



Use Case

Digital Shopfloor Audit Xystem

With

Digital Factory Operating System
(DFOS™)



1

Complex Handling of paper-based audit system

Paper based system takes observations only and any abnormality opens more paper-based processes subsequently.

2

Physical Infrastructure for Record Keeping

Due to high retention period of records, huge investment in building infrastructure is required to keep and maintain the physical records.

3

Traceability and linkage issues

Once the problem occurs, it takes lot of time to trace the records and establish linkage between abnormality and actions taken.

4

Environmental Impact

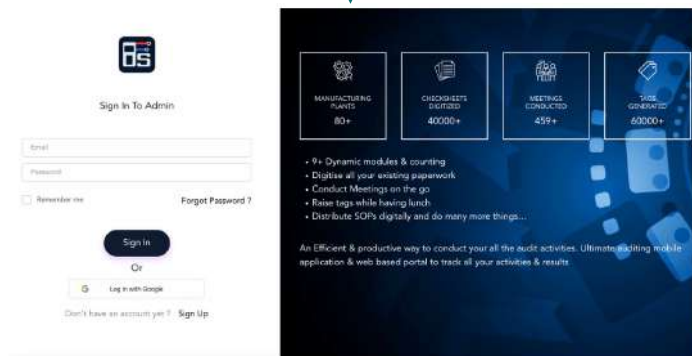
Excessive amount, ink and stationery is used to follow the paper-based system which impacts mother nature not only due to cutting of trees but also while disposal.



