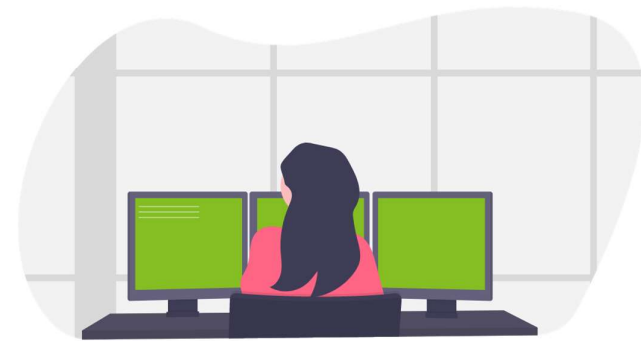
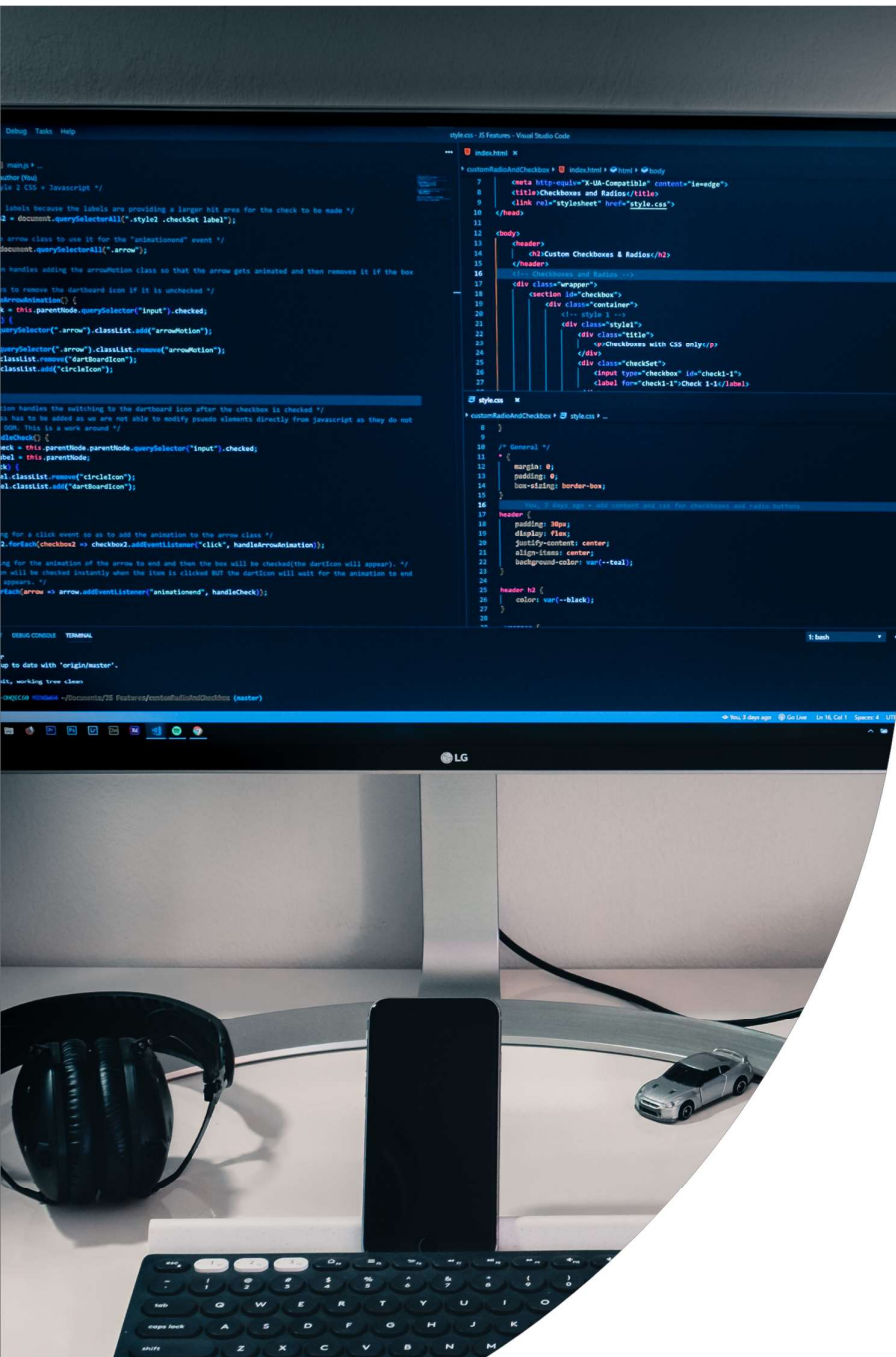


Software Development Proposal



Software Development Proposal

Deloitte.

1. Overview

This development proposal outlines the creation of a private dashboard that will provide real-time health status monitoring for nine machines in each of Daikibo's four factories. The dashboard will leverage telemetry data collected from these machines, allowing factory personnel to monitor their operational health. Access to the dashboard will be restricted to Daikibo's Intranet, and authentication will be synchronized with the internal authentication server, enabling users to use their existing company-wide accounts.

2. Scope

The private dashboard will offer the following functionalities:

Authentication and Authorization:

Integration with Daikibo's internal authentication server.

Users will log in using their company-wide accounts, ensuring a seamless experience.

Dashboard Interface:

A single-page interface displaying the health status of nine machines in each factory.
















Collapsible and expandable views for both factory and device levels.

Real-time Machine Health Monitoring:

Real-time display of the current operational status for each machine.

Historical view of status changes for individual devices.

References

✓  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 ◀

3. Estimate

Total Man-Hours Estimate:

Development: 160 hours

Testing : 40 hours

Integration : 20 hours

4. Timeline

Milestones	Week	Starting Date of Task
Project Kick-off and Requirement Analysis -	Week 1	1 st September 2021
Development of Dashboard Interface	Weeks 2-4	6 th September 2021
Integration with Authentication Server	Weeks 5-6	27 th September 2021
Real-time Machine Health Monitoring Implementation	Weeks 7-8	11 th October 2021
Testing and Quality Assurance	Weeks 9-10	25 th October 2021
User Acceptance Testing	Week 11	8 th November 2021
Deployment and Support Setup	Week 12	15 th November 2021

5. Support

Our commitment to providing ongoing support includes:

- Immediate resolution of any critical bugs or issues that arise.
- Support ticket system for addressing non-critical issues.
- Periodic updates and maintenance to ensure the dashboard remains up-to-date and functional.
- Future enhancements and additional features based on client feedback and requirements.

We are excited to collaborate with Daikibo on this project and ensure the successful implementation of the private dashboard. This dashboard will provide invaluable insights into the health of machines, enabling efficient maintenance and operational management across the organization.