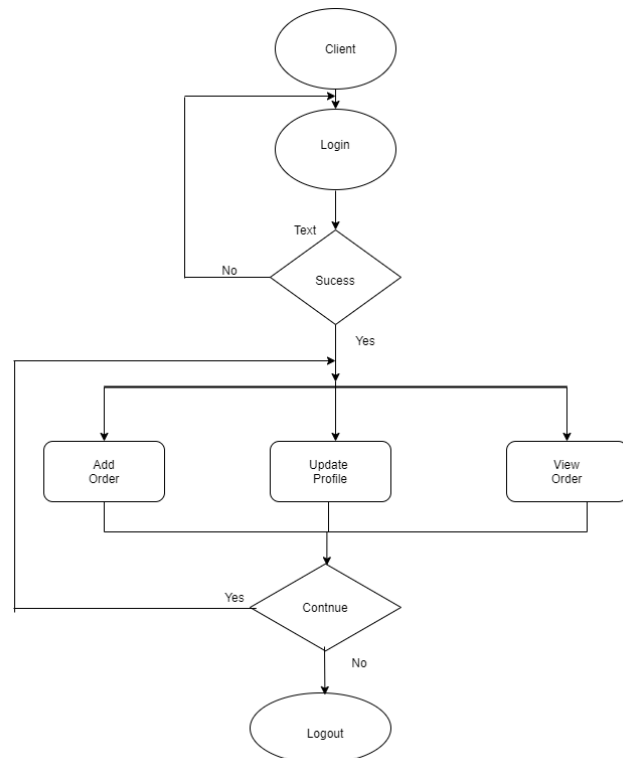
Worker



Supervisor

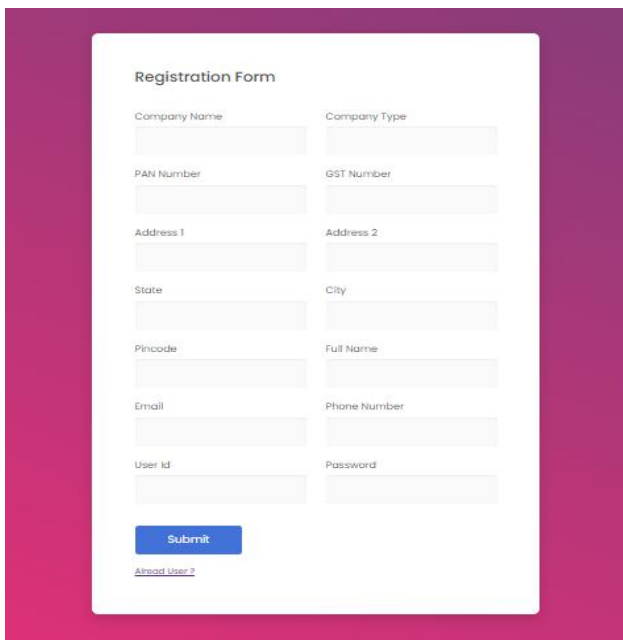


Client



- Result

Admin Panel



Registration Form

Company Name Company Type

PAN Number GST Number

Address 1 Address 2

State City

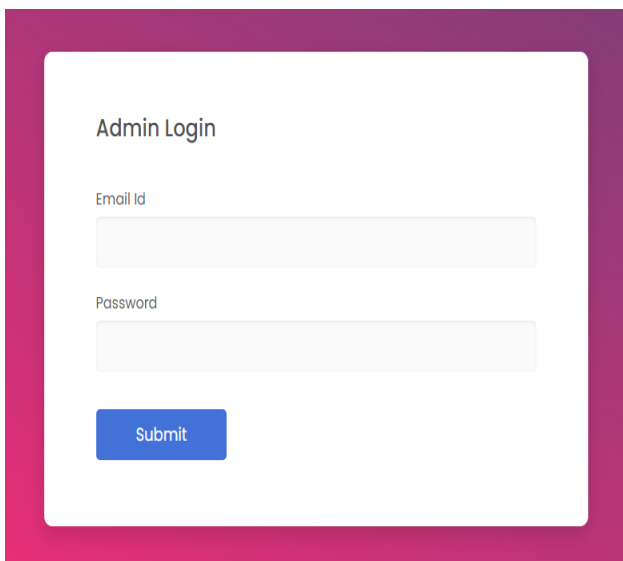
Pincode Full Name

Email Phone Number

User Id Password

[Forgot User ?](#)

