



Software Development Proposal

Deloitte.

1. Overview

This proposal outlines the development of a secure, private dashboard for monitoring the real-time health status of machines located in Daikibo's four factories. Each factory contains nine devices that generate telemetry data. The dashboard will be accessible exclusively within the company's internal intranet and integrated with the internal authentication system, allowing seamless access for authorized users through their existing company accounts.

2. Scope

[Describe the project's scope with all the features it will have. Use the wireframe image on the next page]

The Dashboard will include:

1. Intuitive and interactive UI/UX displays.
2. Real time health status of the 9 machines in each of 4 factories.
3. A Single page web interface with collapsible views for factories and individual devices.
4. Expandable Sections for showing history of statutes.
5. Internal authentication server.
6. Secure deployment within the company's intranet environment

| | | | | |
|-----------|---|-----------------------|------------------------|---|
| ✓ | 🏭 | 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

[An estimate of the total number of man-hours needed to get this project done + a breakdown of those hours into development, testing, and integration of the product in the client's intranet]

| | |
|----------------------------|---------|
| UI/UX | 10 hour |
| Frontend Development | 25 hour |
| BackEnd Development | 25 hour |
| Authentication Integration | 10 hour |
| Testing & QA | 20 hour |
| Deployment | 10 hour |

4. Timeline

1. [1st of September 2024] **Design starts**

2. ... [*Finish the timeline*]

3. **Week 1:** Requirements gathering, UI/UX design

4. **Week 2:** Frontend and backend development

5. **Week 3:** Authentication integration and status history

6. **Week 4:** Internal testing, bug fixing, deployment setup

7. **Week 5:** Final review, documentation handover, client demo

5. Support

[Describe our ability to continuously support the product built in this project]

- 30 days bug-fix
- Email based support channel for any issue occurred
- Future Enhancements: data export, alert notification, etc.