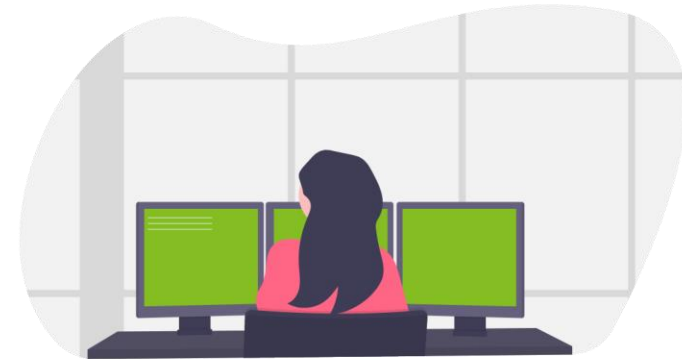
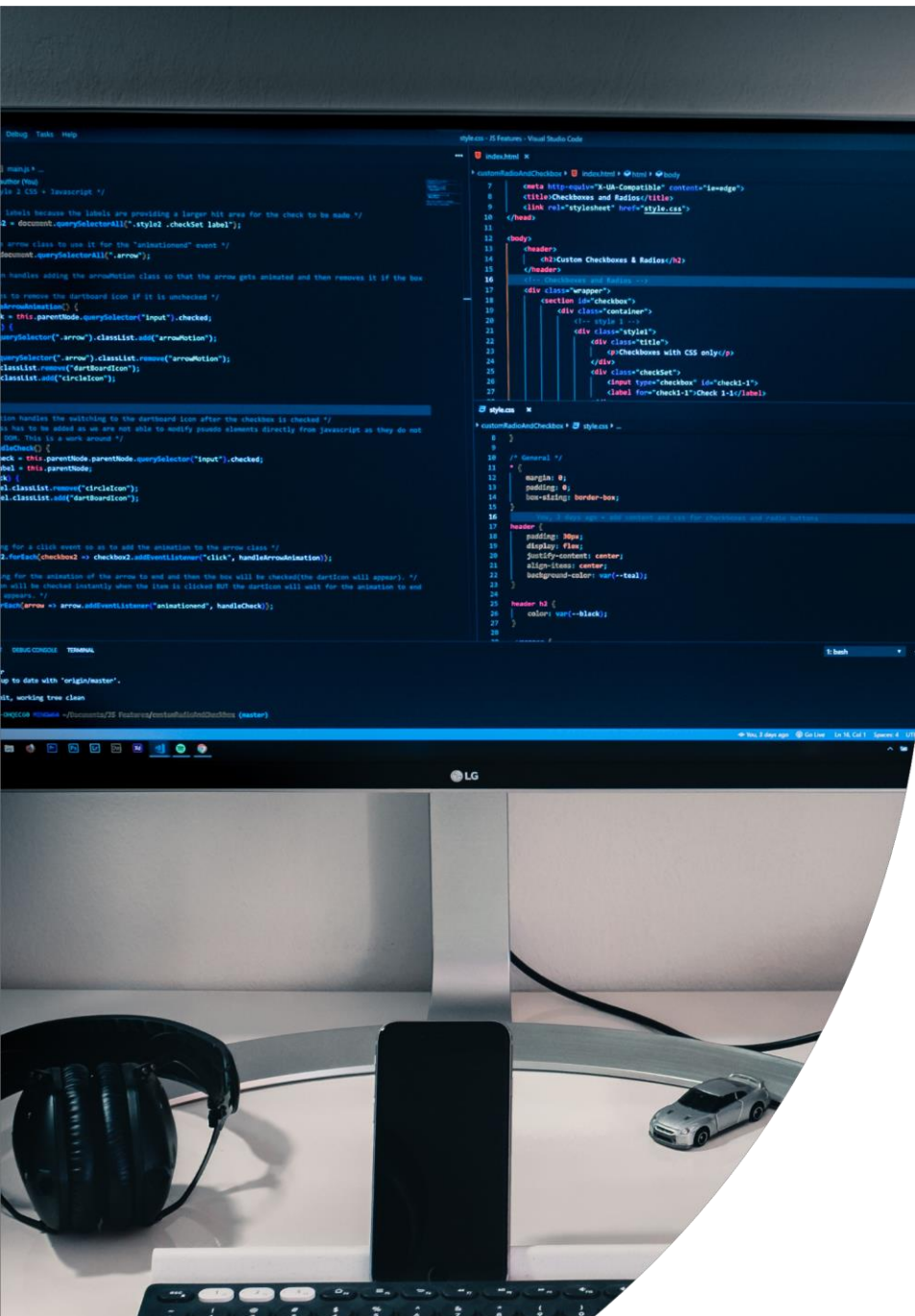


## Software Development Proposal



# Software Development Proposal

**Deloitte.**

# 1. Overview

This proposal details the creation of a private dashboard for Daikibo, which will allow real-time health status monitoring for 36 machines throughout the company's four plants. The dashboard will only be accessible through the client's Intranet and will interact with the company's internal authentication system, ensuring secure and smooth access for authorized people. The system intends to improve operational visibility and decision-making processes by providing an intuitive, foldable interface that displays both current and historical device conditions.

## 2. Scope

The suggested dashboard will provide the following critical functionality:

**Factory-Level Overview:**

A collapsible/expandable view that displays the current state of all devices in each factory.

**Device-level monitoring:**

Expandable information for each machine, including a history of device states over time.

**Authentication:**
















Integration with the client's internal authentication server enables secure, company-wide account access.

**Intranet-Only Access:**

Ensure that the dashboard is only available within the client's internal network.

The design will follow Daikibo's brand and user experience criteria.

Software Development Proposal

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✓  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
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✓  LaserCutter	Last update: <1min ago ◀
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✓  SpotWelder	Last update: <1min ago ◀
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✓  Furnace	Last update: <1min ago ◀
✓  ConveyorBelt	Last update: <1min ago ◀
✓  AirWrench	Last update: <1min ago ◀

### 3. Estimate

Task	Man-Hours	Description
Development	100	Backend services, authentication integration, frontend interface, and status history implementation.
Testing	20	Functional testing, security validation, and user acceptance testing.
Integration	30	Deployment on the client's Intranet and configuration with the authentication server.

The total hours for the project to be complete is **150 hours**.

## 4. Timeline

1. [1<sup>st</sup> of September 2021] **Design starts**
2. [3<sup>st</sup> of September 2021] **Design is circulated at Daikibo for feedback**
3. [7<sup>st</sup> of September 2021] **Design is finalized and authentication system integration starts**
4. [14<sup>st</sup> of September 2021] **Development of core functions starts**
5. [21<sup>st</sup> of September 2021] **Development is finished and testing and finding bugs commences**
6. [28<sup>st</sup> of September 2021] **Deployment and integration is finalized**
7. [5<sup>st</sup> of September 2021] **The final review is conducted**

## 5. Support

To guarantee that the dashboard remains effective and meets Daikibo's operational demands, we provide the following ongoing support services:

**Bug Fixes:** Addressing any bugs discovered after deployment.

**Support Tickets:** Prompt handling of user-reported issues.

**New Functionality:** Daikibo has requested the development of extra functionality.