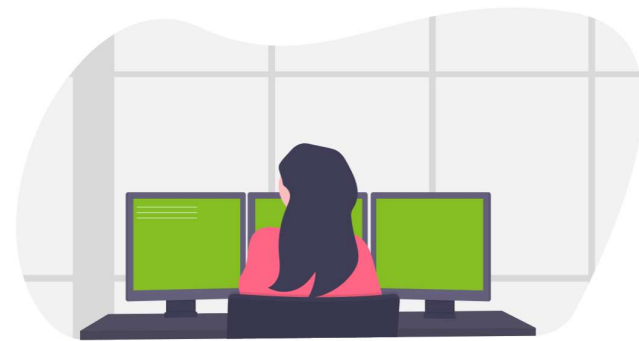
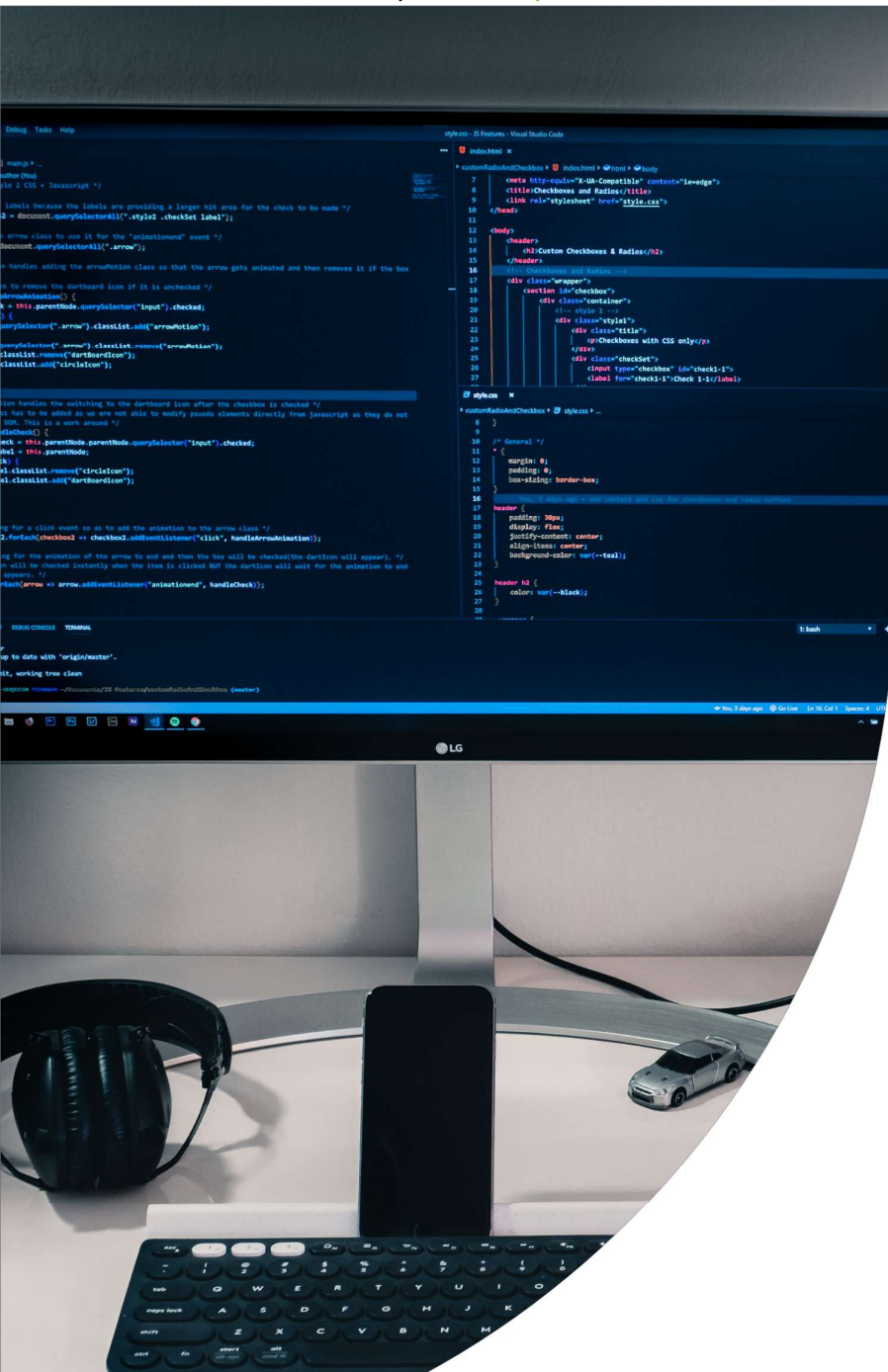