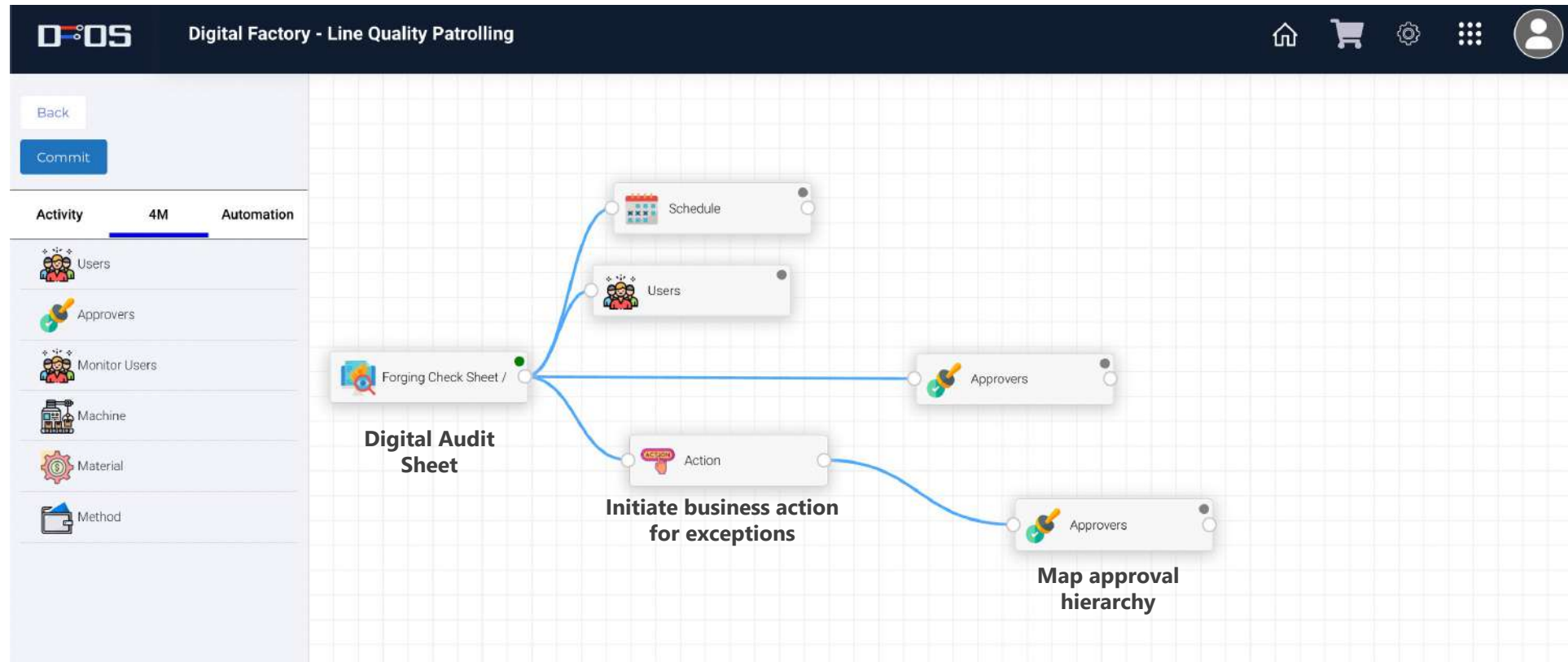
Challenge

Solution Methodology

Digitize One Audit System in less than 30 minutes



Workflow Creation



Create, Edit and schedule using **DIY** workflow creation functionality

Wireframes

Solution

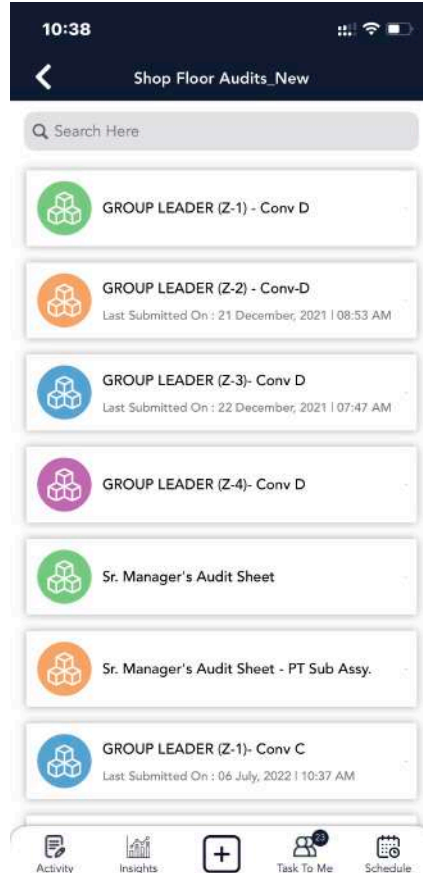
Challenge

<https://www.designx.in>

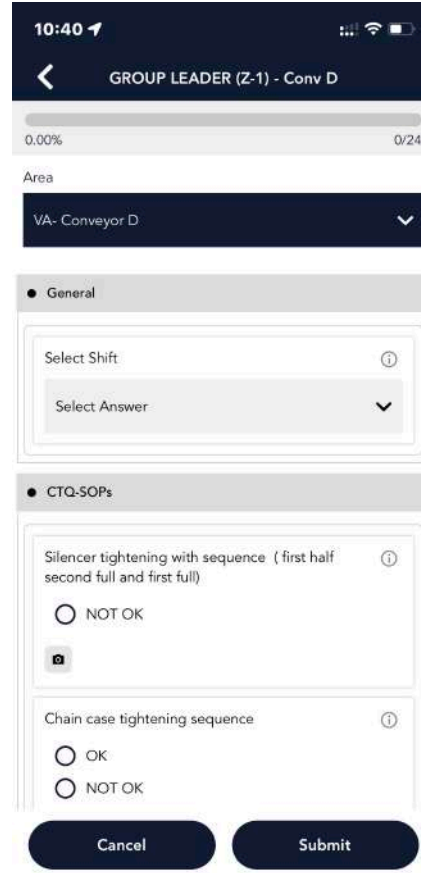
Conduct Audit on-the-go, using Mobile Application



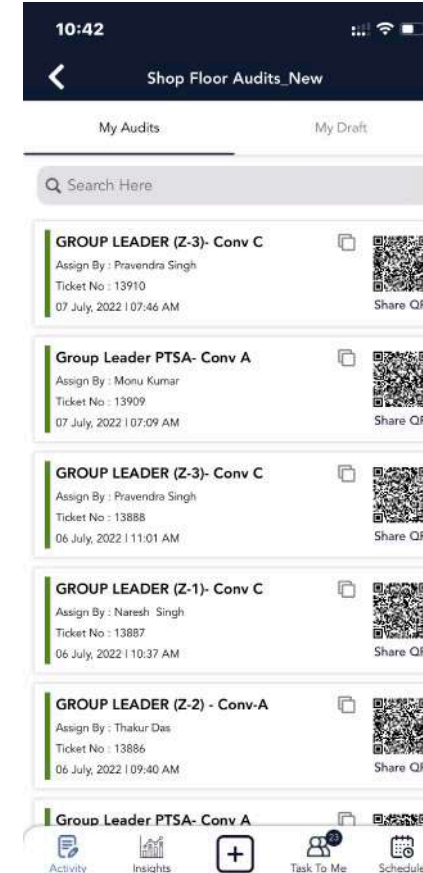
Landing page where user gets list of all the audits mapped.