Admin registration form

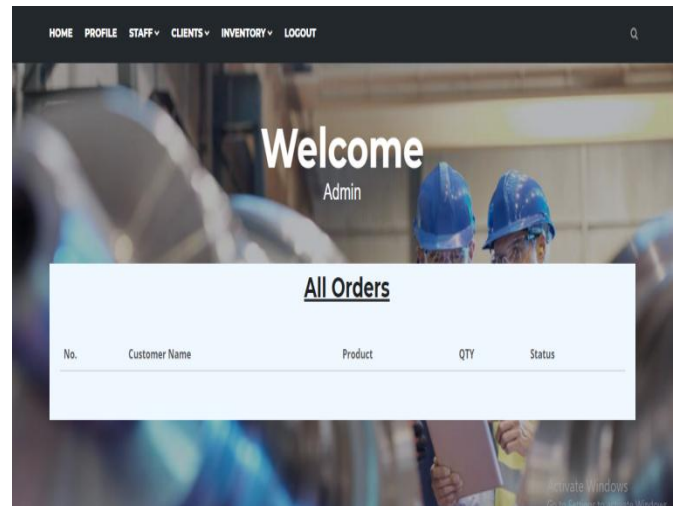


Admin Login

Email Id

Password

Admin Login



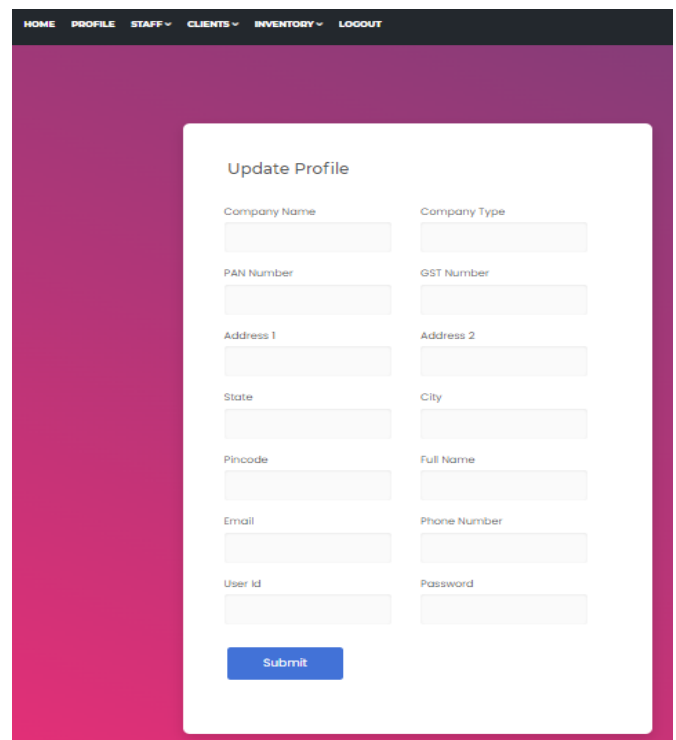
HOME PROFILE STAFF CLIENTS INVENTORY LOGOUT

Welcome Admin

All Orders

No.	Customer Name	Product	QTY	Status
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Admin home page from here admin can see order details.



Update Profile

Company Name Company Type

PAN Number GST Number

Address 1 Address 2

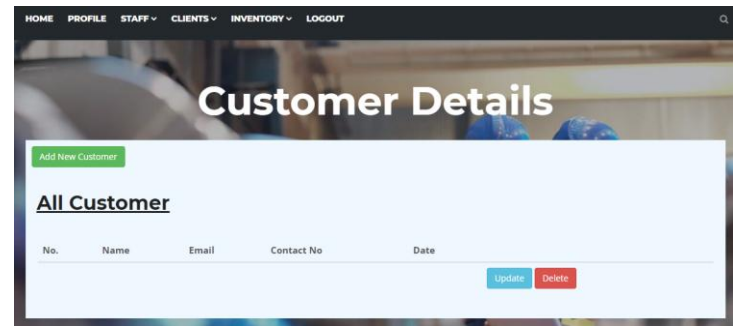
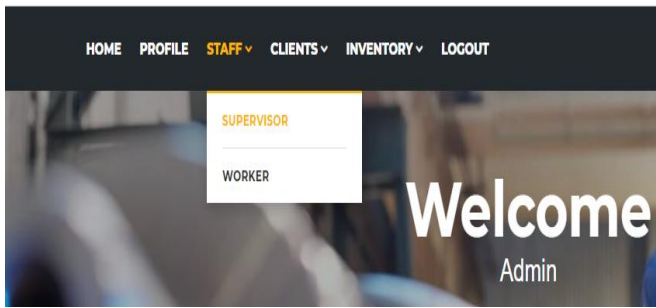
State City