Software Development Proposal



Software Development Proposal

Deloitte.

1. Overview

Deloitte is most famous for being one of the “big four” accounting companies. We provide audit & assurance, consulting, risk and financial advisory, risk management, tax, and related services to our clients. Building robust software solutions is one of the services that we offer. Our team of experts in the software development field has helped hundreds of Deloitte’s clients on thousands of projects.

We are pleased to present this proposal for the development of a real-time manufacturing status dashboard for Daikibo. This dashboard will provide a centralized, private platform to monitor the health status of the 9 machines in each of Daikibo's 4 factories, leveraging existing telemetry data.

Please find enclosed in this document our Software Development Proposal for Daikibo’s Real-time Telemetry Dashboard.
















2. Scope

Here are the main functionalities of the project:

- A private dashboard displays the health status of the 9 telemetry-enabled machines in each of Daikibo's 4 factories.
- Access to the page is restricted to the client's intranet, ensuring security and confidentiality.
- Authentication is synced to Daikibo's internal authentication server, so users don't need to create separate accounts.
- The dashboard consists of a single page listing the current statuses of all monitored devices.
- Collapsible/Expandable Views:
 - Factory-Level View: Overview of all devices in a specific factory.
 - Device-Level View: Detailed history of machine statuses.

You can refer to the wireframe image located on the next page for a visual reference. Please note this is not the final design, and it's just a mock-up visual representation of the functionality.

Software Development Proposal

✓  Daikibo Factory Meiyō	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

The total number of man-hours needed for this project is **180 hours**.

Phase	Hours
Design	10
Development	100
Testing	50
Integration	20
Total	180

We are going to form an internal team of 5 software engineers and 2 graphic designers to work on this project.

Note: We will need assistance from at least one IT engineer from Daikibo to finalize the product handoff and facilitate access to the authentication and telemetry databases/servers.

4. Timeline

1. **[29th of January 2025]**: Design starts
2. **[1st of February 2025]**: Design phase ends (10 hours, ~4 days including feedback and approval).
3. **[2nd of February 2025]**: Development starts
4. **[22nd of February 2025]**: Development phase ends (100 hours, ~3 weeks including front-end, back-end, and collapsible views implementation).
5. **[23rd of February 2025]**: Testing starts
6. **[8th of March 2025]**: Testing phase ends (50 hours, ~2 weeks including functional, compatibility, and security testing).
7. **[9th of March 2025]**: Integration starts
8. **[15th of March 2025]**: Integration phase ends (20 hours, ~1 week for syncing authentication and final deployment).
9. **[15th of March 2025]**: Project is completed and ready for client use.

5. Support

This proposal's main focus is the development of the project, but once the product is successfully deployed within Daikibo's infrastructure, we will remain available for continuous support.

You can submit support tickets through our internal support system for any issues or assistance needed. Our support services will include:

- Bug Fixes: Addressing unexpected issues to maintain system stability.
- Updates & Improvements: Implementing future enhancements and feature updates as per Daikibo's evolving requirements.
- System Maintenance: Ensuring the dashboard remains optimized and fully functional within the company's intranet.

The estimate of work described earlier does not cover ongoing support. Any future bug fixes, updates, and improvements will be invoiced separately.