View audit sheets as per schedule for the day



Perform audit digitally and submit for further steps



View and approve/Reject audits.



Solution

Challenge

Interactive Dashboards



WELCOME XYZ Industries Limited



Dashboard



My Forms



Schedules



Activity



To Do



Task To Me



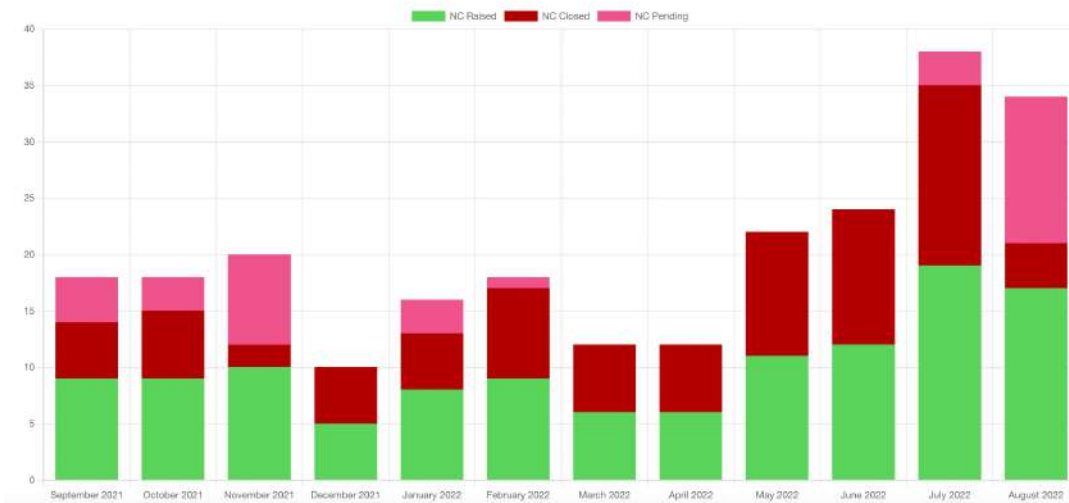
Approvals



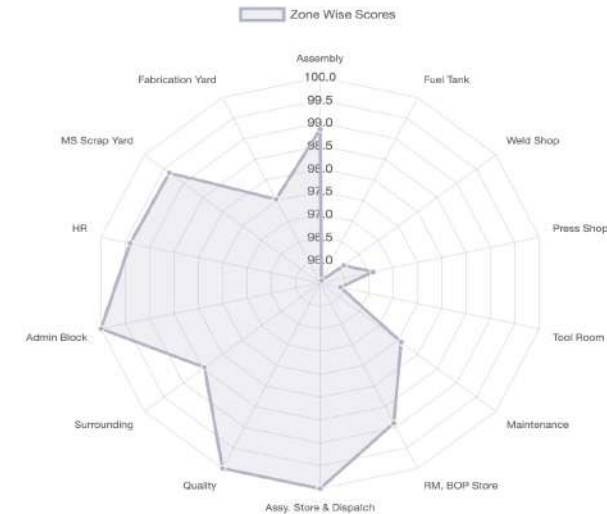
Report

Month Aug-2022	Audit Adherence 74.67%	Total Check points 138	Audit Planned 14	Audit Completed 12	Total NC Raised 32
	NC Closed 19	Open NC 13	Critical NC Open 5	Approved Audits 8	Pending Approval 6

Month Wise NC Trend Stack Graph



Zone Performance Chart (Scoring %)