Pincode Full Name

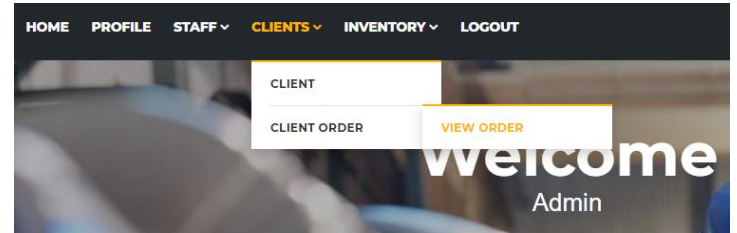
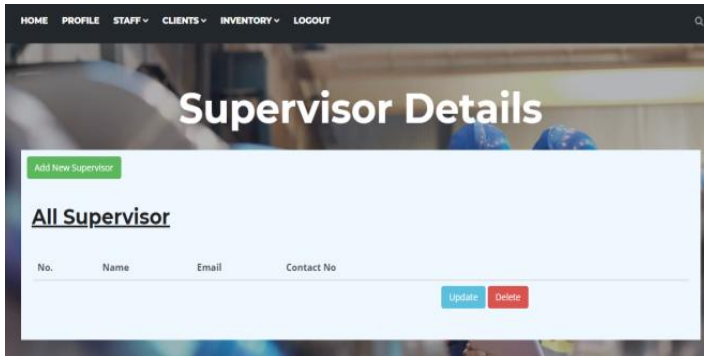
Email Phone Number

User Id Password

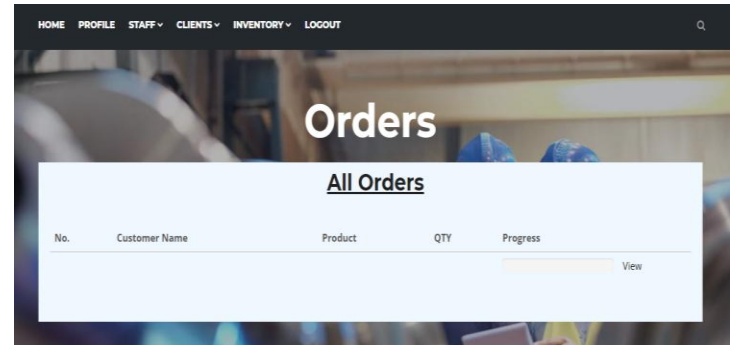
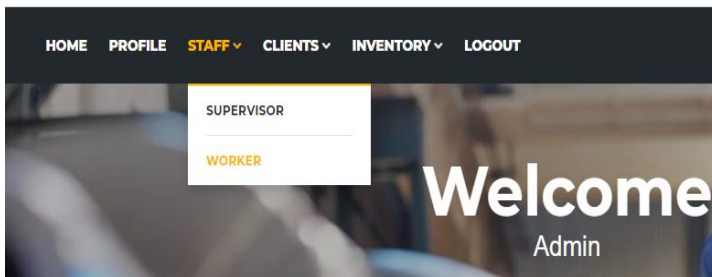
Admin can update his/her profile.



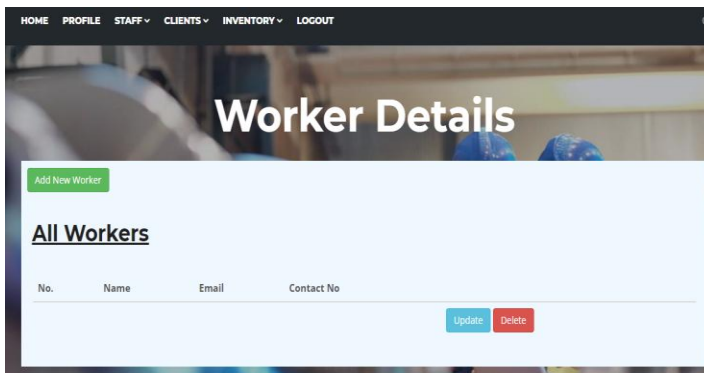
Admin can add/view/update/delete Customer details.



