#### Software Development Proposal





# Software Development Proposal Deloitte.

#### 1. Overview

We are excited to propose the development of a custom **Private Dashboard** for **Daikibo**. This dashboard will provide real-time health status updates for the machines in **Daikibo's four factories**. Each factory has nine machines, and the dashboard will compile and display telemetry data for all of them in an easy-to-use, **single-page interface**. Accessible only through **Daikibo's internal network**, the dashboard will ensure secure, convenient monitoring for authorized personnel. Authentication will be seamlessly integrated with **Daikibo's internal systems**, so users can log in with their existing company accounts. The dashboard will feature collapsible and expandable views for both factories and individual devices, complete with historical data for deeper insights.

## 2. Scope

#### **Key Features:**

#### 1. User Authentication and Access Control:

- Syncs with Daikibo's internal authentication server.
- Access is restricted to users within Daikibo's Intranet, ensuring security.

#### 2. Dashboard Interface:

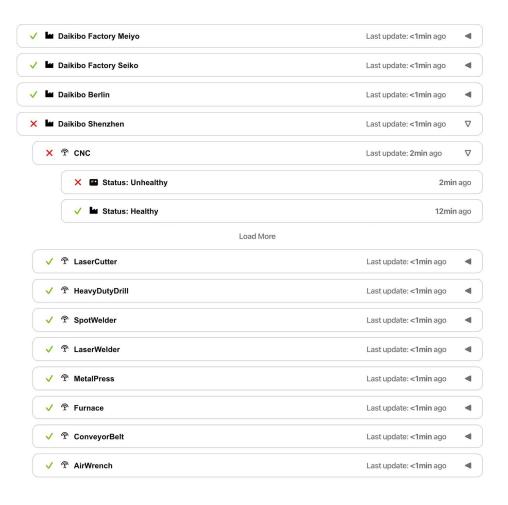
- A **single-page application** listing the status of all monitored machines.
- Collapsible and expandable sections for each factory and each machine.
- Real-time status updates for every machine.
- o Historical data views for each device, accessible upon expansion for detailed analysis.

#### 3. Data Management:

- a. Efficiently collects and processes telemetry data from all machines.
- b. Implements secure storage and retrieval systems to support real-time updates.

#### **Visual Representation**

We'll include mockups of the dashboard interface, illustrating the collapsible views for factories and devices, as well as the historical data section. These will help visualize the user experience and layout.





# 3. Estimate

Task	Hours
Development	240
Frontend Development	100
Backend Development	80
Database Design & Integration	60
Testing	80
Unit Testing	40
Integration Testing	20
User Acceptance Testing	20
Integration	40
Authentication Server Integration	20

Intranet Deployment & Configuration	20
Total Man-Hours	360

## 4. Timeline

Our proposed timeline for the project is as follows:

Phase	Tasks	Duration
Requirement Analysis	Requirement Analysis and Finalization	Weeks 1-2
Design Phase	Creating UI/UX Designs Designing the Database Schema	Weeks 3-5
Development Phase	Building the Frontend Developing the Backend Setting Up the Database	Weeks 6- 10
Testing Phase	Conducting Unit Tests Performing Integration Tests Running User Acceptance Tests	Weeks 11- 12
Integration and De- ployment	Integrating with the Authentication Server Deploying on the Intranet	Week 13

Final Review | Final Review and Adjustments

Week 14

# 5. Support

We are committed to providing ongoing support after the dashboard goes live. Our support services include:

#### **Table**

**SUPPORT SERVICE** 

BUG FIXES	Prompt resolution of any issues that arise.
SUPPORT TICKETS	A dedicated system for reporting and tracking issues.

**DESCRIPTION** 

NEW FEATURES	Adding new functionality based on your evolving needs.
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We look forward to partnering with **Daikibo** to develop this dashboard and ensure it meets all your monitoring needs. We're here to help make your operations more efficient and your data more accessible.