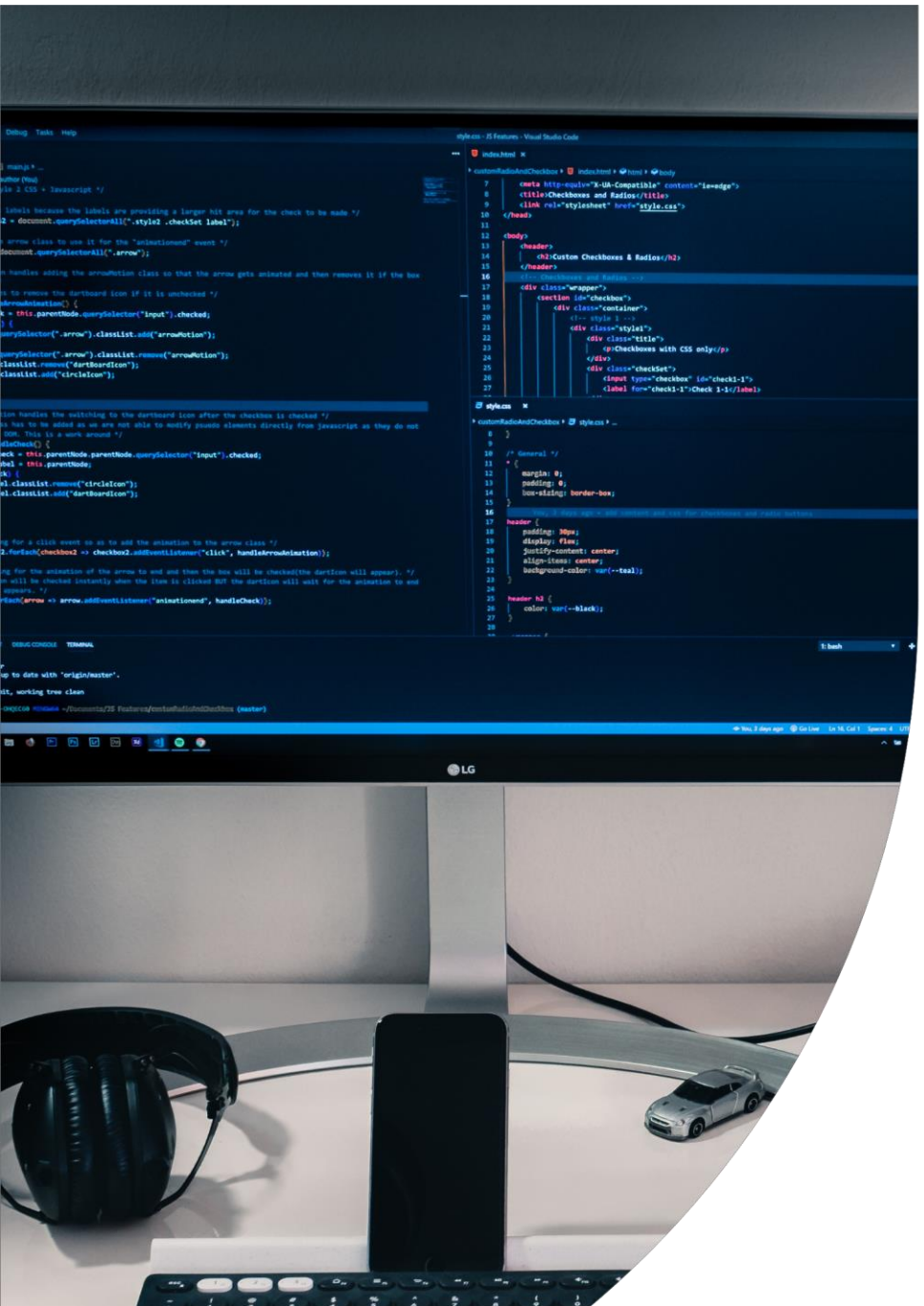
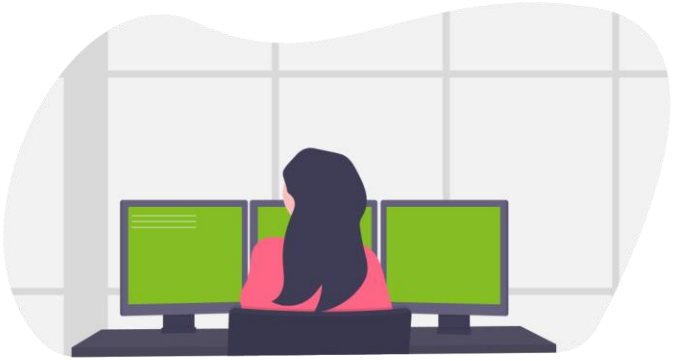




Software Development Proposal

Deloitte.

1. Overview

This proposal outlines the development of a private, intranet-based dashboard to monitor the health status of 9 machines in each of Daikibo's 4 factories. The dashboard will be accessible only within the company's internal network and integrated with their internal authentication server, ensuring that only authorized personnel can access it using their company credentials. The aim is to provide a centralized, secure, and intuitive platform to visualize the operational status and history of machines across all locations.

2. Scope

The dashboard will be a single-page web application that includes the following functionality:

- Authentication Integration: Users will log in using their company-wide credentials via the internal authentication server.

- Secure Intranet Access: The dashboard will be deployed within Daikibo's secure internal infrastructure.