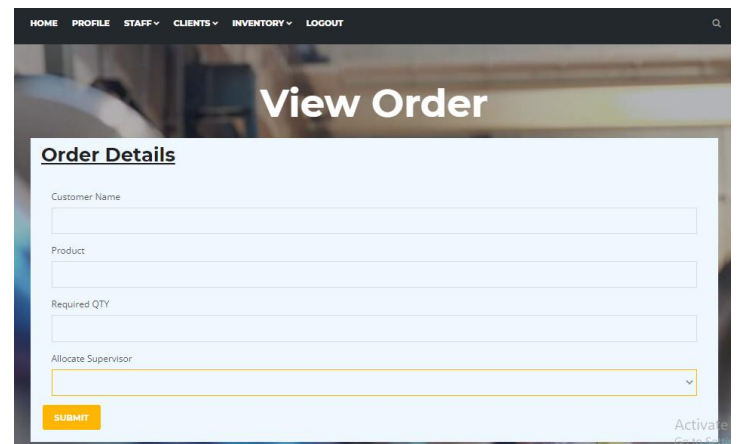
Admin can add/view/update/delete supervisor details.



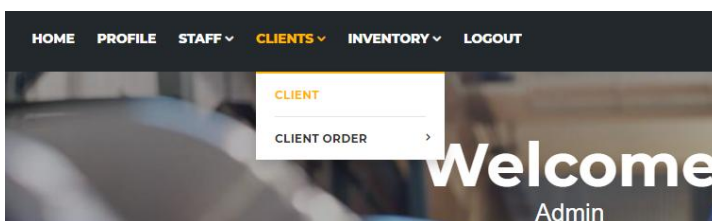
Admin can view customers order progress.

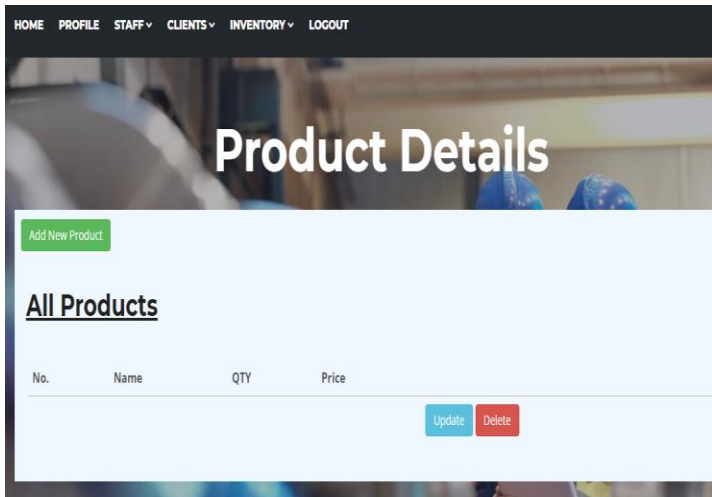
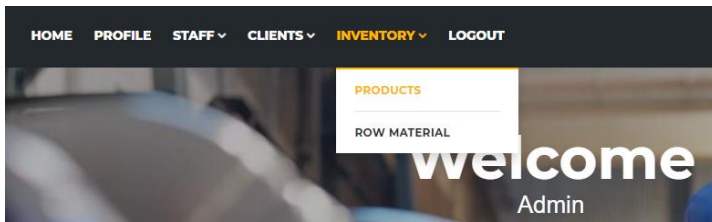


Admin can add/view/update/delete Worker details.

