

1. Overview

[*Write an overview of the project*] : This proposal outlines the development of a secure, intranet-based dashboard for Daikibo Corporation. The objective is to provide real-time visibility into the health status of nine (9) machines located in each of Daikibo's four factories. This tool will support internal operations teams in proactively monitoring equipment performance and detecting anomalies.

The system will be deployed within Daikibo’s private network, and access will be restricted to authenticated company employees via internal single sign-on (SSO). The dashboard will feature a simple and intuitive interface with expand/collapse functionality, enabling users to drill down from factory-level to individual machines and view historical status data.

.

2. Scope

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

The project will deliver the following core functionality:

* A **single-page dashboard** showing the current status of all monitored machines.
* **Collapsible/expandable UI** to drill down from:
  + Factory level → Device level → Historical device data.
* Real-time telemetry integration to retrieve and display live machine data.
* **SSO integration** with the internal authentication server for secure access.
* **Intranet-only access** — no public internet exposure.
* Scalable and maintainable backend services.

The dashboard will follow a clean layout, prioritizing usability and responsiveness across different screen sizes. A mockup of the expected user flow and factory-to-device hierarchy is provided below (refer to graphics in the original template).



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*]

| **Phase** | **Estimated Hours** |
| --- | --- |
| Requirements & Planning | 10 |
| Frontend Development | 35 |
| Backend/API Integration | 30 |
| Authentication Integration | 20 |
| Telemetry Data Handling | 15 |
| Testing & QA | 15 |
| Deployment & Integration | 5 |

4. Timeline

1. [1st of September 2024] **Design starts**
2. … [*Finish the timeline*]

| **Milestone** | **Timeline** |
| --- | --- |
| Project Kickoff & Planning | Week 1 |
| UI/UX Design & Wireframes | Week 2 |
| Frontend & Backend Development | Weeks 3–4 |
| Authentication & Security Setup | Week 4 |
| QA Testing & Performance Review | Week 5 |
| Final Deployment & Handover | Week 6 |

5. Support

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

Following deployment, the development team will offer continuous support including:

* Ongoing **bug fixing** and system optimization.
* Handling of **support tickets** through an internal issue-tracking system.
* Deployment of **minor updates** and **new features** upon request.
* **Monthly system health checks** and log monitoring.
* SLA of **48 hours** for critical issues and 3–5 business days for minor updates.

The team remains committed to ensuring long-term performance, security, and user satisfaction for the dashboard.