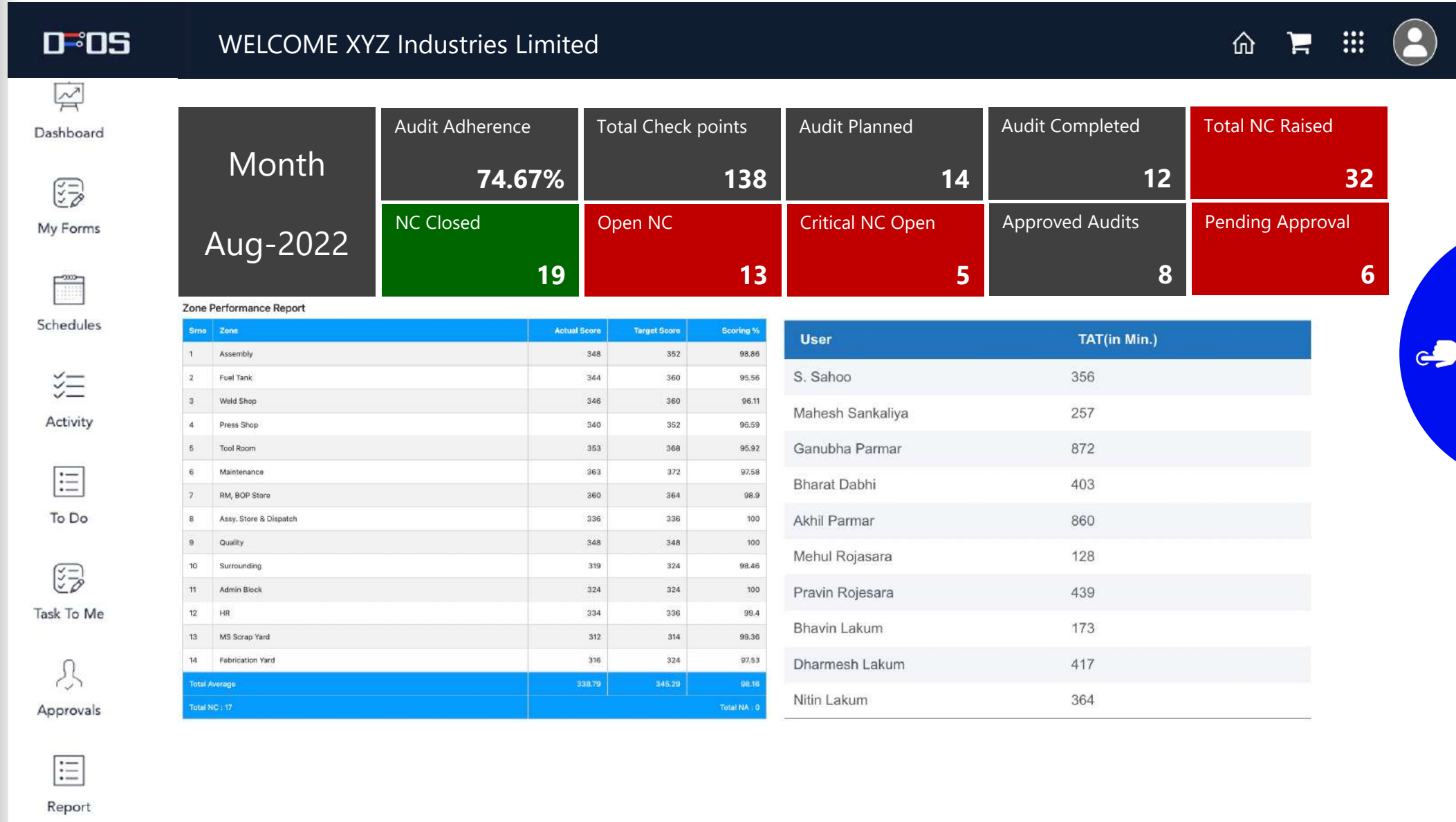


Wireframes

Solution

Challenge

Interactive Dashboards



Audit Reports

WELCOME XYZ Industries Limited

Dashboard

My Forms

Schedules

Activity

To Do

Task To Me

Approvals

Report

Fromdate

08/16/2022

Todate

08/31/2022

Apply

Export to Excel

Search:

ID	Audit Date	Report PDF	Checksheet	Site	Plant	Area	Audited By	Auditor Signature	Approval Status	NC Status	QR Code
16949	25/08/2022 06:24 PM	Export PDF	Safety Audit- RM, BOP Store			RM, BOP Store	Safety Officer		N/A	Contain NC	
16879	24/08/2022 10:29 PM	Export PDF	Safety Audit- Fabrication Yard			Fabrication Yard	Safety Officer		N/A	Contain NC	
16831	24/08/2022 02:48 PM	Export PDF	Safety Audit- MS Scrap Yard			MS Scrap Yard	Safety Officer		N/A	AllOk	
16830	24/08/2022 02:42 PM	Export PDF	Safety Audit- HR			HR	Safety Officer		N/A	AllOk	
16829	24/08/2022 02:35 PM	Export PDF	Safety Audit- Admin Block			Admin Block	Safety Officer		N/A	AllOk	
16439	20/08/2022 09:12 PM	Export PDF	Safety Audit- Maintenance			Maintenance	Safety Officer		N/A	Contain NC	

Wireframes

Solution

Challenge

<https://www.designx.in>

Results

The Use case is applicable to all areas where paper-based audit system is being followed for example, Safety Audit, Quality Audits, Product Audit, Process Audit, Supplier Audit, In process quality inspection, 5S audits etc.