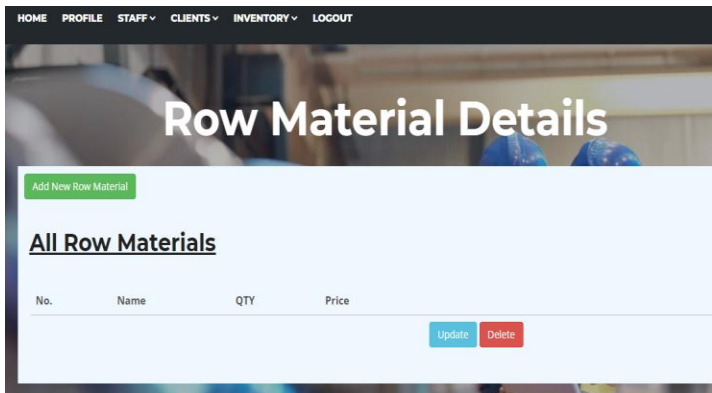
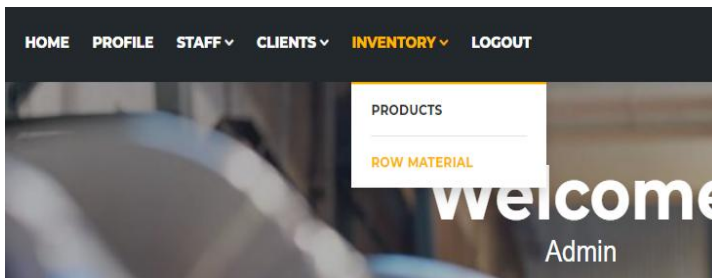


Admin can allocate supervisor for particular task.



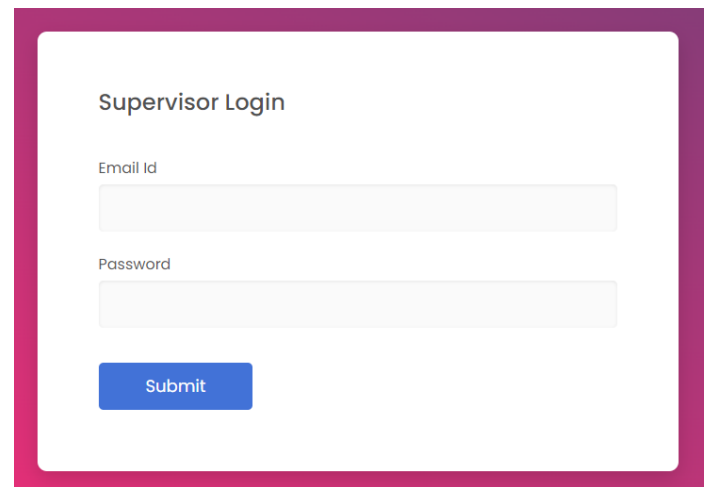


Admin can add/view/update/delete Product details.

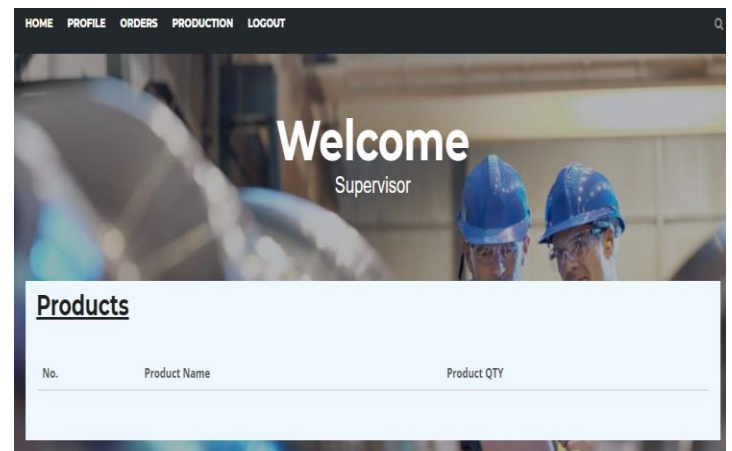


Admin can add/view/update/delete Row Material details.

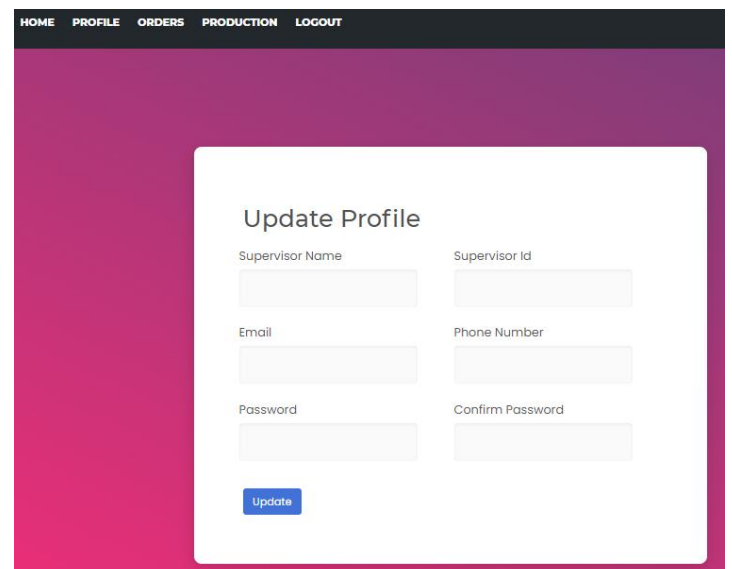
Supervisor Panel



Supervisor Login



Supervisor home page from here supervisor can see his/her task.