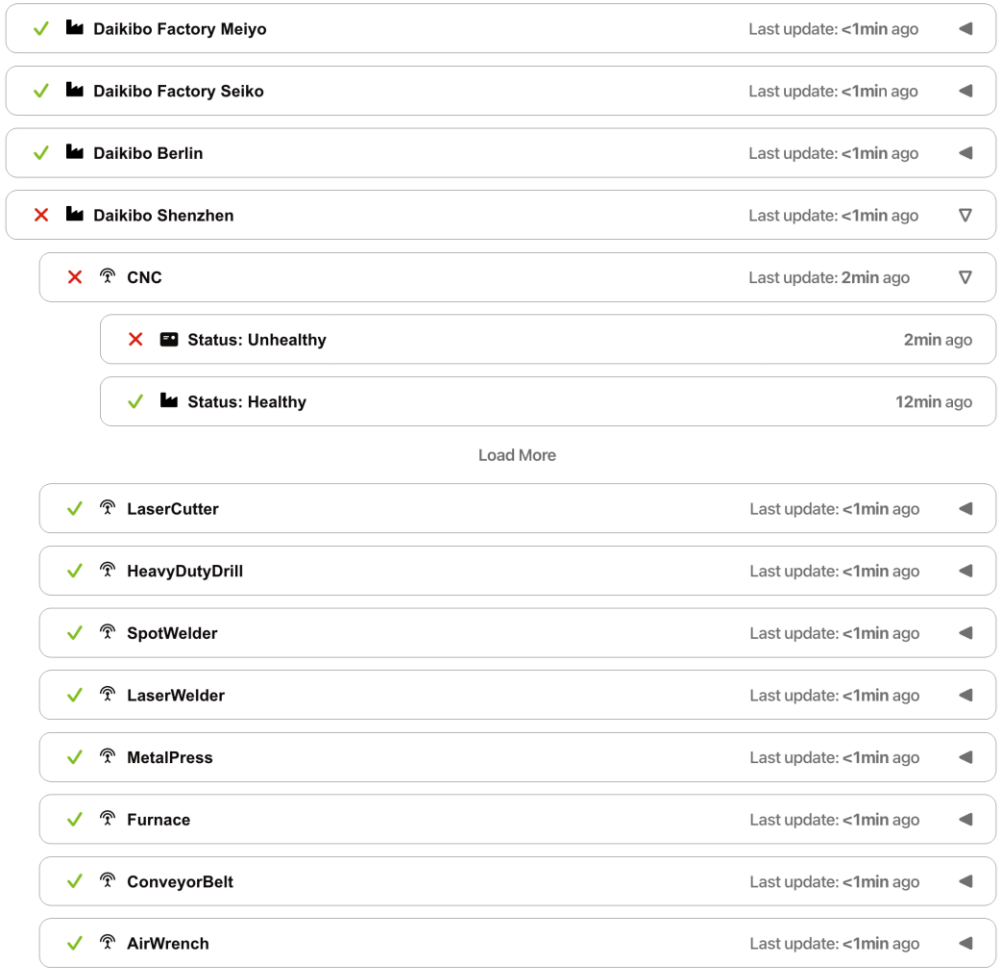
- Live Status Monitoring: Real-time health status of all 36 machines (9 per factory × 4 factories).

- Collapsible/Expandable Views:

  • Factory Level: Collapsible sections for each of the 4 factories.

  • Device Level: Expandable views for each of the 9 devices within a factory.

- Status History: Upon expanding a device, users can view a timestamped history of its status.


Daikibo Factory Meiyo
Last update: <1min ago
Daikibo Factory Seiko
Last update: <1min ago
Daikibo Berlin
Last update: <1min ago
Daikibo Shenzhen
Last update: <1min ago
CNC
Last update: 2min ago
Status: Unhealthy
2min ago
Status: Healthy
12min ago
Load More
LaserCutter
Last update: <1min ago
HeavyDutyDrill
Last update: <1min ago
SpotWelder
Last update: <1min ago
LaserWelder
Last update: <1min ago
MetalPress
Last update: <1min ago
Furnace
Last update: <1min ago
ConveyorBelt
Last update: <1min ago
AirWrench
Last update: <1min ago

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3. Estimate

The project is expected to take a total of 120 man-hours, broken down as follows:

Phase	Estimated Hours
UI/UX Design	15 hours
Front-End Development (React/HTML/CSS)	35 hours
Backend Integration (Node.js/Python + Auth Server)	30 hours
Testing (Unit + Manual + Security)	20 hours
Integration into Client Intranet	10 hours
Documentation	10 hours
Total	120 hours

4. Timeline

Milestone	Target Date
1. Requirements Finalization	August 26, 2024
2. UI/UX Design Begins	September 1, 2024
3. Front-End Development	September 5–15, 2024
4. Backend Development & Integration	September 16–25, 2024
5. Testing & QA	September 26–30, 2024
6. Internal Deployment & Validation	October 1–3, 2024
7. Final Handover	October 4, 2024

5. Support

We will provide continuous product support post-deployment, including:

- Bug Fixes (within 48 hours)

- Technical Support via Ticketing System

- Updates & Feature Enhancements based on future requirements

- SLA-based issue resolution timeline with high-priority monitoring

Ongoing support can be extended through a quarterly maintenance agreement upon project completion.