Supervisor can update his/her profile

HOME PROFILE ORDERS PRODUCTION LOGOUT

Orders

All Orders

No.	Customer Name	Product	QTY	Status
View				

Supervisor can view all order status which are under his/her.

HOME PROFILE ORDERS PRODUCTION LOGOUT

View Order

Order Details

Customer Name

Product

Required QTY

Allocate Worker

SUBMIT

Supervisor can allocate worker for particular task.

HOME PROFILE ORDERS PRODUCTION LOGOUT

Orders

Orders Data

No.	Product	QTY
View Production		

Supervisor can view production.

HOME PROFILE ORDERS PRODUCTION LOGOUT

Production Details

Details

Product Name

Enter QTY

Required Days

Details

Update

VIEW DAYS

Supervisor can view/update production details.

HOME PROFILE ORDERS PRODUCTION LOGOUT

Production Days Details

Production Details

ADD DAY DETAIL

No.	Day No	Day Process Details	Day Progress

Supervisor can view day wise progress

HOME PROFILE ORDERS PRODUCTION LOGOUT

Production Day Detail

Day Details

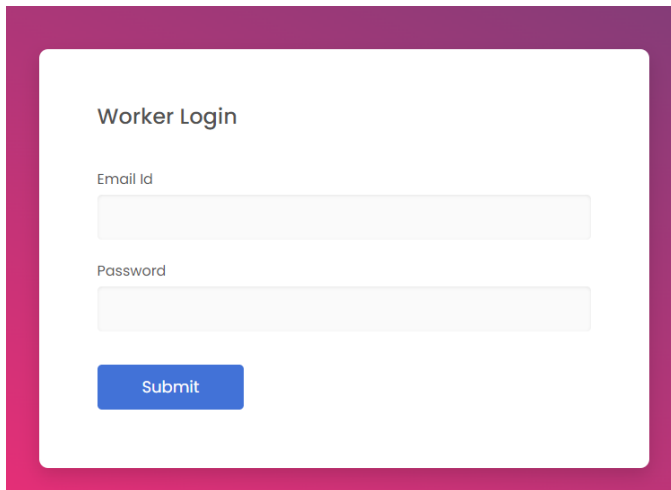
Product Name

Process Details

Submit

Supervisor can allocate day wise task.

Worker Panel

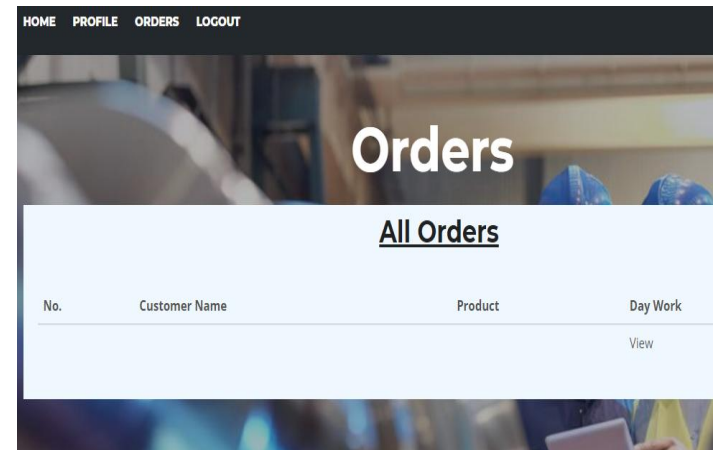


Worker Login

Email Id

Password

Submit



HOME PROFILE ORDERS LOGOUT

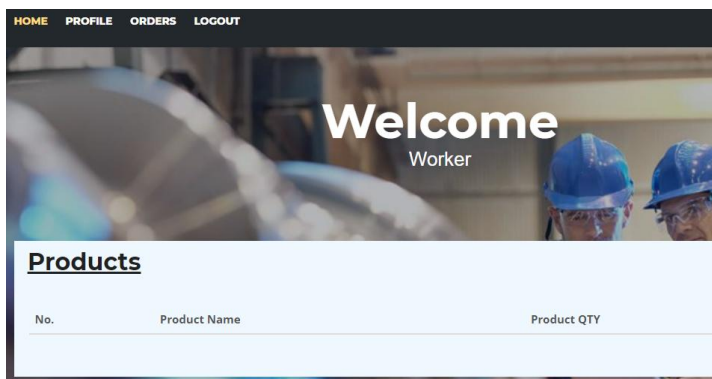
Orders

All Orders

No.	Customer Name	Product	Day Work
			View

Worker can view his/her task.

Worker login



HOME PROFILE ORDERS LOGOUT

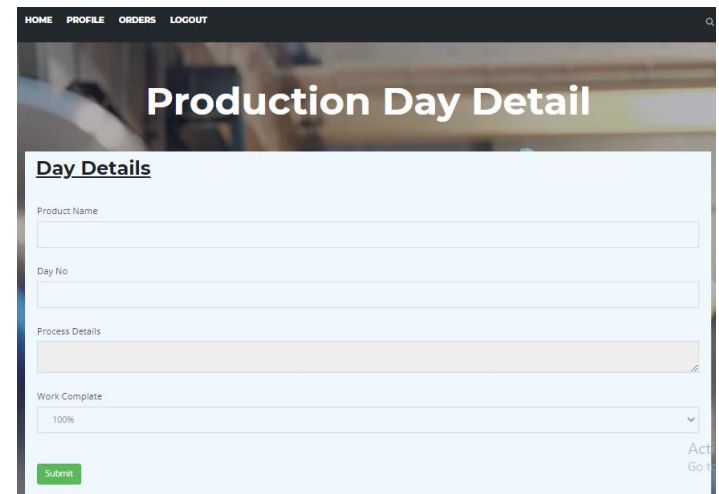
Welcome

Worker

Products

No.	Product Name	Product QTY
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Worker home page from here worker can view products under his/her.



HOME PROFILE ORDERS LOGOUT

Production Day Detail

Day Details

Product Name

Day No

Process Details

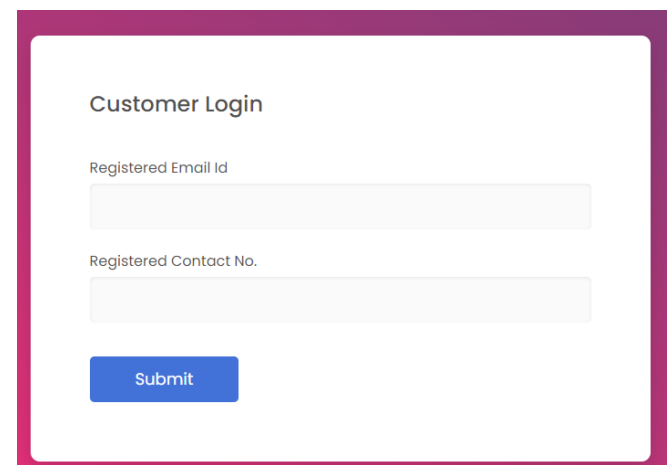
Work Complete

100%

Submit

Worker can update his/her work which has been completed.

Customer Panel



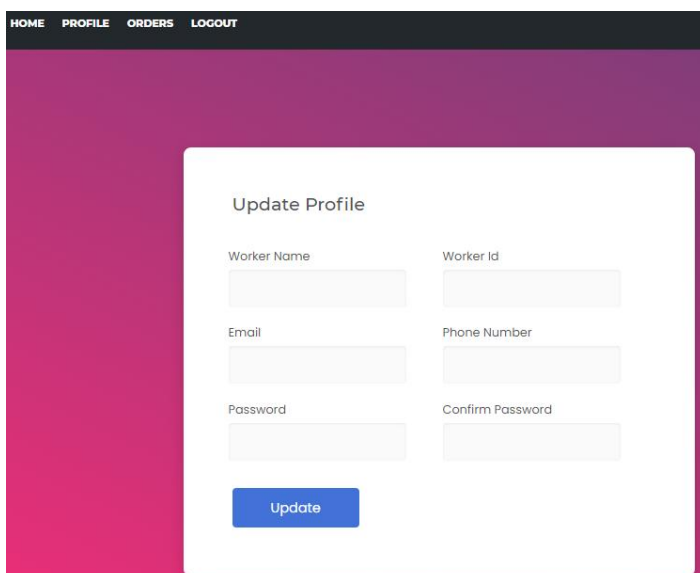
Customer Login

Registered Email Id

Registered Contact No.

Submit

Customer Login



Update Profile

Worker Name

Worker Id

Email

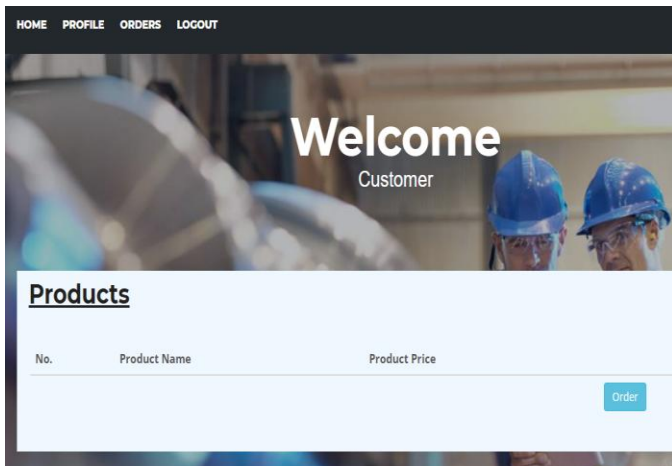
Phone Number

Password

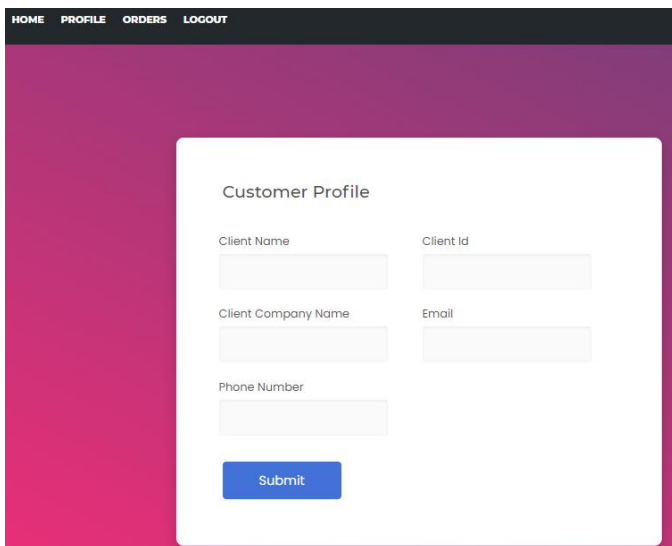
Confirm Password

Update

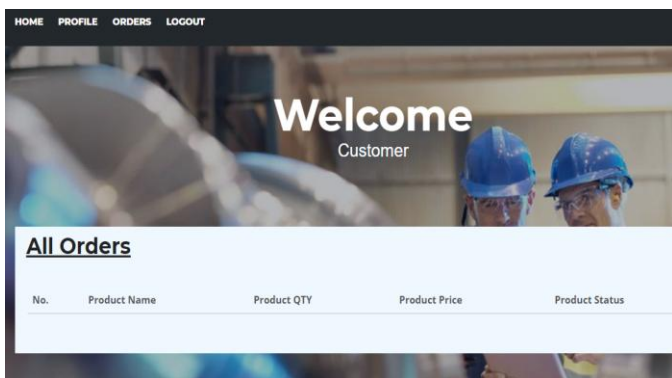
Worker can update his/her profile.



Customer home page from here they can view and order the products.



Customer can update his/her profile.



Customer can view his/her order progress.

- **Conclusion**

Using this system organization will be able to maintain visibility among all the task being done on factory floor as well as can have look over inventory and products at the same time which will give accurate and consistent measurements and reporting in result you will find minimal work-in-progress perfectly, maintained inventory with no overages and perfect supply chain.

- **References**

- ✓ <https://themefisher.com/products/construction-template/>
- ✓ <https://app.diagrams.net/>
- ✓ <https://remotestack.io/react-bootstrap-login-register-ui-templates/>
- ✓ <https://docs.djangoproject.com/en/3.2/>